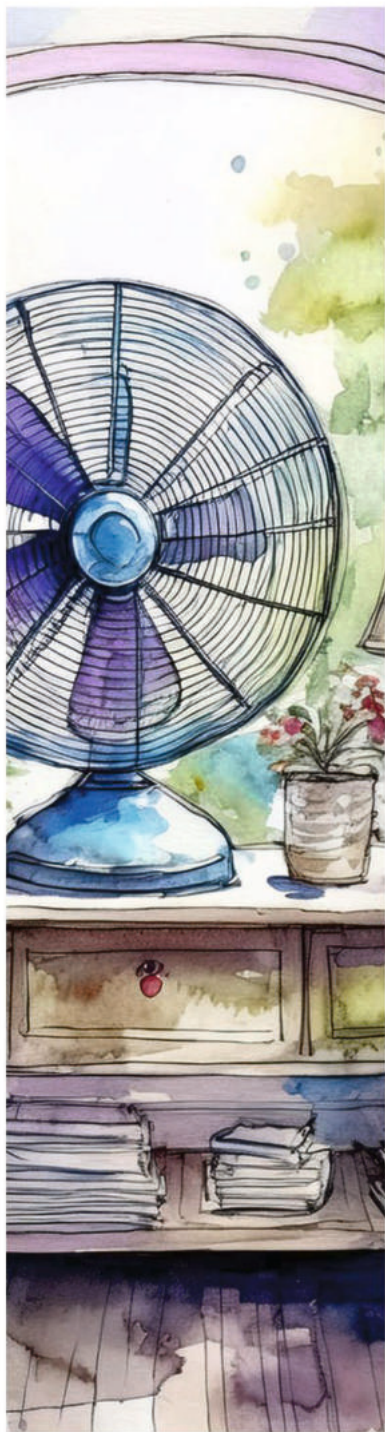




SOMOGYI ELEKTRONIC®
— since 1981 —



PRODUCT CATALOG

2025/2026

www.somogyinagyker.hu



Name: **Marozsán Fábán**

Date of birth: **1999. 10. 08.**

Started playing tennis:
at the age of 5

Club: **Vasas SC**

Game: **right-handed,
two-handed backhand**

Favorite covering: **slag**

Professional: **since 2017**

Height: **193 cm**

Weight: **75 kg**

TOP 50
player

**„Work hard in silence,
let your success
be your noise!”**

– Frank Ocean

home
by somogyi **SAL**



www.marozsanfabian.com

**We are honored to support Marozsán Fábán
and be part of his path to sporting success.**

Dear Partner!

We are pleased that you are holding our latest product catalog in your hands again!

Over the past year, all of our employees have worked to provide you with an offer that is not only in line with the latest trends, but also meets customer needs and ensures stable development for your business.

Our **HOME** household appliance range has been expanded with a wide variety of new products. The usual excellent quality is represented by devices that serve everyday comfort and modern home lifestyle. In the field of beauty care, you will also find several trend-following models in our catalog, which combine the latest technological developments and practical usability.

We are particularly proud that HOME **Smart Home** devices have also been included in our publication. With these devices, you can offer your customers a new level of modern comfort, security and energy efficiency.

Our **SAL** brand has also been enriched with numerous professional products, with which you can further strengthen your position in the consumer electronics market.

We also introduce **the versatile family of hand tools from the Worksite brand**, which will be reliable and practical companions for every DIYer.

We are proud to provide uniqueness in every product range, so our offer will continue to contribute to your success.

We trust that our successful cooperation will continue in the coming period, for which we will continue to provide quality, stable partnership and innovative solutions!

Thank you for your trust and further cooperation!

Best regards:
Somogyi Elektronik Kft.

The recognition and positive perception of our company's own brands is constantly growing.
Our goal: to continuously renew our product range according to the newest market trends.



household appliances / heating technology / cooling technology / lighting / security systems / multi tools / tools / electronic parts



multimedia and sound technology

Other distributed brands:

FireAngel



CO detectors and alarms

NEBO



lighting technology

TRUE



knives and mini tools

STANLEY



distributor, extensions cord, cable reel, hand trolleys, heating technology

Midea



household appliances

ELECTRIC WATER HEATER



D100-20ED6

MIDEA SMART ELECTRIC WATER HEATER, BOILER

- **power: 2000 W**
- nominal capacity: 93 liters
- **It can be controlled remotely with the Smart Home application**
- water resistance level: IPX4
- **can be mounted on the wall both vertically and horizontally**
- control interface with touch buttons and LED display
- **the operating surface can be turned when installed horizontally**
- 2 enameled water tanks
- **1 or 2 tank operation**
- enameled copper heating filaments
- capillary thermostat
- temperature range: 30-75°C
- max. operating pressure: 0.75 MPa
- **with grounded plug**
- **power cable length: 115 cm**
- magnesium anode size: Ø20 x 235 mm
- size: 569 x 1087 x 295 mm
- **energy efficiency class: B**



D80-20ED6

- nominal capacity: 74 liters
- size: 569 x 902 x 295 mm
- **energy efficiency class: B**



D30-25VD1(O)

MIDEA ELECTRIC WATER HEATER, BOILER

- **power: 2500 W**
- nominal capacity: 30 liters
- **can be installed above the kitchen counter**
- water resistance level: IPX4
- can be mounted vertically on the wall
- mechanical, rotary knob control
- enameled water tank
- enameled heating element
- capillary thermostat
- temperature range: 30-75°C
- max. operating pressure: 0.75 MPa
- **with grounded plug**
- **power cable length: 100 cm**
- size: 440 x 440 x 402 mm
- **energy efficiency class: C**

D10-20VD1(O)

- **power: 2000 W**
- nominal capacity: 10 liters
- size: 324 x 324 x 300 mm
- **energy efficiency class: A**



D30-25VD1(U)

MIDEA ELECTRIC WATER HEATER, BOILER

- **power: 2500 W**
- nominal capacity: 30 liters
- **can be installed under the kitchen counter**
- water resistance level: IPX4
- can be mounted vertically on the wall
- mechanical, rotary knob control
- enameled water tank
- enameled heating element
- capillary thermostat
- temperature range: 30-75°C
- max. operating pressure: 0.75 MPa
- **with grounded plug**
- **power cable length: 100 cm**
- size: 440 x 440 x 402 mm
- **energy efficiency class: C**

D10-20VD1(U)

- **power: 2000 W**
- nominal capacity: 10 liters
- size: 324 x 324 x 300 mm
- **energy efficiency class: A**





D100-15FG

MIDEA ELECTRIC WATER HEATER, BOILER

- **power: 1500 W**
- nominal capacity: 100 liters
- water resistance level: IPX4
- can be mounted vertically on the wall
- mechanical, rotary knob control
- **with analog thermometer**
- enameled water tank
- enameled heating element
- capillary thermostat
- temperature range: 30-80°C
- max. operating pressure: 0.75 MPa
- **with grounded plug**
- **power cable length: 115 cm**
- magnesium anode size: Ø20 x 297 mm
- size: Ø450 x 977 mm
- **energy efficiency class: C**

D80-15FG

- **power: 1500 W**
- nominal capacity: 80 liters
- size: Ø450 x 812 mm
- **energy efficiency class: C**

D50-15FG

- **power: 1500 W**
- nominal capacity: 50 liters
- size: Ø385 x 755 mm
- **energy efficiency class: C**

ELECTRIC WATER HEATER COMPONENTS	
17451000000197	MIDEA magnesium anode D10-20VD1(O), D10-20VD1(U), for D50-15FG boiler
17451000000202	MIDEA magnesium anode for D100-15FG, D80-15FG boiler
17451000008894	MIDEA heating unit for boiler D50-15FG
17451000008900	MIDEA heating unit for D10-20VD1(O), D10-20VD1(U) boiler
17451000010794	MIDEA heating unit for D100-20ED6, D80-20ED6 boiler
17451000A04548	MIDEA heating unit for D100-15FG, D80-15FG boiler
17451000000063	MIDEA thermal limiter for D10-20VD1(O), D10-20VD1(U) boiler
17451000000071	MIDEA thermal limiter for D100-20ED6, D80-20ED6 boiler

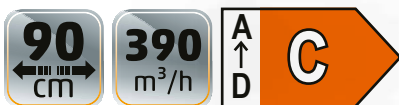
ELECTRIC WATER HEATER COMPONENTS	
17451000011613	MIDEA thermal limiter for boiler D50-15FG
17451000A05863	MIDEA thermal limiter for D100-15FG, D80-15FG boiler
17451000009734	MIDEA thermostat for D10-20VD1(O), D10-20VD1(U) boiler
17451000011272	MIDEA thermostat for D100-15FG, D50-15FG, D80-15FG boiler
17451000009773	MIDEA water thermometer for D100-15FG, D50-15FG, D80-15FG boiler
12951000001121	MIDEA safety valve for boiler D10-20VD1(O), D10-20VD1(U)
17151000006476	MIDEA power supply unit for D100-20ED6, D80-20ED6 boiler
17151000007911	MIDEA display panel for D100-20ED6, D80-20ED6 boiler

Kitchen hood

KPE 9039G

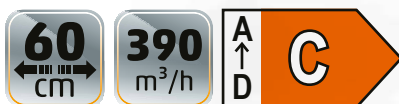
KITCHEN HOOD CYCLONE

- SPCC black steel sheet + black glass
- **touch-control + gesture-control**
- three speed settings
- 1x1,5 W LED light
- **with 1 five-layer aluminum mesh, washable grease filter (KPE 6090/A) included**
- **with two-piece carbon filter set (KPE 6090/C) included**
- external or recycling ventilation
- maximum air delivery: 390 m³/h
- maximum drive output: 105 W
- air-outlet opening: 150 mm
- **energy efficiency class: C**
- dimensions: 89,7 x 37,3 x 40,3 cm



KPE 6039G

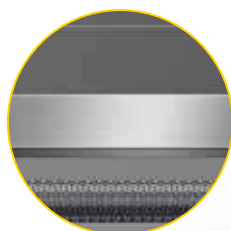
- dimensions: 59,7 x 37,3 x 40,3 cm



KPE 6044B

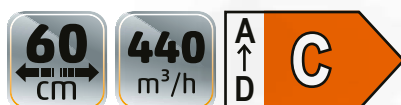
KITCHEN HOOD TWISTER

- **black**
- with rocker switches
- two speed settings
- 1 x 1,5 W LED light
- **with 4 triple-layer aluminum mesh, washable grease filter included (KPE 6044/A)**
- **with two-piece carbon filter set included (KPE 6044/C)**
- external or recycling ventilation
- maximum air delivery: 440 m³/h
- maximum drive output: 105 W
- air-outlet opening: 150 / 120 mm (with reducer)
- **energy efficiency class: C**
- dimensions: 59,5 x 25,5 x 28/42 cm



KPE 6044S

- stainless steel panel + gray casing



KPE 6038S

KITCHEN HOOD HURRICANE

- stainless steel
- push-button controls (mechanical)
- three speed settings
- 1 x 1,5 W LED light
- **with 1 triple-layer aluminium mesh, washable grease filter included (KPE 60/A)**
- **with a two-piece carbon filter kit included (KPE 6038/C)**
- external or recycling ventilation
- **dual-drive design**
- maximum air delivery: 380 m³/h
- maximum drive output: 200 W
- air-outlet opening: 120 mm
- energy efficiency class: D
- dimensions: 59,7 x 14 x 50 cm



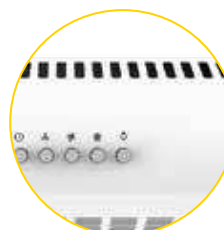
KPE 6038B

- black coated steel sheet



KPE 6038W

- white coated steel sheet



KPEHKIV

REAR EXHAUST PIECE FOR KITCHEN HOOD

- rear outlet fitting for kitchen hoods type STORM and TORNADO distributed by Somogyi Elektronik Kft.
- cylindrical part: Ø117 mm
- square part: 160 x 52 mm
- support plate: 188 x 160 mm



KPE 6020S

KITCHEN HOOD TORNADO

- stainless steel
- push-button controls (mechanical)
- three speed settings
- 1 x 1,5 W LED light
- with 1 triple-layer aluminium mesh, washable grease filter included (KPE 60/A)
- with a two-piece carbon filter kit included (KPE 6020/C)
- external or recycling ventilation
- maximum air delivery: 200 m³/h
- maximum drive output: 38 W
- air-outlet opening: 120 mm
- energy efficiency class: B
- dimensions: 59,7 x 50 x 14 cm



KPE 6020B

- black coated steel sheet

VIDEO



VIDEO



KPE 6020W

- white coated steel sheet

VIDEO



KPE 5019S

KITCHEN HOOD STORM

- stainless steel
- push-button controls (mechanical)
- three speed settings
- 1 x 1,5 W LED light
- with 1 triple-layer aluminium mesh, washable grease filter included (KPE 5019/A)
- optional: cotton filter (KPE 5019/COT)
- external or recycling ventilation
- maximum air delivery: 190 m³/h
- maximum drive output: 38 W
- air-outlet opening: 120 mm
- energy efficiency class: B
- dimensions: 49,7 x 10,5 x 48 cm



KPE 5019B

- black coated steel sheet

VIDEO



VIDEO



KPE 5019W

- white coated steel sheet

VIDEO



		aluminium grease filter		activated carbon filter		cotton filter	
KPE 6039G	Kitchen hood CYCLONE 60 cm, black glass	KPE 6090/A	Aluminum grease filter for CYCLONE hoods	KPE 6090/C	Activated carbon filter set (2 pcs) for CYCLONE hoods	-	-
KPE 9039G	Kitchen hood CYCLONE 90 cm, black glass					-	-
KPE 6044B	Kitchen hood TWISTER 60 cm, black			KPE 6044/C	Activated carbon filter set (2 pcs) for TWISTER hoods	-	-
KPE 6044S	Kitchen hood TWISTER 60 cm, stainless					-	-
KPE 6038B	Kitchen hood HURRICANE 60 cm, black	KPE 60/A	Aluminum grease filter for HURRICANE and TORNADO hoods	KPE 6038/C	Activated carbon filter set (2 pcs) for HURRICANE hoods	-	-
KPE 6038S	Kitchen hood HURRICANE 60 cm, stainless					-	-
KPE 6038W	Kitchen hood HURRICANE 60 cm, white					-	-
KPE 6020B	Kitchen hood TORBADO 60 cm, black			KPE 6020/C	Activated carbon filter (1 pc) for TORNADO hoods	-	-
KPE 6020S	Kitchen hood TORBADO 60 cm, stainless					-	-
KPE 6020W	Kitchen hood TORNADO 60 cm, white					-	-
KPE 5019B	Kitchen hood STORM 50 cm, black	KPE 5019/A	Aluminum grease filter for STORM hoods	-	-	KPE 5019/COT	Cotton filter for STORM hoods
KPE 5019S	Kitchen hood STORM 50 cm, stainless			-	-		
KPE 5019W	Kitchen hood STORM 50 cm, white			-	-		

Midea - make yourself at home

The Chinese brand, founded in 1968, has now become one of the world's largest manufacturers of air conditioning and household appliances. Their goal is to make people's lives simpler and more comfortable, and to this end they constantly offer new and innovative products to the customers. Midea products are manufactured according to high quality standards and use advanced technologies such as smart control and energy saving.

150.000+
employees

in 200+
countries and regions

\$ 41,4 billion
in annual revenue

62 000
patents granted

Midea is committed to **environmental protection** and **energy efficiency** and is constantly looking for opportunities for sustainable production and green technologies. The company is happy to help its customers reduce energy consumption and transition to a sustainable lifestyle. For Midea, customer satisfaction is of primary importance, and it is based on close cooperation with customers.

**Midea offers high-quality products at affordable prices
and gives guarantee for every single product.**

As of 2023, **Somogyi Elektronik Kft.** offers products of the globally recognized **Midea brand**. Our company is the exclusive Hungarian official distributor of the small household appliance product category.

The products we sell are of **outstanding quality**, which enables our partners to satisfy the needs of their customers. We make sure we provide you the right selection so You can serve a wide customer base.

B7 MBC1780WB

VACUUM CLEANER WITH DUSTBAG

- 800 W motor power, 200 W suction power
- 3 liter capacity dust bag
- washable HEPA12 filter
- with accessory storage
- 68 dB low noise level
- 5 m power cord, 8 m working range
- telescopic metal suction tube
- accessories include general cleaning head, crevice nozzle, round brush head, 3 dust bags
- weight: 6.15 kg



C7 MBC1860WB

BAGLESS VACUUM CLEANER

- 600 W motor power, 130 W suction power
- 3 liter capacity dust container
- washable HEPA12 filter
- with accessory holder
- 68 dB low noise level
- 5 m power cord, 8 m working range
- telescopic metal suction tube
- accessories include general cleaning head, crevice nozzle, circular brush head, accessory holder on the tube
- weight: 5.75 kg



MB01PLRE**VACUUM CLEANER WITH DUST BAG**

- compact and lightweight
- 700 W motor power
- 1.5 liter capacity dust bag
- 5 m power cord, 8 m working range
- telescopic metal suction tube
- included general cleaning head, combined brush/crevice nozzle, washable dust bag
- weight: 3.6 kg

**MP3L****MICROFILTER DUST BAG**

- 3 liter capacity
- 5 pcs pack
- 1 pc motor filter, free



P5 MCS2021WB

CORDLESS POLE VACUUM CLEANER

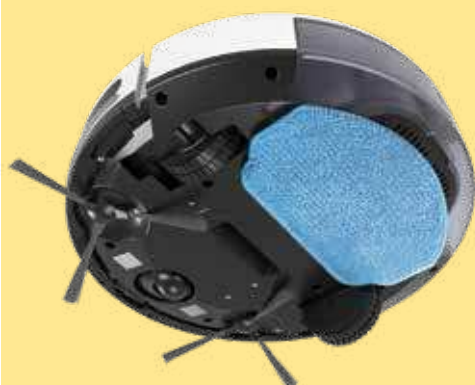
- 2 in 1: pole vacuum cleaner and crumb vacuum cleaner
- 150 W motor power
- Li-ion technology (21.6V, 2000 mAh)
- 2 speed settings
- up to 45 minutes of operating time
- floor cleaning head with motorized brush and LED light
- crevice nozzle and multi-function brush
- 0.45 liter capacity dust container
- with cyclone filter
- with mains battery charger
- with wall bracket for convenient storage
- weight: 2.5 kg



I2A

ROBOT VACUUM CLEANER

- 2 in 1: vacuums and mops
- 28 W motor power
- Li-ion technology (14.4 V, 2000 mAh)
- remote control included
- returns to the charging station independently or at the push of a button
- HEPA filter
- adjustable suction power and water volume
- cleaning modes: automatic, edge, targeted and zigzag cleaning
- flat design
- anti-fall sensor
- quiet operation
- with two rotating brushes and a mopping unit
- weight: 2.5 kg



MJ-BL5001AW2

MIDEA BLENDER

- **1.5 liter capacity**
- high-quality glass container, easy to clean
- power: 600 W
- 21000 rpm high speed, 6 blades
- **innovative eccentric mixing technology, suitable for making smoothies**
- **smoothie, ice crushing and pulse functions**
- adjustable speed, warning light
- lid with built-in measuring cup
- non-slip soles



MF-TN35D

MIDEA AIR FRYER

- **output: 1500 W for fast and efficient baking**
- **3.5 liter baking basket**
- switch-off timer max. 60 minutes
- adjustable temperature up to 200 °C



MAD55005APKH

MIDEA AIR FRYER

- **power: 1500 W for fast heating**
- **4.6 liter basket and 5.7 liter cauldron**
- 60 minute timer
- max. 200 °C adjustable temperature
- black in color
- detachable baking basket for easy cleaning





HM0293N

HAND MIXER

- power: 400 W
- 5 speeds + turbo mode
- easy, one-button mixing rod release
- stainless steel mixing rod
- dishwasher safe



MT-RP2L09W

MIDEA TOASTER

- output: 800-950 W
- cool-touch plastic outer cover
- stop/reheat/defrost functions by push of a button, with indicator lights
- toasting-interruption electrically
- 6-stage timing
- aligns the bread in the middle
- anti-sticking of bread
- removable crumb tray
- non-slip soles
- with wire storage



MK-15H01A

MIDEA KETTLE

- output: 1850 - 2200 W
- double-walled kettle - protection against the hot outer casing
- 1.5 liter capacity
- seamless stainless steel inner surface, easy to clean
- rapid boiling of water
- cover that opens by push of a button



Household appliances

HGPZ02

ELECTRIC PIZZA OVEN

- **outdoor use**, weatherproof design
- bottom and top heating with separate thermostats and indicator lights
- **max. temperature 380°C**
- baking surface 33 x 33 cm
- **1.5 cm thick Cordierite pizza stone**
(also available separately: HGPZ02S)
- with stainless steel door for efficient pizza cooking (also available separately: HGPZ02D)
- recommended pizza base, not included: GRT03
- 1,8 m rubber sheathed connecting cable
- with main switch
- IPX4 protection against splashing water
- size: 50 x 28 x 50 cm
- weight: 14 kg



HGPZ02D

DOOR FOR ELECTRIC PIZZA OVEN

- brushed stainless steel
 - with insulated handle
 - tools for assembly included
 - assembled dimensions: 33,3 x 9,4 x 21 cm
- Compatible with the HGPZ02 pizza oven marketed by Somogyi Elektronik Kft.



HGPZ02S

PIZZA STONE

- **Cordierite ceramic pizza stone**
 - 33 x 33 cm baking surface, **1,5 cm thickness**
- Compatible with the HGPZ02 pizza oven marketed by Somogyi Elektronik Kft.



HGPZ450

ELECTRIC PIZZA OVEN

- **power: 1680 - 2000 W**
- multi-function electric oven with pizza baking programs
- digital, touch-button control
- LED display for time and temperature
- **maximum temperature 450 °C**
- metal housing, glass viewing window
- **pizza programs: thin crust, New York, thick crust baking tray, frozen, individual, Naples**
- oven functions: grilling, drying, roasting meat, baking pastries, keeping warm, grilling
- switchable oven lighting
- smoking function: smoking hardwood smoke powders
- **expert mode: pizzas can be baked one after the other for 30 minutes**
- bottom and top heating
- **included pizza stone (33 x 33 cm) and enameled baking tray**
- size: 45 x 28 x 50 cm





HGDG800

KITCHEN ROBOT

- pleasant to the touch quality plastic cover
- 6-liter stainless steel mixing bowl with transparent lid and dosing opening
- **800 W direct current, strong DC motor**
- **smooth, vibration-free operation**
- electric speed adjustment in 6 stages, plus Pulse stage
- **digital counter with white LED display**
- accessory kneading arm, whisk, mixer
- opening head part
- suction cup soles
- with wire storage
- power supply: 220-240 V~ / 50-60 Hz
- size: 36 x 32 x 23 cm



HGFH01

VACUUM FOIL WELDER

- **power: 100 W**
- automatic and manual vacuuming
- **suction power max. -0.8 bar**
- separate welding function
- welding length: max. 30 cm
- welding width: 2 mm
- accessories: mini foil cutter, vacuum tube, 5 bags 20 x 30 cm
- spare film types: HGF2030, HGF2840, HGF28500
- power supply: 220-240 V~ / 50-60 Hz
- size: 240 x 255 x 180 mm
- weight: 952 g



HGFH10

VACUUM FOIL WELDER

- **power: 130 W**
- automatic and manual vacuuming
- wet or dry vacuum welding
- separate welding function
- internal foil roll storage (max. Ø6.2 cm)
- built-in foil cutter
- **suction power max. -0.7 bar**
- welding length: max. 30 cm
- welding width: ~3 mm
- accessory: 5 bags 20 x 30 cm
- spare film types: HGF2030, HGF2840, HGF28500
- power supply: 220-240 V~ / 50-60 Hz
- size: 389 x 84 x 150 mm
- weight: 1399 g



type	designation	characteristics	size	quantity
HGF28500	Vacuum film roll	For HGFH10 and HGFH01 vacuum foil sealers, compatible with the inner holder of HGFH10 vacuum foil sealer, the rolls are made of food-safe material, microwavable, freezable, color: transparent, material: PE + silicone	28 x 500 cm	2 rolls
HGF2840	Vacuum foil bag	For HGFH10 and HGFH01 vacuum foil sealers, the bags are made of food-safe material, microwavable, freezable, color: transparent, material: PE + silicone	28 x 40 cm	50 pcs
HGF2030	Vacuum foil bag	For HGFH10 and HGFH01 vacuum foil sealers, the bags are made of food-safe material, microwavable, freezable, color: transparent, material: PE + silicone	20 x 30 cm	50 pcs

HGOLS4

OIL FRYER

- 2000 W power
- thermostat control (115 - 190 °C)
- indicator lights for safe use
- oil capacity 4-6 litres
- **easily removable enamelled oil tank**
- **stainless steel housing and lid**
- inspection window and double-layer filter on the lid
- "cool touch" cool touch side walls
- **2 small and 1 large nickel-plated baskets**
- can be dismantled, easy to clean
- power supply: 220-240 V~ 50/60 Hz
- size: 38 x 26 x 52 cm



HG KS 900

BREAD OVEN

- **15 programs**, e.g. quick baking, gluten-free, whole grain or just making yogurt
- **choice of bread size:** 500 g, 750 g, **900 g**
- 60 minutes keep-warm function
- **15-minute power failure memory**
- **fingerprint-free stainless surface**
- measuring cup, measuring spoon included
- power supply: 220-240 V~ / 50-60 Hz / **710 W**
- dimensions: 28 x 29 x 32.5 cm



HG BA 27

PRESERVATION MACHINE

- **1800 W output**
- 27 liter enameled metal container
- suitable to sterilize max. 14 pcs 1 liter-capacity jars
- **possibility to heat max. 27 liters of liquid, boiling, keeping warm (e.g. tea, mulled wine)**
- drip-free drain tap
- mechanical thermostat
- thermostat sound signal can be switched off
- timed switch off, max. 120 minutes
- insulated handles
- accessory plastic glass holder grid
- **cable holder**
- dimensions: 46 x 43 x 48 cm



HG ASZ 5

DRYER

- ideal for drying fruits, vegetables, herbs, seeds, etc
- **adjustable temperature between 35-70°C**
- 5 stackable trays
- **max. loading weight: 3.5 kg**
- excellent internal air flow
- operation indicating LED
- power supply: 230 V~ / 50 Hz / 250 W
- dimensions: 31 x 21 x 25 cm





HGAF29

DOUBLE OVEN AIR FRYER

- 2 x 4,5 litres capacity
- **power: 2000 W**
- digital control
- **8 selectable modes:** chips, chicken wings, fish, bacon, roasting, baking, vegetables, drying
- SYNC FINISH: two different dishes in two baskets cooked at the same time
- the baskets can be used independently of each other
- adjustable temperature and remaining time during operation
- easy handling
- dimensions: 37,5 x 31 x 39 cm
- weight: 7,4 kg

HGAF8

AIR FRYER

- 8 litre capacity
- **DUAL HEATING: 500 W bottom + 1500 W top heating**
- metal-clad oven compartment
- LED touch panel digital control
- **8 preset cooking programmes:** chips, chicken, steak, fish, cake, pizza, vegetables, individual
- temperature and cooking time of each programme can be modified and saved
- defrosting and reheating programmes
- preheating function
- food transfer signal half way through the time
- adjustable temperature and remaining time during operation
- easy handling
- the drawer handle can be removed for easy storage
- dimensions: 32,5 x 32 x 41 cm
- weight: 6,6 kg

HG IF 29

INDUCTION HOTPLATE

- **power: 2000 W**
- free-standing, portable design
- heat-resistant, Ø29 cm glass-ceramic cooking surface
- usable pot size: Ø12 - Ø26 cm
- non-slip silicone soles
- touch button, simple control
- **power adjustable** in 10 levels per 200 Watts (200 W - 2000 W)
- **selectable temperature** in 20 °C increments, in 10 steps (from 60 to 240 °C)
- **switch-off timing: 1 minute - 3 hours**
- automatic dish recognition
- **with child lock**
- power supply: 220-240 V~ / 50-60 Hz / 2000 W
- dimensions: Ø29 x 6.4 cm

HG LS 1000

AIR FRYER

- **output: 1000 W**
- **glass lid, with built-in halogen heating and fan**
- the frying condition can be easily checked through the glass lid
- easy control of cooking/baking
- adjustable baking temperature between 45 °C - 220 °C
- adjustable baking time from 1 min
- easy, safe handling
- can be used on the stainless steel inner pot of an electric pressure cooker
- **useable pots: Ø22 cm, Ø24 cm**
- easy-to-clean
- dimensions: Ø25,5 x 12 cm



HGMS19

MINI OVEN WITH THERMOSTAT

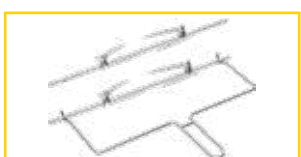
- **output: 1280 W**
- **volume: ~19 liters**
- ideal for making hot sandwiches, lasagne, mini pizzas, pre-baked fresh baguettes
- thermostatically adjustable baking temperature, max. 230 °C
- with a timer of max. 50 minutes
- insulated handle
- insulated metal cladding
- double glazed door
- **accessories: baking grid, tray, baking grid and tray catcher**
- oven size: 30 x 19 x 25 cm
- size: 45 x 29,5 x 33,5 cm
- power supply: 230 V~ 50 Hz



HGMS30G

MINI OVEN WITH THERMOSTAT

- **output: 1600 W**
- **volume: ~30 liters**
- ideal for making hot sandwiches, lasagne, mini pizzas, pre-baked fresh baguettes and **skewers**
- thermostatically adjustable baking temperature, max. 230 °C
- with timer up to 60 minutes
- insulated handle
- insulated metal cladding
- double glazed door
- **accessories: baking grid, tray, baking grid and tray clamp, rotating skewer, 2 fork clamping pins, rotating skewer lifter**
- oven compartment size: 35,5 x 21 x 28 cm
- size: 52 x 32,5 x 37 cm
- power supply: 230 V~ 50 Hz





HG GR 03

ELEKTRIC GRILL

- output: 2000 W
- ideal all year round, for indoor grilling
- warms up quickly
- **incredibly easy to clean**
- adjustable cooking temperature
- **non-stick ribbed and flat surface**
- thermostable plastic handles
- stable plastic stand with rubber feet
- removable oil drip tray
- grilling surface size: 52 x 26,5 cm
- dimensions: 62 x 8,5 x 32 cm



HG R 01WH

PORTABLE ELECTRIC HOTPLATE

- **output: 1500 W, heats up quickly**
- ideal in weekend houses, dormitories, for camping
- **Ø18 cm cooking zone**
- adjustable cooking temperature
- with stable rubber feet
- **massive, enameled housing**
- really easy to clean
- can fit in a small place
- dimensions: 21 x 6,5 x 25,5 cm

HG R 02WH

PORTABLE ELECTRIC HOTPLATE

- **output: 2500 W, heats up quickly**
- ideal in weekend houses, dormitories, for camping
- **Ø15 cm + Ø18cm cooking zones**
- adjustable cooking temperature
- with stable rubber feet
- **massive, enameled housing**
- really easy to clean
- can fit in a small place
- dimensions: 47 x 6,5 x 25,5 cm



HG MH 23 GR

MICROWAVE OVEN WITH GRILL FUNCTION

- 23 liters capacity
- **accessory grill**
- with glass turntable, Ø27 cm
- **output: 800 W microwave and 1000 W grill**
- **digital control**
- with red LED display
- time display
- operating time adjustable from 5 seconds to 95 minutes
- built-in independent kitchen timer
- microwave output adjustable in 5 levels
- **preset programs, e.g. pizza**
- defrosting by weight or time
- child lock
- with comfortable, large handle
- dimensions: 48,5 x 29,3 x 40,5 cm
- weight: 14 kg



HG MH 21

MICROWAVE OVEN

- 20 liters capacity
- **output: 700 W microwave**
- output is adjustable to 5 levels
- with defrost function
- max. 35 minutes timer
- **with comfortable, large handle**
- dimensions: 44 x 25,9 x 35,9 cm
- weight: 10,3 kg



HG R 03SS

PORTABLE ELECTRIC HOTPLATE

- **output: 1500 W, heats up quickly**
- ideal in weekend houses, dormitories, for camping
- **Ø18 cm cooking zone**
- adjustable cooking temperature
- with stable rubber feet
- **massive, enameled housing**
- really easy to clean
- can fit in a small place
- dimensions: 23 x 8,5 x 25,5 cm



HG R 04SS

PORTABLE ELECTRIC HOTPLATE

- **output: 1000 W + 1500 W, heats up quickly**
- ideal in weekend houses, dormitories, for camping
- **Ø15 cm (1000 W) + Ø18 cm (1500 W) cooking zones**
- adjustable cooking temperature
- with stable rubber feet
- **massive, enameled housing**
- really easy to clean
- can fit in a small place
- dimensions: 47 x 9 x 25,5 cm



HGMH19

MICROWAVE OVEN

- **19 l capacity**
- advanced innoWAVE* technology, constant microwave energy
- **700 W microwave power**
- power adjustable in 5 steps
- defrost function according to time or weight
- with a max. 30 minutes timer
- **with a comfortable, large handle**
- with a glass turntable, Ø245 mm
- dimensions: 44 x 25,9 x 35,85 cm
- net/gross weight: 6,6 kg/7,5 kg



HGMH32D

MICROWAVE OVEN

- **32 l capacity**
- Ø315 mm spinning glass plate
- **1000 W microwave power**
- digital control
- defrosting by mass or time
- 95 minute timer
- 5 power levels
- 8 automatic programs, multi-stage cooking
- with child lock function
- power supply: 230 V~ / 50 Hz / 1500 W
- dimensions: 52,3 x 30 x 41,8 cm



HG SZ 04

SANDWICH MAKER

- **output: 750 W**
- two sandwiches can be prepared at the same time
- power lights / ready for grill light
- **non-stick grill plates**
- easy to clean
- power cable storage
- dimensions: 22,2 cm x 9,5 x 22,1 cm



HGSZ48

SANDWICH MAKER

- **output: 1200 W**
- four sandwiches can be made at the same time
- under power / ready to bake indicator lights
- **non-stick cooking surface**
- easy to clean
- wire holder
- can be stored upright
- power supply: 220-240 V~ 50-60 Hz
- dimensions: 26 x 10 x 32 cm



HG P 01

PANINI SANDWICH MAKER

- **output: 750 W**
- **two smaller sandwiches or one large sandwich can be made at the same time**
- power light / ready for grill light
- **non-stick grill plates**
- easy to clean
- dimensions: 23 x 9 x 21 cm



HGP4

PANINI SANDWICH MAKER

- **output: 1200 W**
- large 20,5x24cm cooking surface
- up to two large sandwiches can be made at the same time
- under power / ready to bake indicator lights
- **non-stick grill plates**
- easy to clean
- wire holder
- can be stored upright
- power supply: 220-240 V / 50-60 Hz
- dimensions: 26 x 10 x 32 cm



HGOS4

WAFFLE MAKER

- output: 1200 W
- 4 pcs 11 cm diameter wafers can be made at a time
- also suitable for baking cheese waffles
- with thermostat to select the right temperature (160 - 235 °C)
- stainless steel casing
- under power / ready to bake indicator lights
- non-stick cooking surface, easy to clean
- non-slip soles
- with wire holder
- dimensions: 25 x 10,5 x 30,5 cm



HGOS19

WAFFLE MAKER

- output: 1000 W
- 19 cm diameter wafers can be made
- the still warm wafer can be transformed into a funnel with the cone included
- also suitable for baking cheese waffles
- with automatic handle
- under power/ready to bake indicator lights
- non-stick baking surface
- easy to clean
- non-slip soles
- can be stored vertically
- with wire holder
- dimensions: 19,5 x 11 x 25 cm



HG GS 21

WAFFLE MAKER

- output: 750 W
- two waffles can be made at the same time
- under power / ready for baking light
- non-stick baking surface
- easy to clean
- dimensions: 22 x 7,5 x 23 cm



HG GK 04

WAFFLE CUP MAKER

- output: 520 W
- 4 pcs cup-shape waffles can be made at the same time
- red indicator light
- non-stick baking surface
- easy to clean
- cable holder
- dimensions: 16 x 9 x 22 cm



HG BG 30

BUBBLE - WAFFLE MAKER

- output: 900 W
- makes one hexagonal bubble waffle consisting of 30 waffle bubbles
- powered / ready for use indicator lights
- non-stick baking surface
- easy to clean
- cable holder
- dimensions: 21 x 11 x 26 cm



HGKP2

TOASTER

- **output: 700 W**
- two slices of bread can be toasted at the same time
- Bread Lifting System
- **7 levels of adjustable toasting**
- CANCEL button to interrupt the toasting process
- **easy to clean crumb tray**
- wire storage
- power cable length: ~75 cm
- power supply: 220-240 V~ / 50-60 Hz
- dimensions: 22,5 x 14 x 16 cm



HG KG 01

MINI CONTACT GRILL

- **output: 800-1000 W**
- non-stick coating
- easy to clean
- **parallel baking plates that adapt to the meal height**
- overheating protection
- baking plate dimensions: 230 x 145 mm
- dimensions: 27 x 7,5 x 24 cm



HGKP22LCD

TOASTER WITH LCD DISPLAY

- **power: 950 W**
- two slices of bread can be toasted at the same time
- **with LCD display**
- automatic centering
- anti-jamming
- bread raising system
- **7 levels of toasting**
- CANCEL button to cancel toasting
- reheating and defrosting functions
- accessory bun warmer
- **easy-to-clean crumb tray**
- cord storage
- power supply: 220-240 V~ / 50-60 Hz
- size: 28.5 x 18 x 17.3 cm



HG KP 42

4-SLICE TOASTER

- **output: 1400 W**
- four slices of bread can be toasted at the same time
- intelligent toasting
- automatic center alignment
- defense against bread jamming
- **roasting adjustable in 7 levels**
- CANCEL button to stop toasting
- reheating and defrosting functions
- **bun warmer included**
- **easy-to-clean crumb tray**
- dimensions: 38,2 x 14,4 x 17,2 cm



HG KP 22

2-SLICE TOASTER

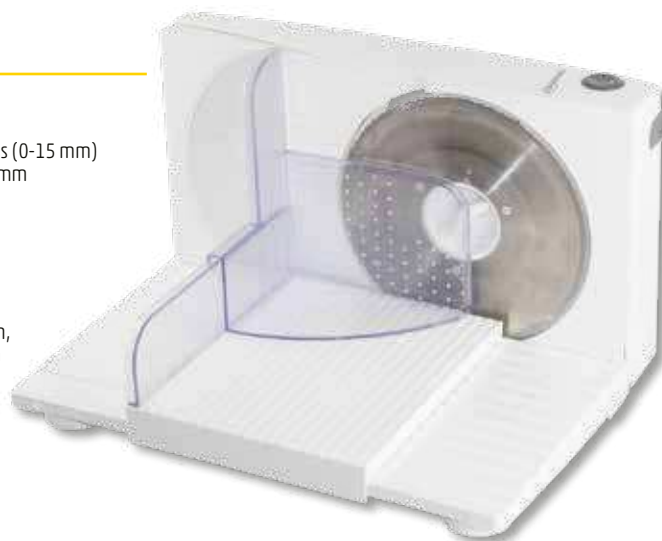
- **output: 750 W**
- two slices of bread can be toasted at the same time
- intelligent toasting
- automatic center alignment
- defense against bread jamming
- **roasting adjustable in 7 levels**
- CANCEL button to stop toasting
- reheating and defrosting functions
- **bun warmer included**
- **easy-to-clean crumb tray**
- dimensions: 26 x 14,4 x 17,2 cm



HG SIZE 01

SLICER

- **output: 150 W**
- steplessly adjustable slicing thickness (0-15 mm)
- stainless steel rotating blade, Ø170 mm
- **non-slip soles**
- safety switch
- foldable, easy-to-store
- **recessed cable holder**
- overheating protection
- length of power cable: 85 cm
- dimensions: opened: 26 x 20 x 33 cm,
folded: 9,5 x 20 x 33 cm



HGHD1200

MEAT MINCER

- **maximum power: 1200 W**
- **3 stainless steel cutting blades**
(3 mm fine, 5 mm normal, 7 mm coarse) included
- stainless steel knife
- stainless steel dispensing tray
- **sausage stuffer and kebbe maker included**
- change of rotation direction
- **suction cup feet**
- power supply: 220-240 V~ / 50-60 Hz
- dimensions: 18 x 33 x 35 cm
- weight: 3,3 kg



HGHD1200PP

TOMATO PASSER FOR MEAT GRINDER

- tomato passer for HGHD1200 meat grinder
- suitable for pureeing tomatoes or other fruits



HGHD1200SZ

SLICING, GRINDING SET FOR MEAT GRINDER

- slicing and grinding set for meat grinder HGHD1200
- 3 types of inserts: slicer, sub-grater, diatomizer



HG PR 06

ESPRESSO COFFEE MACHINE

- output: 800 W, 3,5 bar pump pressure
- suitable to prepare 4 cups of espresso coffee
- with milk frother to make cappuccino
- red indicator light
- glass carafe with thermally insulated handle
- removable drip tray
- easy to clean
- non-slip silicone soles
- overheating protection
- dimensions: 17 x 32 x 23,5 cm



HG PR 06/K

GLASS CARAFE FOR HG PR 06 ESPRESSO COFFEE MACHINE



HGPR15

ESPRESSO COFFEE MACHINE

- output: 850 W
- the brewing process lasts until it stops, so you can make 1 or 2 cups of espresso or even a long coffee in one step
- with milk frother for making cappuccino
- 15 bar pressure
- 1,5 litre capacity removable water tank
- electronic control
- with cup warmer
- with stainless steel filter
- removable drip tray
- easy cleaning
- non-slip soles
- automatic switch-off
- dimensions: 23 x 28,5 x 29 cm
- weight: 3,5 kg



HGPR16

ESPRESSO COFFEE MACHINE

- output: 1100 W
- suitable for making 1 or 2 cups of espresso coffee
- with milk frother for making cappuccino
- 15 bar pressure
- 1,2 litre capacity removable water tank
- electronic control
- with cup warmer
- with stainless steel filter
- removable drip tray
- easy cleaning
- suction disc feet
- automatic switch-off
- dimensions: 16 x 31 x 31 cm
- weight: 2,5 kg



HGKV10

FILTER COFFEE MACHINE

- output: 750 W
- suitable for making 10 cups of coffee or tea
- water tank capacity 1,25 litre
- glass jug with insulated handle
- automatically closing valve when the glass jug is removed
- washable plastic permanent filter
- can be used with paper filters
- heated warming plate
- automatic switch-off
- easy cleaning
- protection against overheating
- dimensions: 18 x 29 x 22,5 cm
- weight: 1,2 kg



HG TH 150

MILK FOAM MAKER

- power: 450-550 W
- thermostat controlled, for making warm milk/ milk foam
- heating milk 300 ml, making milk foam from 150 ml milk
- stainless steel / double wall plastic design
- non-stick inner surface
- easy to clean
- heating to 65°C
- size: 10 x 20 x 15,5 cm



HG KD 75

COFFEE GRINDER

- power: 150 W
- stainless container and knives
- 75 g coffee bean capacity
- simple, safe handling
- easy cleaning
- size: Ø10,5 x 19 cm



VIDEO



9082-3

COFFEE MAKER

- Italian design
- **capacity: 2 cups**
- aluminum material food safety standard EN601
- heat-resistant handle up to 210°C



PEDRINI

9084-3

COFFEE MAKER

- Italian design
- **capacity: 6 cups**
- aluminum material food safety standard EN601
- heat-resistant handle up to 210°C



PEDRINI

W2062

MILK FOAM MAKER

- for foaming milk, sauces, smoothies or other liquid foods
- power supply: 2 x 1.5 V (AA) batteries, not included
- material: plastic+metal



PEDRINI

HGSZG1000

SODA MAKER

- contents of the package:
1 soda machine
- 1 BPA-free water bottle** with stainless steel cap and base (HGSZG1000P)
- **the capacity of the water bottle is 1 l**
- 850 ml of water can be carbonated in the water bottle
- compatible with standard CO₂ cartridge (Ø6 x 36.5 cm; 425 g CO₂)
- product size: 14 x 41.5 x 25 cm
- empty weight with water bottle: 2300 g
- The package does not contain a CO₂ cartridge!**



HGSZG1000P

WATER BOTTLE FOR HGSZG1000 SODA MACHINE

- **BPA free**
- material: PET plastic
- **with stainless steel lid and base**
- the capacity of the bottle is 1 l
- 850 ml of water can be carbonated in the bottle
- empty weight: 230 g

30151214

SODAPOP CO₂ CARTRIDGE - UNIVERSAL

- Sodapop universal cartridge for soda machine
- 425 g CO₂
- for making 60-80 liters of soda



HG VF 04

ELECTRIC KETTLE

- **2000 W output**
- **1,7 liter water tank**
- double-walled, stainless steel, plastic design
- liquid level can be seen from both sides
- drip-free pouring
- removable water filter
- 360° rotatable stand
- **hidden heating thread**
- insulated handle
- easy to clean
- overheating protection
- dimensions Ø16 x 24 x 26 cm



HG VF 05

ELECTRIC KETTLE

- **output 2000 W**
- **1,2 liter water tank**
- **liquid level can be seen from both sides**
- **drip-free pouring**
- removable water filter
- 360° rotatable stand
- **hidden heating thread**
- insulated handle
- easy to clean
- overheating protection
- dimensions: Ø14 x 21 cm



10-266-013**CUTLERY COOKER**

- **22 cm diameter**
- cleaning: not dishwasher safe
- material: stainless steel 18/8 (SS 304)
- stove type: gas, electric, induction, halogen
- capacity: 6 liters
- weight: 2.6 kg

**10-103-171****BAKING PLATE**

- cleaning: not dishwasher safe
- coating: non-stick ceramic coating
- stove type: gas, electric
- capacity: 6.0 l
- **size: 28 x 40 cm**
- weight: 0.61 kg

**10-144-100****PAN**

- **20 cm diameter**
- non-stick stone coating
- **induction compatible**
- dishwasher safe
- hanging ring

**10-144-103****PAN**

- **28 cm diameter**
- non-stick stone coating
- **induction compatible**
- dishwasher safe
- hanging ring

**10-144-110****WOK PAN**

- **28 cm diameter**
- non-stick stone coating
- **induction compatible**
- dishwasher safe
- hanging ring

**10-144-112****FRY PAN**

- **24 cm diameter**
- non-stick stone coating
- **induction compatible**
- dishwasher safe
- hanging ring



10-144-130

LOW CASSEROLE

- 28 cm diameter
- non-stick stone coating
- **induction compatible**
- glass lid
- dishwasher safe



10-144-122

SAUCEPAN

- 28 cm diameter
- non-stick stone coating
- **induction compatible**
- glass lid
- dishwasher safe



10-144-121

SAUCEPAN

- 24 cm diameter
- non-stick stone coating
- **induction compatible**
- glass lid
- dishwasher safe



10-144-120

SAUCEPAN

- 20 cm diameter
- non-stick stone coating
- **induction compatible**
- glass lid
- dishwasher safe



10-239-003

BAKING TRAY

- non-stick coating
- thickness: 0.4 mm
- height: 1.5 cm
- **material: carbon steel**
- **size: 29 x 43.5 cm**



10-104-007

COFFEE POT

- 600 ml capacity
- non-stick stone coating
- **dishwasher safe**



10-111-081

SILICONE OVEN GLOVES

- thickness: 3 mm
- height: 1 cm
- **non-slip surface**
- **material: silicone, fabric inside**
- can be washed in a dishwasher
- **size: 19 x 30 cm**



10-274-001

SCALE WITH MEASURING CUP WITH DIGITAL DISPLAY

- **measuring scales: ml, oz, cup**
- **capacity: max 1500 ml, 55 oz, 6 cups**
- measuring degrees: 50ml, 2oz, 1/4 cup
- max. weight: 5 kg
- **measurement accuracy: 1 g**
- unit display: gr, oz, ml
- **tare function**
- on-off button
- automatic shutdown after 2 minutes
- low battery level display
- overload display
- non-slip base
- power supply: 2 x 1.5 V (AAA) batteries, not included



HGBMS65

STICK BLENDER SET

- **output: 1000 W**
- stainless steel mixer, measuring cup, whisk and bowl shredder included
- 2 speeds
- ergonomic handle
- easy to assemble
- stainless steel knives
- capacity of bowl shredder: 500 ml
- measuring cup capacity: 650 ml
- easy cleaning
- power supply: 220-240 V~ / 50-60 Hz / 1000 W
- dimensions: Ø6,5 x 36,5 cm



HG BM 12

HAND BLENDER

- **output: 250 W**
- ergonomic grip
- **stainless steel blender**
- made of ABS
- **high speed (15.000 / min)**
- mixing shaft can be removed easily
- **easy to clean**
- overheating protection
- dimensions: Ø6,5 x 35 cm



HGKM40

HAND MIXER

- **output: 400 W**
- **5 gears + TURBO gear**
- whisk and kneading arms included
- release button for convenient release of the mixing stems
- easy cleaning
- power supply: 220-240 V~ 50-60 Hz
- dimensions: 19 x 15 x 8 cm



HG KM 18

HAND MIXER

- **output: 250 W**
- **5 speed stages**
- TURBO stage
- egg-beater and kneading hooks are included
- **adjustable on kitchen counter**
- **easy to clean**
- overheating protection
- dimensions: 14 x 20 x 9 cm



HGTB15

BLENDER

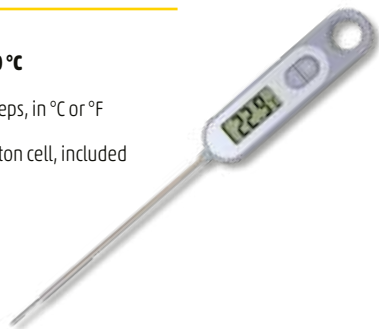
- **output: 800 W**
- **1,5 litre capacity glass tank**
- 50 ml measuring cup that fits into the lid
- **stainless steel knives**
- **2 speeds + pulse function**
- non-slip soles
- easy to assemble
- easy to clean
- with wire storage
- dimensions: 19 x 39 x 18,5 cm
- weight: 2,6 kg



HG TM 01

DIGITAL CORE THERMOMETER

- measuring range: -50 °C to + 300 °C
- 15 cm probe
- temperature display in 0,1 °C/°F steps, in °C or °F
- on/off switch
- power supply: 1 x 1,5 V (LR44) button cell, included
- dimensions: 26 x 3 x 1,5 cm



HG M 05

KITCHEN SCALE

- measurement range: 5 kg
- measurement accuracy: 1 g
- tare function
- units g/oz, lb; water ml/cup; milk ml/cup
- non-slip soles
- automatic switch off
- low power indication
- overload indication
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 20 x 18 x 1,7 cm



HG M 15

KITCHEN SCALE

- measurement range: 15 kg
- measurement accuracy: 1 g
- with red LED display, which is visible even during measurement
- tare function
- units kg/ lb / g
- non-slip soles
- automatic switch off
- low power indication
- overload indication
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 27 x 25 x 1,8 cm



HGAP15

CHOPPER WITH GLASS BOWL

- power: 400 W
- durable 1,8 litre capacity glass bowl
- 2 2-edged stainless steel knives, which can be used simultaneously
- efficient chopping: suitable for meat, vegetables, fruit, nuts, walnuts, etc.
- simple, two-button operation
- 2 speeds
- STOP function: the knife stops almost immediately
- easy cleaning
- protection against overheating
- power supply: 220-240 V~ / 50-60 Hz
- dimensions: 24 x 25,5 x 18 cm



HG AP 13

CHOPPER

- output: 320 W
- stainless steel knives
- 1 liter capacity glass bowl
- easy to use
- easy to clean
- overheating protection
- dimensions 19 x 22 x 16 cm

HG AP 18

MULTIFUNCTIONAL CHOPPER

- power: 400 W
- durable 1,8 litre capacity glass bowl, non-scratch
- 4-bladed stainless steel knife for efficient chopping: suitable for meat, vegetables, fruit, peanuts, nuts, etc.
- STOP function: the knife stops almost immediately
- easy one-button control
- quick to dismantle, easy to clean
- accessories: 4-bladed knife, kneading lever, whisking disc, peeling roller (for garlic)
- power supply: 220-240 V~ / 50 Hz
- dimensions: 21,8 x 25,8 x 18 cm



HG FMZ 18

BATHROOM SCALE

- **maximum load capacity: 180 kg**
- measurement accuracy: 100 g
- **body fat, body water, muscle mass, bone mass measurement**
- **automatic switch on and off**
- battery status and overload indicator
- in memory storage of 10 users
- available measurement units: kg/lb/st
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 30 x 30 cm



HG FM 12

BATHROOM SCALE

- **measurement limit: 180 kg**
- measurement accuracy: 100 g
- automatic on/off switch
- battery status and overload indication
- **LCD display: 62 x 26 mm**
- power supply: 2 x 1,5 V (AAA) battery, not included
- dimensions: 28 x 28 x 2 cm



HG HSZ 22

HAIR DRYER

- **output: 1800-2200 W**
- 2 speed stages
- 3 temperature stages
- **cold air function**
- hanging design
- air concentrator for concentrated air flow
- dimensions: 30 x 26 x 9 cm



HG HSZ 18

HAIR DRYER

- **output: 1400 W**
- **foldable handle**
- hanging design
- two stages for efficient hair drying
- air concentrator for concentrated air flow
- dimensions 19 x 23 x 7,5 cm



HGHSZ15

HAIR DRYER "HIGH SPEED"

- **output: 1500 W**
- **extremely fast drying**
- 3 speeds and 3 temperature levels
- selectable hot/cold alternating airflow - comfortable hair drying
- cold air to fix the hairstyle
- **negative ion conditioning for silky soft and shiny hair**
- **speed and temperature memory**
- with magnetic restraint
- dimensions: 28,8 x 9 x 7,3 cm
- weight: 0,62 kg



HG HS 12

HAIR AND BODY HAIR TRIMMER SET

- **wired and wireless use**
- 5 replaceable heads: wide, standard and precision cutting head, nose hair trimmer, razor
- 7 plastic combs: hair clipper 3, 6, 9, 12 mm / beard trimmer 4, 6, 8 mm
- **charging indicator LED**
- 60-minute operation with 2-hour charging
- built-in Li-ion battery
- charging and storage stand, mains adapter included



HG TR 01

NOSE HAIR TRIMMER

- **nose and ear hair, and eyebrow trimmer**
- micro-cut system
- eyebrow comb (2 sizes) and cleaning brush included
- power supply: 1 x 1,5 V (AA) battery, not included
- dimensions: Ø2,5 x 16 cm



HG V 22

CERAMIC SOLEPLATED IRON

- **output: 1850-2200 W**
- **ceramic coated soleplate**
- self-cleaning function
- steaming and vertical steam-shot functions
- water spray function
- heating indicator light
- flexible power cable connection
- approx. 160 ml water tank
- dimensions: 25,5 x 13,5 x 10 cm



HGV26

CERAMIC SOLEPLATED IRON

- **output: max. 2600 W**
- **ceramic coated soleplate**
- self-cleaning function
- steam and vertical steam functions
- water spray function
- **drip and descaling function**
- heating indicator light
- approx. 430 ml water tank
- flexible power cable connection
- connecting cable length: 1.9 m
- dimensions: 12,8 x 15,3 x 31,3 cm
- weight: 1,317 kg



HGPB8

ELECTRIC CLEANING BRUSH SET

- **great help in all areas of the household**
- kitchen, bathroom, living room, terrace...
- shower tray, bath, tiles, window...
- frying pan, hob, sink, garden furniture, car wheel...
- heads for powerful and gentle cleaning or polishing
- cleaning heads of different sizes and shapes
- **variable speed**; low-high
- comfortable use with the **telescopic metal handle**
- overload
- built-in battery with fast charging
- 5-stage **charge status display**
- expected charging / operating time: ~3h / ~30p
- USB-C charging cable, **8 cleaning heads** included
- spare head set: HGPB8T
- recommended charger: SA 20PPS, SA 24USB
- dimensions: 21 x 20 x 9,5 cm



HGPB8T

CLEANING BRUSH SET

- 8-piece replacement head set
- suitable for HGPB8
- **for powerful and gentle cleaning or polishing**
- cleaning heads in different sizes, shapes and materials



Cooling technology

ACH 12000

COOLING-HEATING MOBILE AIR CONDITIONER

- local air conditioning equipment
- **ideal for 26 m² premises**
- **4 operating modes: cooling, fan, drying, heating**
- on and off timer (24 h)
- all functions can be controlled remotely
- **can be controlled remotely from the phone with the Smart Life application** (WiFi 2.4 GHz)
- **cooling / heating power: 3.5 kW / 3.3 kW**
- maximum drying capacity: 36 l / 24 h
- remote control power supply: 2 x 1.5 V (AAA) batteries, not included
- power supply: 220-240 V~ / 50 Hz / 1370 W
- dimensions: 44 x 82 x 35 cm
- weight: net 27 kg
- **energy efficiency class: cooling: A / heating: A+**



WARNING!

The appliance is filled with propane gas (R290). The device must be installed, used and stored in an area of at least 11,8 m²!

WSL 4

WINDOW INSULATION FOR MOBILE AIR CONDITIONING

- **it helps keep the cold in and the heat out with an open window**
- easy installation with Velcro
- can be fitted to all tilt and turn window types
- **connection of outlet hose via zipper**
- durable material
- length: 4 m
- self-adhesive Velcro included
- excellent for use with mobile air conditioners





LH 301

AIR COOLER

It cools the air flowing through it by evaporating cold water, thus ensuring a fresh, pleasant feeling. The air speed is controlled by a 3-speed fan, and the air distribution is ensured by air deflectors that can be turned on and off.

- built-in water tank (3 l)
- **ice packs included** (LH301A)
- replaceable vaporizer mat (LH 301/T)
- adjustable ventilator output (3 stages)
- **switchable air blades**
- ergonomic carrying handle
- rolling on castors, lockable
- power supply: 230 V~ / 50-60 Hz / **80 W**
- dimensions: 25 x 58 x 28 cm



LHP400D

AIR COOLER WITH REMOTE CONTROL

It cools the air flowing through it by evaporating cold water, thus ensuring a fresh, pleasant feeling. The air speed is controlled by a 3-speed fan, and the air distribution is ensured by air deflector slats that can be turned on and off.

- can be controlled with touch buttons and a remote control
- switchable environmentally friendly air cooling by evaporating water
- water tank size: 3,2 l
- **supplied with 2 ice packs** (LH301A)
- replaceable evaporator pad (LHP400DT)
- 3 fan speeds
- **3 fan modes: normal, natural wind, sleep**
- switchable air diffusion
- switch-off timer: 0,5 - 15,5 hours
- easy to roll on wheels, brakeable
- remote control power supply: 1x3 V (CR2025) button cell, included
- power supply: 220-240 V~ / 50-60 Hz / **80 W**
- unit weight: 3,5 kg



LH301A

ICE PACK FOR LH301, LHP400D AIR COOLERS (2 PCS)



LHP400DT

VAPORIZER MAT FOR LHP400D



LH 300/T

VAPORIZER MAT FOR LH 300

LH 301/T

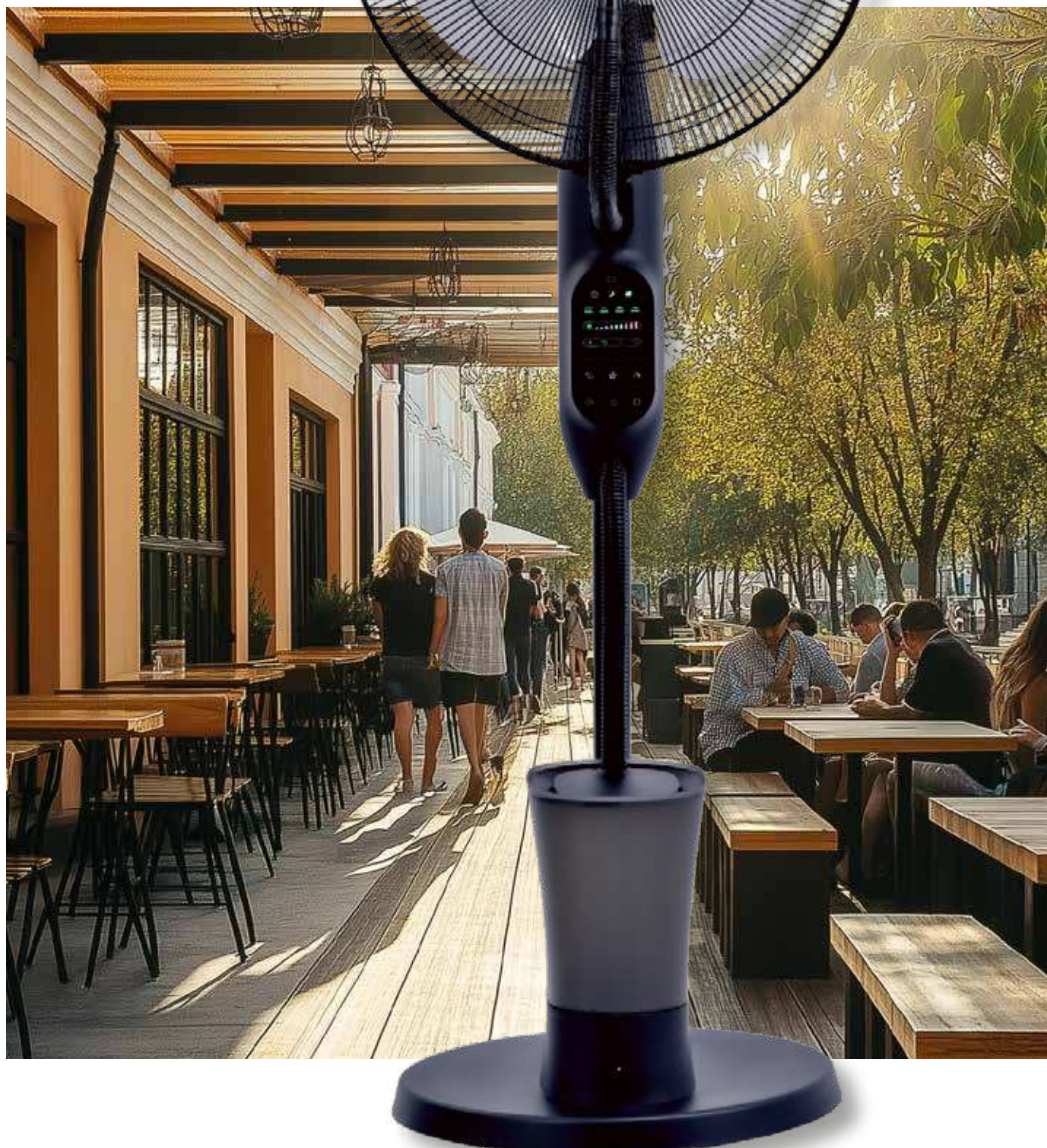
VAPORIZER MAT FOR LH 301



SFM43BK

MIST FAN

- nominal blade diameter: 40 cm
- 3 fan blades
- can be controlled with electronic foil buttons or remote control
- 3 gears
- normal, natural wind and night mode
- switchable oscillation
- switch-off time 0.5-7.5 hours
- adjustable head tilt angle
- **top-fillable water tank, 2.8 l**
- **humidification adjustable in 3 levels, which can also be used independently**
- humidification max. 220 g / hour
- easy to roll on wheels
- remote control power supply 2 x 1.5 V (AAA) batteries, not included
- power supply: 220-240 V~ / 50-60 Hz / **75 W**
- dimensions: 43 x 127 x 40 cm





PVR 50

FLOOR FAN

- nominal fan blade diameter: 50 cm
- adjustable output (3 stages)
- adjustable tilt angle of head (90°)
- **metal blades**
- massive chrome plated protective grid
- power supply: 230 V~ / 50 Hz / **120 W**
- dimensions: 60 x 58 x 25 cm

PVR 35

FLOOR FAN

- nominal fan blade diameter: 35 cm
- adjustable output (3 stages)
- adjustable tilt angle of head (90°)
- **metal blades**
- massive chrome plated protective grid
- power supply: 230 V~ / 50 Hz / **60 W**
- dimensions: 46 x 46 x 20 cm





TWFR822

TOWER FAN

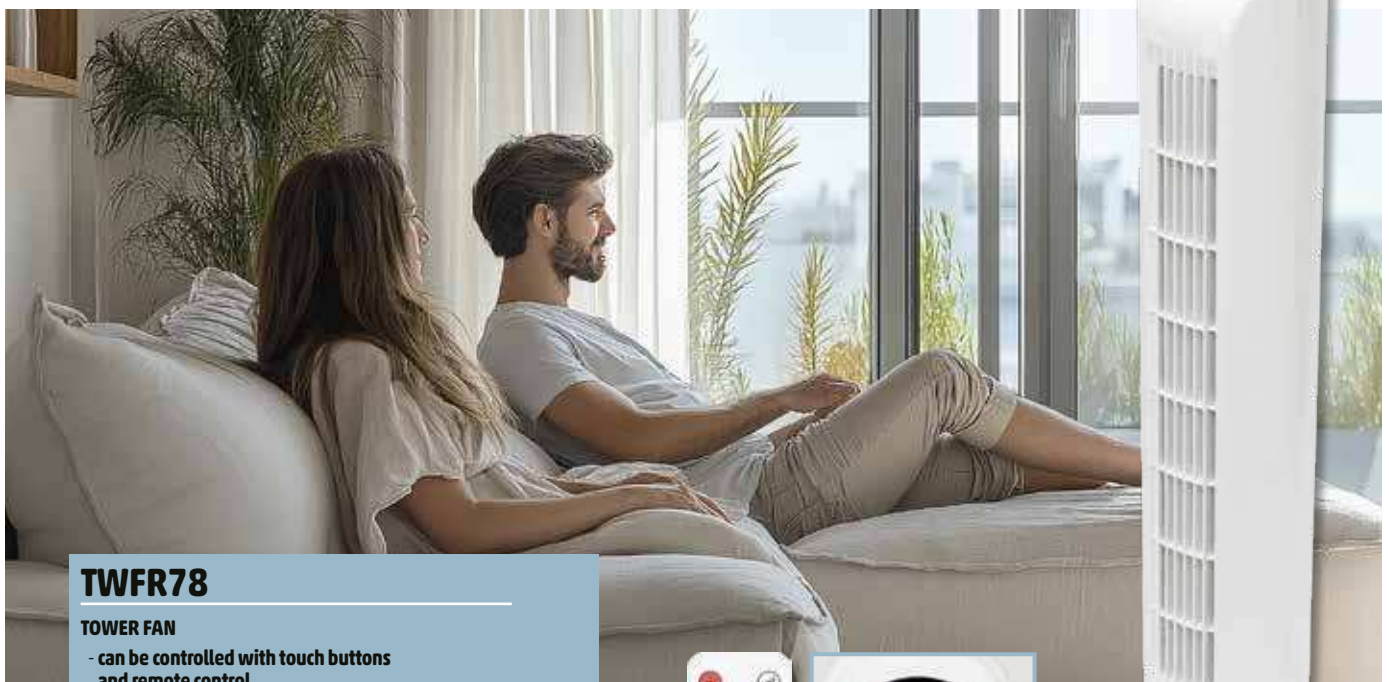
- easy to control with a rotary knob
- 3 speeds
- switchable oscillation
- easy to move with ergonomic carrying handle
- low space requirement fan
- power supply: 220-240 V~ / 50-60 Hz / **45 W**
- size: Ø280 x 790 mm
- weight: 2,75 kg



TWFR100B

TOWER FAN

- controlled by touch buttons and remote control
- large display size
- 3 speeds
- normal, natural wind and night mode
- **switch-off timing 0,5-7,5 hours**
- switchable oscillation
- power supply: 220-240 V~ / 50-60 Hz / **45 W**
- size: 245 x 790 x 245 mm
- weight: 2,7 kg



TWFR78

TOWER FAN

- can be controlled with touch buttons and remote control
- large display
- **room temperature**
- 3 gears
- normal and night mode
- switch-off timing 1-12 hours
- switchable oscillation
- power supply: 220-240 V~ / 50-60 Hz / **45 W**
- size: Ø215 x 780 mm
- weight: 2,3 kg



SFI45H

STANDING METAL FAN

- nominal fan blade diameter: 45 cm
- adjustable height (116-147 cm)
- adjustable output (3 stages)
- adjustable tilt angle of head
- **metal blades**
- dense grid
- power supply: 230 V~ / 50 Hz / **110 W**
- dimensions: 56 x 147 cm



SFS 40

STANDING METAL FAN

- nominal fan blade diameter: 40 cm
- adjustable height (90 - 120 cm)
- adjustable output (3 stages)
- switchable oscillation (85°)
- adjustable tilt angle of head (+/- 15°)
- **metal blades**
- power supply: 230 V~ / 50 Hz / **50 W**
- dimensions: 40 x 120 cm



SFP 40

STANDING FAN WITH REMOTE CONTROL

- nominal fan blade diameter: 40 cm
- adjustable height (110 - 130 cm)
- adjustable output (3 stages)
- wind function (2 levels)
- switchable oscillation (90°)
- timer (30 minutes - 7,5 hours)
- **all functions are remote controllable**
- power supply: 230 V~ / 50 Hz / **45 W**
- dimensions: 40 x 130 cm



SFT40R

STANDING FAN WITH REMOTE CONTROL 3IN1

- nominal blade diameter: 40 cm
- can be controlled with touch buttons or remote control
- can be installed in 3 different heights (78/105/132 cm)
- 5 transparent fan blades
- adjustable head tilt angle
- **white LED display, can be turned off**
- 4 gears + night function
- switchable oscillation
- switch-off timing 1-9 hours
- remote control power supply: 1 x 3 V (CR2025) button battery, included
- power supply: 220-240 V~ / 50-60 Hz / **60 W**
- dimensions: 46 x (78/105/132) x 40 cm





SF 40 WH

STANDING FAN

- nominal blade diameter: 40 cm
- with mechanical push buttons
- 3 speeds
- switchable oscillation
- adjustable head angle
- adjustable height: 103 - 125 cm
- power supply: 220-240 V~ / 50-60 Hz / **45 W**
- dimensions: 62 x 62 x 125 cm
- weight: 2,5 kg
- white

SF 40 BK

- black



FS40-21M

STANDING FAN

- nominal blade diameter: 40 cm
- adjustable height (94-124 cm)
- convenient switching of stages with a rotary switch on the motor
- adjustable power (3 stages)
- switchable oscillation (80°)
- adjustable head tilt angle (+15°)
- power supply: 230 V~ / 50 Hz / **40 W**
- dimensions: 70 x 70 x 124 cm



TF 23 TURBO

DESK AND WALL FAN

- nominal fan blade diameter: 23 cm
- 3 fan speeds, rotary switch
- 90° tiltable head
- accessory studs and screws for wall mounting
- power supply: 230 V~ / 50 Hz / **50 W**
- dimensions: 26 x 28 x 17 cm



TF 10 USB

DESK FAN, USB

- nominal fan blade diameter: 10 cm
- 1 fan speed
- 4 pcs transparent plastic blades
- power supply from USB socket: 5 V / 500 mA / **2.5 W**
- recommended adapter: SA 24USB, NV 2100 USB, SA 200CPD, not included
- with **1,4 m USB cable**
- dimensions: 14,5 x 15 x 9,5 cm
- black



TF 10 USB/WH

- white



TF30WH

DESKTOP FAN

- nominal blade diameter: 30 cm
- 3 fan blades
- white plastic paddles
- metal grid
- 3 speeds
- switchable oscillation
- adjustable head angle
- with rubber feet
- power supply: 220-240 V~ / 50-60 Hz / **40 W**
- dimensions: Ø35 x 47 x 25 cm



CLF 10/BK

VIDEO



BATTERY POWERED CLIP-ON FAN

- nominal blade diameter: 14cm
- optional clipping on a shelf (max. 25mm) or placement on a table top
- 3 fan speeds
- head adjustable in any direction
- electronic push button
- indicator LED
- Li-ion, 18650, 1800mAh battery
- 3 to 6 hours operating time (at high / low power)
- ~3 hours charging time **with the fan working while charged**
- USB cable included
- dimensions: 15 x 19 x 13 cm



HF 9/WH

HAND-HELD, RECHARGEABLE FAN

- nominal blade diameter: 9 cm
- can be used hand-held or on the desk holder
- 4 transparent plastic blades
- 3 fan speed
- accessory USB charging wire
- accessory Li-ion battery: 18650/3,7 V /1200 mAh
- charging, switched-on state indicator LEDs
- output: 4 W
- dimensions: Ø10,5 x 22 x 6,5 cm



AIR 18 WIFI

AIR CLEANER

Can also be controlled with TUYA smart application

- air flow: 150 m³/hour
- recommended room size: max. 18 m²

- HEPA filter

- high, medium, low fan speed selectable with touch buttons, ioniser function

- filter change warning on the device, number of remaining days via the application

- included air filter (AIR 18 WIFI/S)
- power supply: 230 V~ / 50 Hz / 28 W
- dimensions: Ø213 x 280 mm



VIDEO



AIR 50/S

AIR FILTER AIR 50



AIR 18 WIFI/S

FILTER FOR AIR 18 WIFI
AIR CLEANER

- built-in HEPA filter
- dimensions: Ø175 x 135 mm



DHM 10LR

DEHUMIDIFIER

- **ECO friendly filling gas (R290)**
- dehumidifying capacity: 10 l / 24 h (30 °C, RH: 80%)
5 l / 24 h (27 °C, RH: 60%)
- **recommended room size: 10 - 20 m²**
- 5 operation modes (Dehumidify, Automatic, Continuous, Fast Dry Clothes, Fan)
- **memory for last settings**
- current relative humidity display
- **adjustable desired humidity (30% - 80% RH)**
- 1 - 24 hour, shutdown timing, adjustable per hour
- 2,2 liter water tank, indication light for full tank
- included drain pipe (30 cm) to be used optionally
- child lock
- dimensions: 28,4 x 48 x 24 cm



Attention! Risk of fire!

Appliance shall be installed, operated and stored in a room with a floor area larger than 4 m² !

DHM 710

DEHUMIDIFIER

It is a Peltier-based device, no compressor, no air conditioner gas. Consequently, the device is light and operates quietly.

- **dehumidification max. 700 ml/day (25 °C, 85% RH)**
- **1,65 liter water tank**
- switches off automatically when the water tank is full
- light, silent device
- power supply: 220-240 V~ / 50 Hz / 72 W
- dimensions: 24 x 36 x 12 cm



DHM 300

DEHUMIDIFIER

It is a Peltier system-based device, no compressor, no air conditioner gas. Consequently, the device is light and operates quietly.

- **dehumidification max. 300 ml/day (25 °C, 85% RH)**
- **0,5 liter water tank**
- switches off automatically when the water tank is full
- accessory power adapter
- light, compact, silent appliance
- output: 22,5 W
- dimensions: 15 x 22 x 13 cm



Heating technology

SPOT DESIGN

CONVECTOR HEATER

- aluminum heating element
- IP24 protection
- open window sensor
- built-in digital thermostat
- **electronic control**
- weekly program
- temperature calibration
- 3 preset programs and 3 customizable programs
- child lock
- white color
- on/off button
- can be used as a wall-mounted and free-standing heater
- for use as a free-standing heater a set of castors (Noirot A691600 castor set) is required



type	power	size, weight
E176111	500 W	440 x 340 x 104 mm, 2,7 kg
E176113	1000 W	440 x 420 x 104 mm, 3,3 kg
E176115	1500 W	440 x 580 x 104 mm, 4,4 kg
E176117	2000 W	440 x 740 x 104 mm, 5,6 kg
E176118	2500 W	440 x 900 x 104 mm, 7,5 kg

SPOT WI-FI

CONVECTOR HEATER

- aluminum heating element
- IP24 protection
- weekly program
- child lock
- satin white color
- built-in digital thermostat
- **control with Capa Connect application**
- remote and centralized control via smartphone or tablet
- organization by room
- On/Off temperature control
- time programming: daily and weekly heating settings
- temporary override
- on/off button
- can be used as a wall-mounted and free-standing heater
- for use as a free-standing radiator a set of castors (Noirot A691600 castor set) is required



type	power	size, weight
E179113	1000 W	440 x 420 x 110 mm, 3,8 kg
E179115	1500 W	440 x 580 x 110 mm, 4,5 kg
E179117	2000 W	440 x 740 x 110 mm, 5,8 kg
E179118	2500 W	440 x 900 x 110 mm, 6,5 kg

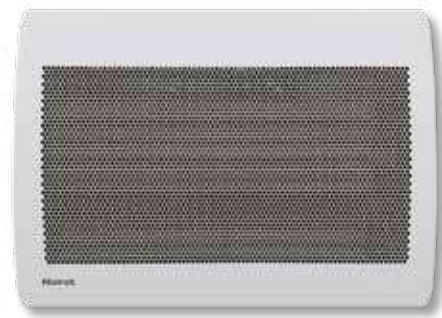




RADIANCE

ELECTRIC HEAT RADIANT PANEL

- **radiant panel heating element**
- IP24 protection
- open window sensor
- built-in thermostat with LCD display
- 0.5 degree accuracy
- PIN code lock
- 6 hour memory in case of power failure
- wall and portable version
- weekly program
- 3 preset programs and 3 customizable programs
- child lock
- on/off button
- wall-mounted design

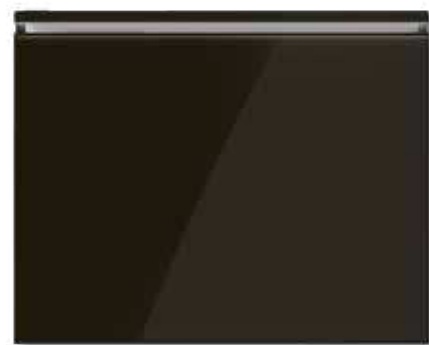


type	power	size, weight
E184113	1000 W	440 x 630 x 110 mm, 4,7 kg
E184115	1500 W	440 x 790 x 110 mm, 5,9 kg
E184117	2000 W	440 x 1030 x 110 mm, 7,3 kg

VERLYS

ELECTRIC RADIATOR

- **convective and infrared heating mode**
- tempered glass front with heating foil
- IP24 protection
- open window sensor
- weekly program
- 3 preset programs and 3 customizable programs
- child lock
- built-in thermostat with LCD display
- 0.5 degree accuracy
- PIN code lock
- on/off button
- 6 hour memory in case of power failure
- anthracite or white color
- wall-mounted design



type	teljesítmény	power	size, weight
E211113	1000 W	white	480 x 600 x 95 mm, 8,5 kg
E211115	1500 W	white	480 x 807 x 95 mm, 11,5 kg
E211117	2000 W	white	480 x 1000 x 95 mm, 14,0 kg
E211123	1000 W	anthracite	480 x 600 x 95 mm, 8,5 kg
E211125	1500 W	anthracite	480 x 807 x 95 mm, 11,5 kg
E211127	2000 W	anthracite	480 x 1000 x 95 mm, 14,0 kg

INOVA H

ELECTRIC RADIATOR

- IP24 protection
- open window sensor
- weekly program
- 3 preset programs and 3 customizable programs
- child lock
- built-in thermostat with LCD display
- 0.5 degree accuracy
- PIN code lock
- 6 hour memory in case of power failure
- wall-mounted and portable version
- on/off button
- white color
- wall-mounted design



Noirot

type	power	size, weight
E216113	1000 W	440 x 630 x 105 mm, 5,5 kg
E216115	1500 W	440 x 790 x 110 mm, 7,5 kg
E216117	2000 W	440 x 950 x 110 mm, 9,2 kg



INOVA V: E216215

HEATER

- 1500 W power
- IP24 protection
- open window sensor
- weekly program
- 3 preset programs and 3 customizable programs
- child lock
- built-in thermostat with LCD display
- 0.5 degree accuracy
- PIN code lock
- 6 hour memory in case of power failure
- on/off button
- white color
- dimensions: 1057 x 440 x 124 mm
- weight: 10.9 kg
- wall-mounted, vertical installation



CALDERA

LAVA STONE RADIATOR

- aluminum and lava stone heating element
- IP24 protection
- open window sensor
- presence sensor with automatic programming function
- weekly program
- 3 preset programs and 3 customizable programs
- child lock
- built-in thermostat with LCD display
- ultra-precise electronic control
- PIN code locking
- temperature calibration
- can be connected to Intuis Connect Gateway module
- on/off button
- white color
- wall-mounted design



type	power	size, weight
E219113	1000 W	612 x 610 x 123 mm, 17,3 kg
E219115	1500 W	612 x 930 x 123 mm, 25,7 kg
E219117	2000 W	612 x 1170 x 123 mm, 33,5 kg





AMAROC

CERAMIC HEATER

- ceramic heating element
- IP24 protection
- open window sensor
- 3 preset programs and 3 customizable programs
- child lock
- built-in thermostat with LCD display
- 0.1 tenth of a degree accuracy
- PIN code lock
- temperature calibration
- 6-hour memory in case of power failure
- on/off button
- white color
- wall-mounted design



type	power	size, weight
E222113	1000 W	585 x 590 x 112 mm, 12,6 kg
E222115	1500 W	585 x 750 x 112 mm, 17,2 kg
E222117	2000 W	585 x 910 x 112 mm, 21,9 kg

ANURI: E221124

TOWEL DRYER

- aluminum heating element with fan
- 1200 W power (500 W normal + 700 W fan heating)
- IP24 protection
- 2-hour BOOST function
- open window detection
- ultra-precise electronic control
- fan dust filter saturation detection
- built-in digital thermostat
- illuminated LCD screen
- 3 preset programs and 3 customizable programs
- child lock
- anthracite gray color
- dimensions: 741 x 366 x 174 mm
- weight: 7.6 kg
- wall-mounted vertical design



Noirot
MADE IN FRANCE

WALTER

ACTIVE CAST IRON RADIATOR

- cast iron heating element
- IP24 protection
- open window sensor
- presence sensor
- weekly program
- 3 preset programs and 3 customizable programs
- child lock
- built-in thermostat with LCD display
- ultra-precise electronic control
- PIN code locking
- 6-hour memory in case of power failure
- on/off button
- white color
- wall horizontal placement



type	power	size, weight
E223113	1000 W	530 x 440 x 125 mm, 12,0 kg
E223115	1500 W	530 x 728 x 125 mm, 21,0 kg
E223117	2000 W	530 x 728 x 125 mm, 21,0 kg

A691600

CASTOR SET

Wheels for Noirot convectors, which fit all compatible models.
1 pair / pack



Noirot

FKK11

FREESTANDING ELECTRIC FIREPLACE

- realistic glowing log and LED flame effect
- light effect that can be used independently
- adjustable brightness
- 2 heating levels: 1000 W / 2000 W
- fan heater, top air outlet
- with remote control
- **electronic thermostat (15-30°C)**
- weekly timer, 10 programs
- adaptive switch-on control
- switches off in case of overheating
- remote control power supply: 2x1.5V (AAA) batteries, not included
- power supply: 220-240V~ 50Hz
- size: 74 x 65.5 x 20 cm

2000 W



FKKI08

BUILT-IN/WALL-MOUNTED ELECTRIC FIREPLACE

- **artificial tree branches and crystal bed included**
- light effect can be used independently
- adjustable brightness
- 2 heating levels: 1000 W / 2000 W
- fan heater, top air outlet
- with remote control
- **electronic thermostat (15-30°C)**
- weekly timer, 10 programs
- adaptive switch-on control
- switches off in case of overheating
- remote control power supply: 2 x 1.5 V (AAA) batteries, not included
- power supply: 220-240 V~ 50 Hz
- size: 104.5 x 45.5 x 15 cm



2000 W

FKKI 05

BUILT-IN ELECTRIC FIREPLACE

- **built-in or wall mount installation options**
- realistic glowing log and flame effect for independent use
- **selectable flame colour**
- 2 heating levels: 1000 W/2000 W
- **electronic thermostat**
- blow out point at the front
- weekly program
- automatic on/off control
- all functions controlled remotely
- overheating protection
- dimensions: 91,5 x 45 x 17 cm

2000 W

VIDEO



FKKI 03

BUILD-IN ELECTRIC SPECTACULAR FIREPLACE

- independently useable realistic flame effect
- 2 heating stages: 1000 W / 2000 W
- **electronic thermostat**
- **weekly program**
- **window opening detection**
- automatic switch off in case of overheating
- all functions controlled remotely
- blow out point at the front
- dimensions: 60 x 44 x 20 cm

2000 W



VIDEO



FKKF06

CALGARY FIREPLACE INSERT FRAME - ADMIRAL WALNUT

Can be used independently or with the HOME FKKI03 insert!

- the built-in fireplace insert is not included
- material: laminated chipboard
- size: 96.5 x 76.5 x 27.5 cm



FKKF05

BALI WHITE CORNER FIREPLACE FRAME FOR FIREPLACE INSERT

Can be used independently or with the HOME FKKI03 insert!

- the built-in fireplace insert is not part of the package
- material: laminated chipboard
- size: 95 x 80 x 54 cm



FKKF 01

BORA BORA FRAME FOR FIREPLACE INSERT - WHITE

Can be used independently or with the HOME FKKI03 insert!

- the built-in fireplace insert is not included in this package
- material: laminated particle board
- dimensions: 95 x 80 x 26,5 cm



VIDEO



FKKF 04

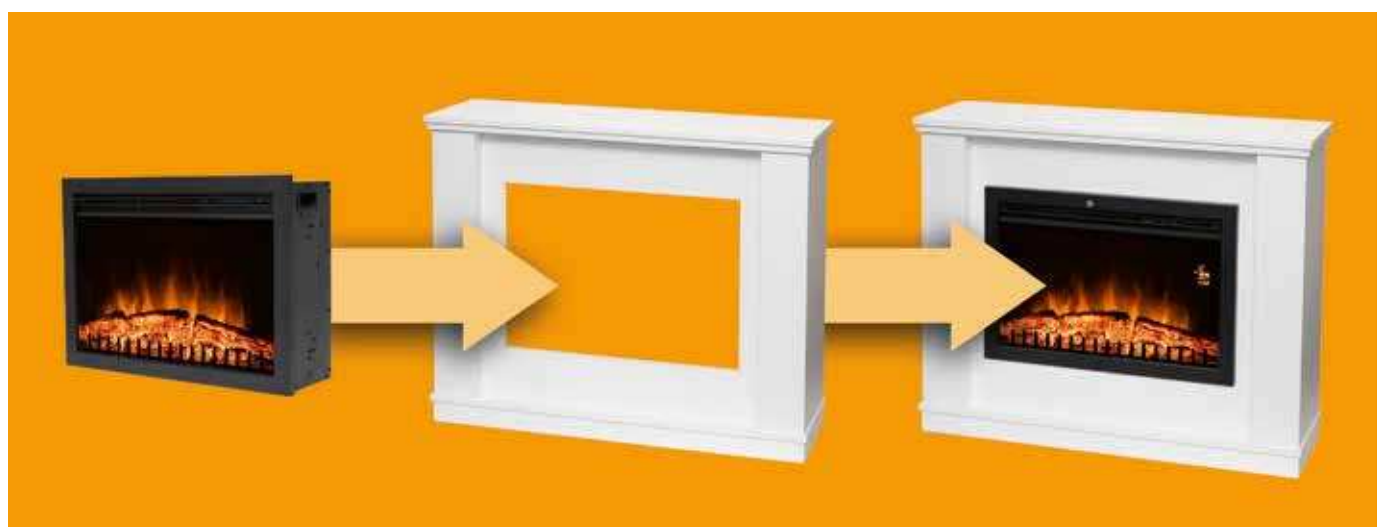
PALERMO FRAME FOR FIREPLACE INSERT - FREYA OAK, ALU GRAY

Can be used independently or with the HOME FKKI03 insert!

- the built-in fireplace insert is not included in this package
- material: laminated particle board
- dimensions: 92,5 x 76 x 25 cm



VIDEO



FKK BORA BORA

BORA BORA PANORAMIC FIREPLACE - WHITE

- frame material: laminated chipboard
 - **realistic glowing log and flame effect, which can be used independently**
 - built-in LED light source (max 10 W, not replaceable)
 - adjustable brightness
 - 2 heating stages: 1000 W / 2000 W
 - **electronic thermostat**
 - **weekly program**
 - **window opening detection**
 - all functions can be controlled remotely
 - overheating protection
 - noise level: 50 dB(A)
 - dimensions: 95 x 80 x 26,5 cm
- Package contents: FKKF 01 + FKKI 03.



FKK CALGARY

CALGARY PANORAMIC FIREPLACE - ADMIRAL WALNUT

- frame material: laminated chipboard
 - **realistic glowing log and flame effect, which can be used independently**
 - built-in LED light source (max 10 W, not replaceable)
 - adjustable brightness
 - 2 heating stages: 1000 W / 2000 W
 - **electronic thermostat**
 - **weekly program**
 - **window opening detection**
 - all functions can be controlled remotely
 - overheating protection
 - noise level: 50 dB(A)
 - dimensions: 96,5 x 76,5 x 27,5 cm
- Package contents: FKKF06 + FKKI 03.



FKK BOLOGNA

BOLOGNA PANORAMIC FIREPLACE - LIGHT SONOMA

- frame material: laminated chipboard
 - **realistic glowing log and flame effect, which can be used independently**
 - built-in LED light source (max 10 W, not replaceable)
 - adjustable brightness
 - 2 heating stages: 1000 W / 2000 W
 - **electronic thermostat**
 - **weekly program**
 - **window opening detection**
 - all functions can be controlled remotely
 - overheating protection
 - noise level: 50 dB(A)
 - dimensions: 96,5 x 76,5 x 27,5 cm
- Package contents: FKKF 03 + FKKI 03.



FKK PALERMO

PALERMO PANORAMIC FIREPLACE - FREYA OAK

- frame material: laminated chipboard
 - **realistic glowing log and flame effect, which can be used independently**
 - built-in LED light source (max 10 W, not replaceable)
 - adjustable brightness
 - 2 heating stages: 1000 W / 2000 W
 - **electronic thermostat**
 - **weekly program**
 - **window opening detection**
 - all functions can be controlled remotely
 - overheating protection
 - noise level: 50 dB(A)
 - dimensions: 92,5 x 76 x 25 cm
- Package contents: FKKF 04 + FKKI 03.

FKK 14

ELECTRIC FIREPLACE

- **2 heating stages: 1000 W / 2000 W**
- mechanical thermostat
- blow out point at the bottom
- flame-effect can be switched independently
- overheating protection
- dimensions: Ø 41 x 65 cm

2000 W

VIDEO



FKK 15

ELECTRIC FIREPLACE

- **independently selectable flame effect**
- 2 heating stages: 1000 W / 2000 W
- **mechanical thermostat**
- automatic switch off in case of overheating
- **blow out point at the bottom**
- dimensions: 39,5 x 56,5 x 23 cm

2000 W

VIDEO



FKK 04

PANORAMA ELECTRIC FIREPLACE

- **2 heating stages: 925 W / 1850 W**
- mechanical thermostat
- blow out point at the bottom
- **flame-effect can be switched independently**
- overheating protection
- dimensions: 63,5 x 67 x 36 cm

1850 W

VIDEO



FKK12

FREESTANDING ELECTRIC FIREPLACE

- **cozy glowing log and flame effect**
- safe PTC heating element
- 2 heating levels: 1400 W / 1900 W
- mechanical thermostat
- **fan heater, top air outlet**
- built-in LED light source (3.5 W, not replaceable)
- independently switchable flame effect
- switches off in case of tipping or overheating
- power supply: 220-240V~ 50Hz
- dimensions: 41 x 50,5 x 25 cm

1900 W



FKK 10

PANORAMIC ELECTRIC FIREPLACE

- 2 heating stages: 1000 W/2000 W
- electronic thermostat and weekly program
- **window opening detection**
- **wall-mounted or freestanding option**
- **8 firebox lighting modes**
- **optional additional mood lighting**
- **independently selectable flame effect**
- overheating protection
- dimensions: 112 x 45 x 30,5 cm

2000 W



FKK 24

ELECTRIC FIREPLACE

- **wall-mounted or freestanding option**
- **2 heating stages: 900 W/1800 W**
- **electronic thermostat and weekly program**
- **window opening detection**
- adjustable brightness
- independently selectable flame effect
- overheating protection
- tempered glass front panel
- dimensions: wall-mounted: 107 x 43,5 x 13 cm
floor standing: 107 x 50 x 24 cm

1800 W



VIDEO



FKK 17

ELECTRIC WALL-MOUNTED FIREPLACE

- **flame effect with adjustable brightness can be switched independently**
- **tempered glass front panel**
- **electronic thermostat**
- weekly program
- adaptive switch on control
- 2 heating stages: 1000 W / 2000 W
- blow out point at the top
- **all functions can be controlled remotely**
- remote control power supply: 2 x 1,5 V (AAA) batteries, not included
- overheating protection
- dimensions: 88,5 x 48 x 13,5 cm

2000 W



	heating levels	placement	flame effect	fan	light source	thermostat	raw material	remote control	remote control power supply	size	weight
FKKI08	1000 W / 2000 W	built-in/ wall-mounted	adjustable color flame effect, can also be used independently	yes	LED (13 W)	electronic	metal, glass	yes	2 x 1,5 V (AAA), not included	104 x 45,5 x 15 cm	19,8 kg
FKKI 05	1000 W / 2000 W	built-in/ wall-mounted	adjustable color flame effect, can also be used independently	yes	LED (13 W)	electronic	metal, glass	yes	2 x 1,5 V (AAA), not included	91,5 x 45 x 17 cm	16 kg
FKKI 03	1000 W / 2000 W	built-in	adjustable brightness	yes	LED (10 W)	electronic	metal, plastic	yes	2 x 1,5 V (AAA), not included	60 x 44 x 20 cm	10,2 kg
FKK BOLOGNA	1000 W / 2000 W	standing	adjustable brightness	yes	LED (10 W)	electronic	wood, metal, plastic	yes	2 x 1,5 V (AAA), not included	96,5 x 76,5 x 27,5 cm	28,2 kg
FKK BORA BORA	1000 W / 2000 W	standing	adjustable brightness	yes	LED (10 W)	electronic	wood, metal, plastic	yes	2 x 1,5 V (AAA), not included	95 x 80 x 26,5 cm	30 kg
FKK CALGARY	1000 W / 2000 W	standing	adjustable brightness	yes	LED (10 W)	electronic	wood, metal, plastic	yes	2 x 1,5 V (AAA), nem tartozék	96,5 x 76,5 x 27,5 cm	33,64 kg
FKK PALERMO	1000 W / 2000 W	standing	adjustable brightness	yes	LED (10 W)	electronic	wood, metal, plastic	yes	2 x 1,5 V (AAA), not included	92,5 x 76 x 25 cm	31 kg
FKK 14	1000 W / 2000 W	standing	yes	yes	LED (5 W)	mechanical	metal, plastic	no	-	Ø41 x 65 cm	14 kg
FKK 04	925 W / 1850 W	standing	adjustable brightness	yes	LED (4 W)	mechanical	plastic	no	-	63,5 x 67 x 36 cm	12 kg
FKK 15	1000 W / 2000 W	standing	yes	yes	LED (10 W)	mechanical	plastic	no	-	39,5 x 56,5 x 23 cm	5,2 kg
FKK12	1400 W / 1900 W	standing	yes	yes	LED (3,5 W)	mechanical	plastic	no	-	42 x 25 x 50 cm	3,8 kg
FKK11	1000 W / 2000 W	standing	yes	yes	LED (9 W)	electronic	laminated chipboard, glass, plastic	yes	2 x 1,5 V (AAA), not included	75 x 20 x 65,5 cm	16 kg
FKK 10	1000 W / 2000 W	standing/ wall-mounted	adjustable brightness	yes	LED (5 W)	electronic	laminated chipboard, glass, plastic	yes	2 x 1,5 V (AAA), nem tartozék	112 x 45 x 30,5 cm	26,7 kg
FKK 24	900 W / 1800 W	standing/ wall-mounted	adjustable brightness, can be used independently, realistic flame effect	yes	LED (5 W)	electronic	tempered flat glass	yes	1 x 3 V (CR2025), included	107 x 43,5 (50) x 13 (24) cm	18,6 kg
FKK 17	1000 W / 2000 W	wall-mounted	adjustable brightness	yes	LED (10 W)	electronic	tempered glass	yes	2 x 1,5 V (AAA), not included	88,5 x 48 x 13,5 cm	13,6 kg

LTN 33 FP

SPECTACULAR FIREPLACE

- designed for indoor use
- **without heating function**
- **white plastic housing, glass front**
- can be switched on/off
- power supply: 3 x 1.5 V (C) batteries, not included
- can also be operated from an adapter, not included (recommended: MW MA06/G+)
- dimensions: 33 x 21 x 11 cm



FHP 820

ASH CLEANER

- 800 W output
- 20 liter metal bin
- washable filter (FHP 820/S)
- tube: Ø3,5 x 100 cm
- **also with blowing function**
- dimensions: 36 x 36 x 44 cm



800 W

LTN 64 FP

SPECTACULAR FIREPLACE

- designed for indoor use
- **without heating function**
- **white plastic housing, glass front**
- can be switched on/off
- power supply: 3 x 1.5 V (C) batteries, not included
- can also be operated from an adapter, not included (recommended: MW MA06/G+)
- dimensions: 64,5 x 22 x 12,5 cm



FHP 820/G

TUBE FOR FHP 820 ASH CLEANER

FHP 820/S

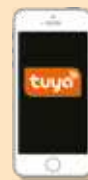
WASHABLE FILTER FOR FHP 820 ASH CLEANER

FKIR 701 WIFI

SMART HYBRID HEATER

You can remotely control your heater using a smartphone app in your home WiFi environment.

- wall-mounted design
- **control via touch buttons, remote controller or a smartphone**
- **output: 700 W**
- the unit combines the comfortable and economical operation of infrared panels with the feeling of warmth provided by conventional heating methods
- electronic thermostat control
- weekly program
- automatic switch off in case of overheating
- dimensions: 120 x 50 x 5,5 cm



700 W



VIDEO



FKIR 351 WIFI

- **output: 350 W**
- dimensions: 50 x 60 x 5,5 cm

350 W

FKIR 962

HYBRID HEATER WITH WIRELESS THERMOSTAT

- **power: 960 W**
- **wall or ceiling mounted design**
- remote control option
- the unit combines the comfortable and economical operation of infrared panels with the feeling of warmth provided by conventional heating methods
- **wireless thermostat built into the remote control**
- **portable electronic thermostat control**
- weekly program
- automatic switch off in case of overheating
- weight: 6,6 kg
- dimensions: 119,5 x 80,5 x 4 cm

960 W



VIDEO



FKIR 722

- **power: 720 W**
- weight: 5,1 kg
- dimensions: 119,5 x 59,5 x 4 cm

720 W

FKIR 452

- **power: 450 W**
- weight: 3,45 kg
- dimensions: 90,5 x 50,5 x 4 cm

450 W

FKA 200

WALL - MOUNTED HEATER

- nominal power: 2000 W
- **power: 1680 - 2000 W**
- **aluminum heating element**
- quiet and economical operation
- **linear heating, constant heat distribution**
- minimalist appearance
- **wall-mountable design**
- weekly program
- comfort and economy mode
- **antifreeze function**
- window opening detection
- size: 84 x 44 x 9,45 cm

2000 W

FKA 150

- nominal power: 1500 W
- **power: 1250 - 1500 W**
- size: 69 x 44 x 9,45 cm

1500 W

FKA 100

- nominal power: 1000 W
- **power: 840 - 1000 W**
- size: 54 x 44 x 9,45 cm

1000 W



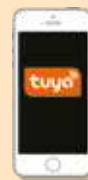
FK421WIFI

SMART CONVECTOR HEATER

With a smartphone application, we can also remotely control from far our heating device operating in a WiFi environment at home.

- power: **2000 W**
- **IPX4 protection against splashing water**
- **free-standing or wall-mounted**
- can also be used as a freezer (7°C)
- thermostat-controlled mode 5-35°C
- electronic push buttons, digital LED display
- weekly program, window opening detection
- 24-hour shutdown timer
- painted steel surface
- with main switch
- protection against overheating
- screws, dowels for fixing to the wall
- size: **87 x 43.5 x 22 cm**

2000 W



FK415WIFI

SMART CONVECTOR HEATER

With a smartphone application, we can also remotely control from far our heating device operating in a WiFi environment at home.

- power: **1500 W**
- **IPX4 protection against splashing water**
- **free-standing or wall-mounted**
- can also be used as a freezer (7°C)
- thermostat-controlled mode 5-35°C
- electronic push buttons, digital LED display
- weekly program, window opening detection
- 24-hour shutdown timer
- painted steel surface
- with main switch
- protection against overheating
- screws, dowels for fixing to the wall
- size: **70 x 43.5 x 22 cm**

1500 W



FK210WIFI

SMART CONVECTOR HEATER

With a smartphone application, we can also remotely control from far our heating device operating in a WiFi environment at home.

- power: **1000 W**
- **IPX4 protection against splashing water**
- **free-standing or wall-mounted**
- can also be used as a freezer (7°C)
- thermostat-controlled mode 5-35°C
- electronic push buttons, digital LED display
- weekly program, window opening detection
- 24-hour shutdown timer
- painted steel surface
- with main switch
- protection against overheating
- screws, dowels for fixing to the wall
- size: **99 x 23.5 x 22 cm**

1000 W





FKIS600WIFI

SMART INFRARED HEATER

- indoor design
- tempered glass front and back, 1 cm thick
- **far infrared carbon crystal heating element**
- 600 W power
- **silent operation**
- large LED display, can be switched off
- with digital thermostat 5 - 50 °C
- 24-hour shut-off timer (1 hour units)
- can be controlled by touch, remote control and TUYA wifi application
- ECO mode
- child lock function
- **with metal wall brackets on the back**
- with included feet
- IP44 splash water protection
- with overheating protection
- remote control power supply: 2 x 1.5 V (AAA) batteries, not included
- power supply: 220-240 V~ 50/60 Hz
- size: 100 x 62 x 34.8 cm

600 W



FK 430 WIFI

SMART HEATER

The device can be controlled by smartphone application from anywhere, if it's connected to home WiFi network.

- 2 heating stages: 1000 W / 2000 W
- **tempered glass front panel**
- **controllable with touch buttons or with smartphone**
- electronic thermostat
- switch off timer
- **IPX4 protection against splashing water**
- child lock
- automatic switch off in case of overheating
- **freestanding or wall-mounted design**
- dimensions: floor standing: 92 x 43 x 24 cm
- wall-mounted: 92 x 38 x 9 cm

VIDEO



2000 W

CAN ALSO BE
WALL MOUNTED



FK 350 WIFI

SMART HEATER

With smartphone application, you can control the heater at your home Wi-Fi environment from far.

- freestanding desing
- **can be controlled with touch-buttons, by remote control or the free smartphone application**
- **3 heating stages: 1000 W / 1300 W / 2300 W**
- electronic thermostat control
- **frost guard function**
- **turbo fan function which can be switched independently**
- 24-hour switch off timer
- automatic switch off in case of overheating
- 1 x 3 V (CR2032) button battery, included
- dimensions: 68 x 41,5 x 18 cm



2300 W

VIDEO



FK320WIFI

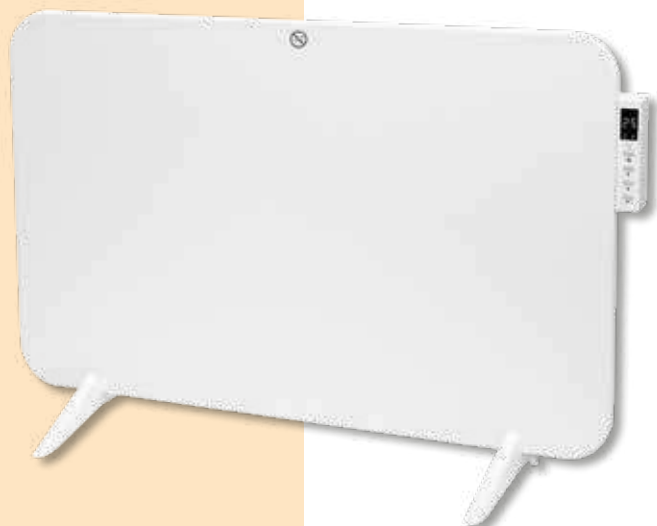
SMART CONVECTOR HEATER

With a smartphone application, we can remotely control our device operating in a home Wi-Fi environment.

- freestanding design
- **can be controlled with touch buttons, remote control or TUYA wifi application**
- **3 heating levels: 800 W / 1200 W / 2000 W**
- electronic thermostat
- **frost protection function**
- **separately switchable turbo fan**
- 24-hour shutdown timer
- size: 60 x 38.5 x 26 cm
- 230 V~ 50 Hz

2000 W





450 W

FKIR450

SMART INFRARED HEATER

- indoor design
- **metal front, 1.5 cm thickness**
- 450 W power
- **silent operation**
- switchable LED display
- **with digital thermostat 5 - 55 °C**
- 24-hour switch-off timer (1 hour units)
- can be controlled with push buttons, remote control and TUYA wifi application
- ECO mode
- child lock function
- **with metal wall brackets on the back**
- with included feet
- with overheating protection
- remote control power supply: 2 x 1.5 V (AAA) batteries, not included
- power supply: 220-240 V~ 50 Hz
- size: 72.5 x 48 x 28 cm

FKIR 270 WIFI

SMART INFRARED HEATER

You can remotely control your heater using a smartphone app in your home Wi-Fi environment.

- designed for indoor use
- silent operation
- **controlled by touch buttons and TUYA app**
- 1000 W power, high radiant heat ratio
- **270° angle of infrared radiation**
- surface temperature: ~90°C
- **with digital thermostat 0-37°C**
- 24-hour off timer (1-hour units)
- high quality metal housing with metal feet
- automatic switch off in case of overheating
- with overheating protection
- power supply: 220-240 V~ 50 Hz
- dimensions: 30 x 110 x 30 cm

1000 W

VIDEO



FMC 2000

MICA CONVECTOR WITH REMOTE CONTROL

- designed for indoor use
- **with MICA (plate-silicate mineral) panels**
- quick warm-up
- **high radiant heat ratio**
- 2 heating stages: 1000W / 1500W
- **with digital thermostat 18-30°C**
- 12-hour off timer (0.5-hour units)
- **controlled by electronic push buttons and remote control**
- quiet operation
- automatic switch off in case of overheating
- easy to roll on wheels
- cable holder
- remote controller power supply: 1x3V (CR2025) button cell, included
- power supply: 220-240 V~ / 50-60 Hz
- dimensions: 54 x 62 x 26,5 (8) cm

2000 W

VIDEO



FK331

CONVECTOR HEATER

- adjustable power
- **3 heating levels: 750 W / 1250 W / 2000 W**
- max. power: 2000 W
- **thermostat control**
- free standing
- with carrying handles, plastic feet
- automatic shutdown in case of overheating
- size: 57 x 32.5 x 20.5 cm

2000 W



FK 344

CONVECTOR TURBO HEATER

- 3 heating stages: 750 W / 1250 W / 2000 W
- **adjustable turbofan function**
- thermostat control
- automatic shut-off in case of overheating
- **freestanding design**
- dimensions: 69 x 39 x 19 cm

VIDEO



2000 W



FK345TURBO

CONVECTOR HEATER

- adjustable power
- switchable turbo fan function
- **2 heating levels: 1250 W / 2000 W**
- max. power: 2000 W
- **thermostat control**
- free standing
- with carrying handles, plastic feet
- automatic shutdown in case of overheating
- size: 62.5 x 39 x 26 cm

2000 W



	heating levels	free-standing	wall-mounted	fan	programming	thermostat	remote control	WiFi	size	weight
FKIR 962	960 W	no	yes	no	weekly program	electronic	yes	no	120 x 80 x 4 cm	6,6 kg
FKIR 722	720 W	no	yes	no	weekly program	electronic	yes	no	120 x 60 x 4 cm	5,1 kg
FKIR 452	450 W	no	yes	no	weekly program	electronic	yes	no	90 x 50 x 4 cm	3,45 kg
FKIR 701 WIFI	700 W	no	yes	no	weekly program	electronic	no	yes	120 x 50 x 5,5 cm	3,1 kg
FKIR 351 WIFI	350 W	no	yes	no	weekly program	electronic	no	yes	50 x 60 x 5 cm	2 kg
FKA 200	1680 W / 2000 W	no	yes	no	weekly program	electronic	no	no	84 x 44 x 9,5 cm	7,5 kg
FKA 150	1250 W / 1500 W	no	yes	no	weekly program	electronic	no	no	69 x 44 x 9,5 cm	6,5 kg
FKA 100	840 W / 1000 W	no	yes	no	weekly program	electronic	no	no	54 x 44 x 9,5 cm	5,8 kg
FK210WIFI	1000 W	yes	yes	no	weekly program	electronic	no	yes	99 x 23,5 x 22 cm	3,3 kg
FK415WIFI	1500 W	yes	yes	no	weekly program	electronic	no	yes	70 x 43,5 x 22 cm	4,4 kg
FK421WIFI	2000 W	yes	yes	no	weekly program	electronic	no	yes	87 x 43,5 x 22 cm	5,7 kg
FKIS600WIFI	600 W	yes	yes	no	weekly program	electronic	yes	yes	55 x 100 cm	12,6 kg
FK 430 WIFI	1000 W / 2000 W	yes	yes	no	weekly program	electronic	no	yes	92 x 43 x 24 cm	8,2 kg
FK 350 WIFI	1000 W / 1300 W / 2300 W	yes	no	yes	turn-off timing	electronic	yes	yes	68 x 41,5 x 18 cm	4,5 kg
FK320WIFI	800 W / 1200 W / 2000 W	yes	no	yes	weekly program	electronic	yes	yes	60 x 38,5 x 10 cm	2,7 kg
FK331	750 W / 1250 W / 2000 W	yes	no	no	no	mechanic	no	no	57 x 32,5 x 20,5 cm	2,5 kg
FK345TURBO	1250 W / 2000 W	yes	no	yes	no	mechanic	no	no	62,5 x 39 x 26 cm	3,2 kg
FK 344	750 W / 1250 W / 2000 W	yes	no	yes	no	mechanic	no	no	69 x 39 x 19 cm	3,5 kg
FKIR 270 WIFI	1000 W	yes	no	no	weekly program	electronic	no	yes	30 x 100 x 30 cm	18,3 kg
FKIR450	450 W	yes	yes	no	weekly program	electronic	yes	yes	70 x 45 cm	3,8 kg
FMC 2000	1000 W / 2000 W	yes	no	no	turn-off timing	electronic	yes	no	54 x 62 x 26,5 (8) cm	5,1 kg

FKOS 13 M

OIL HEATER

- 3 heating stages: 1000 W / 1500 W / 2500 W
- **13 segments**
- mechanical thermostat
- **automatic switch off in case of overheating or overturning**
- pressure-tested by piecemeal
- dimensions: 12 (23) x 60 x 58 cm, 11,8 kg

2500 W



FKOS 11 M

OIL HEATER

- 3 heating stages: 800 W / 1200 W / 2000 W
- **11 segments**
- mechanical thermostat
- **automatic switch off in case of overheating or overturning**
- pressure-tested by piecemeal
- dimensions: 12 (23) x 60 x 51 cm, 10,2 kg

2000 W

FKOS 9 M

OIL HEATER

- 3 heating stages: 800 W / 1200 W / 2000 W
- **9 segments**
- mechanical thermostat
- **automatic switch off in case of overheating or overturning**
- pressure-tested by piecemeal
- dimensions: 12 (23) x 60 x 44 cm, 8,6 kg

2000 W



FKOS 7 M

OIL HEATER

- 3 heating stages: 600 W / 900 W / 1500 W
- **7 segments**
- mechanical thermostat
- **automatic switch off in case of overheating or overturning**
- pressure-tested by piecemeal
- dimensions: 12 (23) x 60 x 37 cm, 7 kg

1500 W

FKFB54204WIFI

WALL-MOUNTED FAN SMART HEATER

- black glass front
- 2 heating levels: 1000 / 2000 W
- **STOP program**
- normal modes: fan only, warm and hot air
- thermostat control 18-45°C
- **swinging air deflector slats**
- 8-hour switch-off timer
- weekly programming
- window opening detection
- overheating protection
- with remote control
- can be controlled remotely with the free TUYA smartphone application
- screws, dowels for wall mounting
- with main switch
- remote control power supply: 1 x CR2025 button battery, included
- size: 53.7 x 19.7 x 13.5 cm



2000 W



FKFW54204WIFI

- white glass front



FKF 65221

WALL-MOUNTED FAN HEATER

- 2 heating stages: 1100 W / 2200 W
- swinging air blade
- **electronic thermostat**
- 8-hour switch off timer
- **weekly program**
- **window opening detection**
- all functions can be controlled remotely
- automatic switch off in case of overheating
- dimensions: 65 x 25 x 15 cm



2200 W

FKF 56202

WALL-MOUNTED FAN HEATER

- 2 heating stages: 1000 W / 2000 W
- swinging air blade
- **electronic thermostat**
- 8-hour switch off timer
- **weekly program**
- **window opening detection**
- all functions can be controlled remotely
- automatic switch off in case of overheating
- silver colour
- dimensions: 56 x 19 x 12 cm



2000 W

FKF 59201

WALL-MOUNTED FAN HEATER, WITH STOP PROGRAM

- 2 heating stages: 1000 W / 2000 W
- swinging air blade
- **electronic thermostat**
- 12-hour switch off timer
- **weekly program**
- **adaptive switch on timer**
- **STOP program**: when the set temperature is reached, the fan switches off
- all functions can be controlled remotely
- automatic switch off in case of overheating
- dimensions: 54 x 20,5 x 12 cm



2000 W

FKF 42201

WALL-MOUNTED FAN HEATER

- 2 heating stages: 1000 W / 2000 W
- **electronic thermostat**
- 8-hour switch off timer
- **weekly program**
- **window opening detection**
- all functions can be controlled remotely
- automatic switch off in case of overheating
- dimensions: 42 x 16,5 x 11,5 cm



2000 W



FKF42202WIFI

WALL-MOUNTED SMART HEATER WITH FAN

With a smartphone application, we can also remotely control from far our heating device operating in a WiFi environment at home.

- **2 heating levels: 1000 / 2000 W**
- maximum power: 2000 W
- normal operating modes: fan only, warm and hot air
- thermostat-controlled mode 18-45°C
- 8-hour shutdown timer
- **weekly program**
- **window opening detection**
- protection against overheating
- with remote control
- **can be controlled remotely with a free smartphone app**
- with main switch
- remote control power supply: 1 x 3 V (CR2025) button battery, included
- size: 42.8 x 17.5 x 11.6 cm

2000 W



FKF26201

BATHROOM FAN HEATER

- wall-mounted
- IPX2 protection against dripping water
- 2 heating levels: 800 W / 2000 W
- normal modes: fan only, warm and hot air
- PTC ceramic heating elements
- with aluminum towel warmer
- STOP program
- thermostat control 18 - 45 °C
- LED display with room temperature
- 8-hour switch-off timer
- weekly programming
- window opening detection
- with overheating protection
- screws, dowels for wall mounting
- with main switch
- remote control power supply: 1 x CR2025 button battery, included
- size: 26.5 x 32.8/55 x 11.5 cm

2000 W



	heating stages	positioning	programming	only fan mode	STOP program	thermostat	air diversion	control	remote control power supply	size	weight
FKFB54204WIFI	1000 W / 2000 W	wall-mounted	weekly program	no	yes	electronic	yes	remote control or smartphone app	1 x 3 V (CR 2025) included	53,7x13,5x19,7 cm	2,4 kg
FKFW54204WIFI	1000 W / 2000 W	wall-mounted	weekly program	no	yes	electronic	yes	remote control or smartphone app	1 x 3 V (CR 2025) included	53,7x13,5x19,7 cm	2,4 kg
FKF 65221	1100 W / 2200 W	wall-mounted	weekly program	yes	no	electronic	yes	remote control	1 x 3 V (CR2025) tartozék	65 x 25 x 15 cm	4,2 kg
FKF 56202	1000 W / 2000 W	wall-mounted	weekly program	yes	no	electronic	yes	remote control	1 x 3 V (CR2025) included	56 x 19 x 12 cm	2,5 kg
FKF 59201	1000 W / 2000 W	wall-mounted	weekly program	no	yes	electronic	yes	remote control	1 x 3 V (CR2025) included	54 x 20,5 x 12 cm	2,5 kg
FKF 42201	1000 W / 2000 W	wall-mounted	weekly program	yes	no	electronic	no	remote control	1 x 3 V (CR2025) included	42 x 16,5 x 11,5 cm	1,8 kg
FKF42202WIFI	1000 W / 2000 W	wall-mounted	weekly program	yes	no	electronic	no	remote control or smartphone app	1 x 3 V (CR2025) included	42,8 x 17,5 x 11,6 cm	2 kg
FKF26201	800 W / 2000 W	wall-mounted	weekly program	no	yes	electronic	yes	remote control	1 x 3 V (CR 2025) included	26,5 x 11,5 x 32,8 cm	1,4 kg

FK 54

FREE STANDING CERAMIC HEATER WITH REMOTE CONTROL

- **2 heating stages: 1400 W / 2000 W**
- touch buttons and white LED display
- remote control for all functions
- PTC ceramic heating element
- automatic switch off in case of overheating or overturning
- **electronic thermostat 15-40 °C**
- 24-hour switch off timer
- switchable oscillation
- remote controller power supply: 1x3 V (CR2025) button cell, included
- power supply: 220-240 V~ / 50-60 Hz
- dimensions: Ø23 x 63,5 cm

2000 W



FK 29

CERAMIC HEATER

- **2 heating stages: 900 W / 1800 W**
- mechanical thermostat
- **switchable oscillation**
- automatic switch off in case of overheating or overturning
- dimensions: 22 x 32 x 14,5 cm

1800 W



FK 55

CERAMIC HEATER WITH DIGITAL THERMOSTAT

- **2 heating stages: 1000 W / 1500 W**
- touch buttons and white LED display
- functions: cold, warm, hot air
- **electronic thermostat 15-45 °C**
- shut-off timer for 12 hours
- switchable oscillation
- automatic switch off in case of overheating or overturning
- power supply: 220-240 V~ / 50-60 Hz
- dimensions: 17,4 x 24,3 x 11,7 cm

1500 W



FK 51

CERAMIC HEATER

- **2 heating stages: 1000 W / 1500 W**
- maximum output: 1500 W
- functions: cold, warm, hot air
- switchable oscillation 70°
- overheating protection
- **automatic switch off in case of overheating or overturning**
- built-in mechanical thermostat
- dimensions: 15 x 24,5 x 9 cm

1500 W



FKH 400

PORTABLE MINI CERAMIC HEATER

- 400 W output
- compact design
- electronic thermostat 15-45 °C
- 12-hour switch off timer
- accessory device holder stand
- automatic switch off in case of overheating
- dimensions: 9 x 17 x 8,5 cm

400 W



FKH 401

PORTABLE MINI CERAMIC HEATER

- 400 W output
- compact design
- electronic thermostat 15-45 °C
- cosy flame effect
- 12-hour switch off timer
- automatic switch off in case of overheating
- dimensions: 9,5 x 18,5 x 7 cm

400 W



VIDEO



FK10SC

FAN HEATER

- cold, warm, hot air
- 2 heating levels: 1000 W / max. 2000 W
- mechanical thermostat
- protection against overheating
- light indicating operation
- recessed carrying handle
- power supply: 220-240 V, 50-60Hz
- size: 20.5 x 27.5 x 15.5 cm

2000 W

FK 1

PORTABLE FAN HEATER

- controllable performance
- temperature could be adjusted continuously
- max. performance: 2000 W
- massive plastic body
- automatic switch off in case of overheating or tipping
- dimensions: 22,5 x 26,5 x 13,5 cm

2000 W



FK 37/GY

PORTABLE FAN HEATER

- 2 heating stages: 1000 W / 2000 W
- mechanical thermostat
- automatic switch off in case of overheating or tipping
- dimensions: 26 x 24 x 13 cm

2000 W





FKM500

HEATER, FROST PROTECTION

- freestanding design
- 500 W power
- functions: heating, protection against frosting
- mechanical thermostat
- heating indicator light
- automatic shutdown in case of overheating
- size: 30 x 28.5 x 18 cm
- 230 V~ 50 Hz

500 W



FK 231

HALOGEN HEATER

- 3 heating stages: 400 W / 800 W / 1200 W
- **independently switchable heating inserts**
- switchable oscillation
- **automatic switch off in case of overheating or overturning**
- type of heating insert: FK 231/T (160 mm, 400 W)
- dimensions: 30 x 70 x 30 cm

1200 W



	heating levels	thermostat	fan	switchable oscillation	size
FK 54	1400 W / 2000 W	electronic	yes	yes	Ø23 x 63,5 cm
FK 55	1000 W / 1500 W	electronic	yes	yes	17,4 x 24,3 x 11,7 cm
FK 29	900 W / 1800 W	mechanic	yes	yes	22 x 32 x 14,5 cm
FK 51	1000 W / 1500 W	mechanic	yes	yes	15 x 24,5 x 9 cm
FKH 400	400 W	electronic	yes	no	9 x 17 x 8,5 cm
FKH 401	400 W	electronic	yes	no	9,5 x 18,5 x 7 cm
FK10SC	1000 W / 2000 W	mechanic	yes	yes	20,5 x 27,5 x 15,5 cm
FK 1	1000 W / 2000 W	mechanic	yes	no	21 x 26,5 x 11 cm
FK 37/GY	1000 W / 2000 W	mechanic	yes	no	26 x 24 x 13 cm
FK 231	400 W / 800 W / 1200 W	no	no	yes	30 x 70 x 30 cm
FKM500	500 W	mechanic	no	no	30 x 28,5 x 18,5 cm

HEATING MAT

type	to which of our old and new products is recommended	size	output
FK 20/T	FK 20	42 cm	600 W
FK 21/T	FK 21	19,5 cm	400 W
FK 231/T	FK 231	16 cm	400 W
FK 24/T	FK 24	42 cm	600 W, IPX4
FK 272/T	FK 272	35 cm	650 W, IPX4
FKT 22CM	FK 16	22 cm	400 W
FKT 24CM	FK 6/K	24 cm	400 W
FKT 42CM	FK 2 és FK 22	42 cm	600 W

FK20

QUARTZ-TUBE HEATER

- wall mountable
- 2 heating levels: 600 W / 1200 W
- for use in dry indoor conditions
- **IP20: not protected against water ingress**
- durable metal housing
- adjustable tilt angle
- with cord switch
- heating element type: FK20T (420 mm, 600 W)
- dimensions: 53.5 x 13 x 11 cm

1200 W

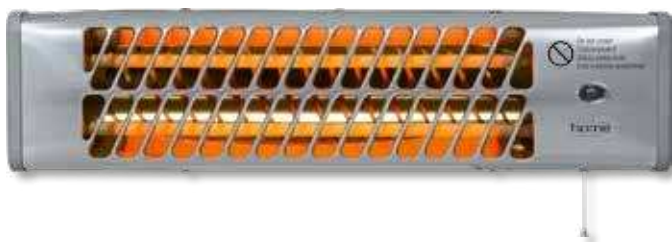


FK 24

QUARTZ TUBE HEATER

- 2 heating stages: 600 W / 1200 W
- ideal for heating bathrooms
- robust metal housing
- adjustable tilt angle
- **IPX4 protection against splashing water**
- **wall-mounted design**
- type of heating element: FK 24/T (420 mm, 600 W, IPX4)
- dimensions: 53,5 x 13 x 11 cm

1200 W



FK 25

CARBON TUBE HEATER

- 2 heating stages: 600 W / max. 1200 W
- **IPX4 protection against splashing water**
- with cord switch
- wall-mounted design
- **durable metal housing**
- tiltable angle
- dimensions: 74,5 x 10 x 20 cm

1200 W



FK 272

OUTDOOR HALOGEN HEATER

- 3 heating stages: 650 W / 1350 W / 2000 W
- high heat radiation ratio
- **IPX4 protection against splashing water**
- ideal for heating a terrace
- **automatic switch off in case of overturning**
- soundless operation
- stainless steel stand
- dimensions: 50 x 177-205 cm, 8 kg

2000 W



heating technology

FK 252

CARBON AND HALOGEN COMBINED HEATER

- **2 modes: 1200 W halogen heating element, or 1200 W carbon heating element**
- maximum output: 1200 W
- **can be controlled by remote control or with touch-buttons**
- oscillation can be switched ON/OFF
- 6-hour switch off timer
- IPX4 protection against splashing water
- out- and indoor design
- **automatic switch off in case of overturning**
- 1 x 3 V (CR2025) button battery, included
- dimensions: Ø27 x 86 cm

1200 W

ST-05-400-E

INDUSTRIAL HEATER

- 2 heating stages: 2500 W / 5000 W
- fan only mode
- mechanical thermostat
- **IP protection class: IPX4**
(protection against splashing water)
- overheating protection
- **length of power cable: 1,3 m**
- durable metal housing
- power cable included
- **power supply: 400 V~ / 50 Hz**
- dimensions: 35 x 37,5 x 45,5 cm

5000 W

STANLEY



FKI 50

INDUSTRIAL FAN HEATER

- 2 heating stages: 2500 W / 5000 W
 - mechanical thermostat
 - **IP protection class: IPX4**
(protection against splashing water)
 - automatic switch off in case of overheating
 - **power supply: 400 V~ / 50 Hz**
 - dimensions: 29 x 47 x 33 cm
- The power cable is not included.*

5000 W



VIDEO



FKI33

PORTABLE FAN HEATER

- **IPX4 protection against splashing water**
- durable, double-walled powder-coated metal housing
- stainless steel heating elements
- 3 heating levels: 1000 W / 2000 W / 3000 W
- fan only mode
- **thermostatic control**
- plastic carrying handle
- overheating protection
- power supply: 220-240 V~ 50 Hz
- dimensions: 20 x 33 x 22.5 cm

3000 W



FK56

PORTABLE CERAMIC HEATER

- **2 heating levels: 1000 W / 2000 W**
- fan only mode
- **mechanical thermostat**
- operating light
- carrying handle
- adjustable tilt angle
- switches off in case of overheating
- power supply: 220-240 V~ 50 Hz
- dimensions: 18.5 x 22.5 x 15.5 cm

2000 W



FK303

PORTABLE PTC FAN HEATER

- safe PTC heating element
- **2 heating levels: 2000 W / 3000 W**
- operating modes: cold, warm or hot air
- mechanical thermostat
- **durable metal housing**
- plastic carrying handle
- with overheating protection
- power supply: 220-240 V~ 50 Hz
- size: 24 x 28 x 23 cm

3000 W



FK302

PORTABLE PTC FAN HEATER

- safe PTC heating element
- **2 heating levels: 1200 W / 2000 W**
- operating modes: cold, warm or hot air
- mechanical thermostat
- **durable metal housing**
- plastic carrying handle
- with overheating protection
- power supply: 220-240 V~ 50 Hz
- size: 18 x 20 x 17 cm

2000 W



FKTW 501

ELECTRIC TOWEL DRYER

- rated power: 500 W
- **built-in control panel and LCD display**
- **electronic thermostat**
- weekly program
- frost protection function
- window opening sensor
- **quiet and economical operation**
- wall-mounted design
- automatic switch off in case of overheating
- dimensions: 54 x 98 x 9,2 cm

500 W

VIDEO



FTW11

HEATED ELECTRIC CLOTHES DRYER

- 230 W
- aluminum
- **foldable, easy to store**
- 50°C constant temperature
- waterproof switch
- **IP22 protected against dripping water**
- **8 long + 2 x 5 short heated rods**
- size: 147 x 54.5 x 91 cm
- 230V~ 50Hz

230 W



FTW22

HEATED ELECTRIC CLOTHES DRYER

- 90 W power
- **6 heated rods**
- aluminum
- freestanding design
- 50°C constant temperature
- **with waterproof on-off switch**
- **IP22 protected against dripping water**
- size: 53.5 x 90.5 x 34.5 cm
- 230V~ 50 Hz

90 W




FTW 2

HEATED, ELECTRIC TOWEL DRYER

- 100 W output
- 6 towel dryer rods
- **freestanding or wall-mountable design**
- **IPX1 protection against vertically dripping water**
- automatic switch off in case of overheating
- dimensions:
wall-mounted: 54 x 86 x 10,2 cm
standing: 54 x 91 x 35,3 cm

100 W

FALRA IS SZERELHETŐ



FTW 4

HEATED, ELECTRIC TOWEL DRYER

- 90 W output
- 5 towel dryer rods
- **wall-mounted design**
- **IPX1 protection against vertically dripping water**
- automatic switch off in case of overheating
- dimensions: 60 x 44,5 x 9,5 cm

90 W

built-in or wall-mounted	Nature of heat transfer	Ideal placement	Installation type	Ideal room size
FKKI08	fan exhaust	living room, bedroom	built-in or wall-mounted	30 m ² *
FKKI 05	fan exhaust	living room, bedroom	built-in or movable	30 m ² *
FKKI 03	fan exhaust	living room, bedroom	beépíthető	30 m ² *
FKK BOLOGNA	fan exhaust	living room, bedroom	movable	30 m ² *
FKK BORA BORA	fan exhaust	living room, bedroom	movable	30 m ² *
FKK CALGARY	fan exhaust	living room, bedroom	movable	30 m ² *
FKK PALERMO	fan exhaust	living room, bedroom	movable	30 m ² *
FKK 14	fan exhaust	living room, bedroom	movable	30 m ² *
FKK 04	fan exhaust	living room, bedroom	movable	28 m ² *
FKK 15	fan exhaust	living room, bedroom	movable	30 m ² *
FKK12	fan exhaust	living room, bedroom	movable	28 m ² *
FKK11	fan exhaust	living room, bedroom	movable	30 m ² *
FKK 10	fan exhaust	living room, bedroom	wall-mounted or movable	30 m ² *
FKK 24	fan exhaust	living room, bedroom	wall-mounted or movable	27 m ² *
FKK 17	fan exhaust	living room, bedroom	wall-mounted	30 m ² *
FKIR 962	thermal radiation + convection	living room, bedroom	wall or ceiling mountable	14 m ² *
FKIR 722	thermal radiation + convection	living room, bedroom	wall or ceiling mountable	11 m ² *
FKIR 452	thermal radiation + convection	living room, bedroom	wall or ceiling mountable	7 m ² *
FKIR 701 WIFI	thermal radiation + convection	living room, bedroom	wall-mounted	10 m ² *
FKIR 351 WIFI	thermal radiation + convection	living room, bedroom	wall-mounted	5 m ² *
FKA 200	convection	living room, bedroom	wall-mounted	30 m ² *
FKA 150	convection	living room, bedroom	wall-mounted	23 m ² *
FKA 100	convection	living room, bedroom	wall-mounted	15 m ² *
FK210WIFI	convection	living room, bedroom, bathroom	wall-mounted or movable	15 m ² *
FK415WIFI	convection	living room, bedroom, bathroom	wall-mounted or movable	23 m ² *
FK421WIFI	convection	living room, bedroom, bathroom	wall-mounted or movable	30 m ² *
FKIS600WIFI	thermal radiation	living room, bedroom	wall-mounted or movable	9 m ² *
FK 430 WIFI	convection	living room, bedroom, bathroom	wall-mounted or movable	30 m ² *
FK 350 WIFI	convection + fan exhaust	living room, bedroom	movable	35 m ² *
FK320WIFI	convection + fan exhaust	living room, bedroom	movable	30 m ² *
FK331	convection	living room, bedroom	movable	30 m ² *
FK345TURBO	convection + fan exhaust	living room, bedroom	movable	30 m ² *
FK 344	convection + fan exhaust	living room, bedroom	movable	30 m ² *
FKIR 270 WIFI	thermal radiation + convection	living room, bedroom	movable	15 m ² *
FKIR450	thermal radiation	living room, bedroom	wall-mounted or movable	7 m ² *
FMC 1500	thermal radiation + convection	living room, bedroom	portable	23 m ² *
FMC 2000	thermal radiation + convection	living room, bedroom	portable	30 m ² *
FKOS 13 M	convection	living room, bedroom	movable	38 m ² *
FKOS 11 M	convection	living room, bedroom	movable	30 m ² *
FKOS 9 M	convection	living room, bedroom	movable	30 m ² *
FKOS 7 M	convection	living room, bedroom	movable	23 m ² *
FKFB54204WIFI	fan exhaust	living room, bedroom, children's room	wall-mounted	30 m ² *
FKFW54204WIFI	fan exhaust	living room, bedroom, children's room	wall-mounted	30 m ² *
FKF 65221	fan exhaust	living room, bedroom, children's room	wall-mounted	33 m ² *
FKF 56202	fan exhaust	living room, bedroom, children's room	wall-mounted	30 m ² *
FKF 59201	fan exhaust	living room, bedroom, children's room	wall-mounted	30 m ² *
FKF 42201	fan exhaust	living room, bedroom, children's room	wall-mounted	30 m ² *
FKF42202WIFI	fan exhaust	living room, bedroom, children's room	wall-mounted	30 m ² *
FKF26201	fan exhaust	bathroom	wall-mounted	30 m ² *
FK 54	fan exhaust	living room, bedroom, children's room	portable	30 m ² *
FK 55	fan exhaust	living room, bedroom, children's room	portable	23 m ² *
FK 29	fan exhaust	living room, bedroom, summer house, office	portable	27 m ² *
FK 51	fan exhaust	living room, bedroom, summer house, office	portable	23 m ² *
FKH 400	fan exhaust	bedroom, office	portable	6 m ² *
FKH 401	fan exhaust	bedroom, office	portable	6 m ² *
FK10SC	fan exhaust	living room, bedroom, summer house, office	portable	30 m ² *
FK 1	fan exhaust	living room, bedroom, summer house, office	portable	30 m ² *
FK 37/GY	fan exhaust	living room, bedroom, summer house, office	portable	30 m ² *
FK 231	thermal radiation	living room, bedroom, summer house, office	portable	18 m ² *
FKM500	convection	summer house, summer kitchen, garage	portable	7 m ² *
FK 24	thermal radiation	bathroom, children's room	wall-mounted	18 m ² *
FK 25	thermal radiation	terrace	wall-mounted	18 m ² **
FK 272	thermal radiation	terrace	movable	30 m ² **
FK 252	thermal radiation	terrace	movable	18 m ² **
ST-05-400-E	fan exhaust	workroom	portable	77 m ² **
FKI 50	fan exhaust	workroom	portable	77 m ² **
FK 33	fan exhaust	living room, bedroom, summer house, office	portable	30 m ² *
FK56	fan exhaust	workroom	portable	30 m ² *
FK303	fan exhaust	workroom	portable	30 m ² *
FK302	fan exhaust	workroom	portable	45 m ² *

*Estimated value, calculated with average ceiling height (2.7 m) and insulation.

**Estimated value for indoor use, calculated with average ceiling height and insulation.

FHC SERIES

ELECTRIC HEATING MAT UNDER COLD COVER

- two-cored heating cable, one-sided electrical connection
- 0.5 m wide heating mats, wide range of sizes
- **150 W/m² heating power**
- fiberglass mesh with self-adhesive tapes for easy installation
- **extremely thin, 4 mm installation thickness**
- distance between heating pipe loops: approx. 8 cm
- heating connection cable: 2.5 m two-cored + grounding
- power supply: 230 V
- recommended control with the FHT76WIFI smart thermostat

When planning a specific area, consider that the heating mat cannot be cut to a smaller size!



Type	Voltage (V)	Power (W)	Resistance (Ω)	Width (m)	Length (m)	Area (m ²)
FHC005	230	75	705,3	0,5	1	0,5
FHC010	230	150	352,7	0,5	2	1
FHC015	230	225	235,1	0,5	3	1,5
FHC020	230	300	176,3	0,5	4	2
FHC025	230	375	141,1	0,5	5	2,5
FHC030	230	450	117,6	0,5	6	3
FHC035	230	525	100,8	0,5	7	3,5
FHC040	230	600	88,2	0,5	8	4
FHC050	230	750	70,5	0,5	10	5
FHC060	230	900	58,8	0,5	12	6
FHC070	230	1050	50,4	0,5	14	7
FHC080	230	1200	44,1	0,5	16	8
FHC090	230	1350	39,2	0,5	18	9
FHC100	230	1500	35,3	0,5	20	10
FHC110	230	1650	32,1	0,5	22	11
FHC120	230	1800	29,4	0,5	24	12

FHW SERIES

ELECTRIC HEATING MAT UNDER A WARM COVER

- two-cored heating cable, one-sided electrical connection
- 0.5 m wide heating mats, wide range of sizes
- **150 W/m² heating power**
- aluminum foil cover on both sides
- **extremely thin, 1.4 mm installation thickness**
- distance between heating pipe loops: approx. 5 cm
- heating connection cable: 2.5 m two-cored + grounding
- power supply: 230 V
- recommended control with the FHT76WIFI smart thermostat

When planning a specific area, consider that the heating mat cannot be cut to a smaller size!



Type	Voltage (V)	Power (W)	Resistance (Ω)	Width (m)	Length (m)	Area (m ²)
FHW010	230	150	352,7	0,5	2	1
FHW015	230	225	235,1	0,5	3	1,5
FHW020	230	300	176,3	0,5	4	2
FHW025	230	375	141,1	0,5	5	2,5
FHW030	230	450	117,6	0,5	6	3
FHW040	230	600	88,2	0,5	8	4
FHW050	230	750	70,5	0,5	10	5
FHW060	230	900	58,8	0,5	12	6
FHW070	230	1050	50,4	0,5	14	7
FHW080	230	1200	44,1	0,5	16	8
FHW090	230	1350	39,2	0,5	18	9
FHW100	230	1500	35,3	0,5	20	10
FHW120	230	1800	29,4	0,5	24	12



FHT76WIFI

SMART THERMOSTAT FOR HEATING MATS

- It can be used comfortably with the Tuya Smart application
- LCD display backlight
- **operation according to floor sensor or room temperature**
- adjustable temperature between 5 and 60 °C, in half degrees
- the measured temperatures can be calibrated
- adjustable hysteresis (0.5 - 10 °C)
- manual control or program operation
- **weekly programming option**
- **window opening detection**
- child lock
- switchable max. power: 3680 W (16 A)
- floor sensor, 3 m cable included
- power supply: 230 V~ /50 Hz
- size outside the wall: 86 x 86 x 17 mm

THE25B

WIRED ROOM THERMOSTAT

- 3 operating modes (manual / according to program / absence)
- 4 programmable switching points/day
- 0.5 °C accuracy
- window opening detection and frost protection function
- can be mounted on the wall, with included screws
- power supply: 2 x 1.5 V (AAA) batteries, not included
- size: 13.5 x 8.7 x 2.3 cm

THE25W

- white



THES25BWIFI

SMART WIRELESS ROOM THERMOSTAT

- portable, wall-mounted thermostat
- WiFi connection, can be controlled with an application
- 3 operating modes (manual / according to program / absence)
- 4 programmable switching points/day
- window opening detection and frost protection function
- wall-mounted radio frequency unit (230 V~ 50 Hz)
- radio connection between the thermostat and radio frequency unit
- power supply: 2 x 1.5 V (AAA) batteries, not included
- size: 13.5 x 8.7 x 2.3 cm

THES25WWIFI

- white



RT520RF

SALUS RF WIRELESS ROOM THERMOSTAT

- contact terminal block and Opentherm communications connector
- boiler modulation mode (only with Opentherm central units)
- operation in Opentherm mode is subject to the availability of the standard Opentherm protocol in the boiler; this must be verified by the installing professional.
- optional Optimization mode
- large size and intuitive LCD screen
- TPI self-learning algorithm (proportional + integrated time)
- adjustable service warning
- temperature range: 5 to 32.5 °C
- RF frequency: 868 MHz (up to 30 m)
- power supply: 2 x 1.5 V (AA) battery, included
- dimensions: 9,5 x 11,8 x 2,6 cm



RT520

SALUS WIRED ROOM THERMOSTAT

- contact terminal block and Opentherm communications connector
- boiler modulation mode (only with Opentherm central units)
- operation in Opentherm mode is subject to the availability of the standard Opentherm protocol in the boiler; this must be verified by the installing professional
- optional Optimization mode
- large size and intuitive LCD screen
- PIN code
- adjustable service warning
- temperature range: 5 to 32.5 °C
- power supply: 2 x 1.5 V (AA) battery, included
- power supply: 9,5 x 11,8 x 2,6 cm
- dimensions: 9,5 x 11,8 x 2,6 cm

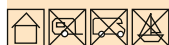




CO10SMART

SMART CARBON MONOXIDE ALARM WITH BATTERY

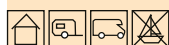
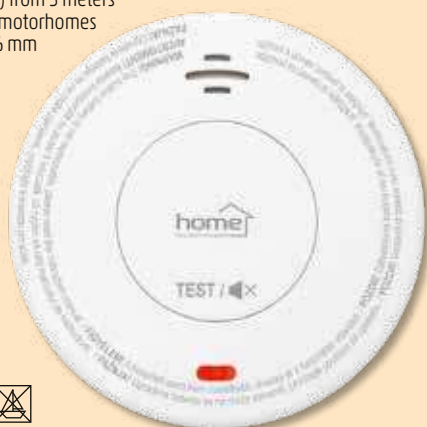
- complies with EN 50291-1:2018 standard
- **compatible with Tuya Smart and Smart Life**
- Wi-Fi connection: 802.11 b/g/n, 2.412-2.472GHz
- **advanced electrochemical sensor**
- device test mode
- end of life display
- test button
- **power supply: 1 x 3 V (CR123A) battery, replaceable (1 accessory)**
- **expected lifetime of the device: 10 years**
- **expected battery life: approx. 5 years**
- end of battery life display
- alarm: 85 dB(A) from 3 meters
- size: 86.5 x 86.5 x 30.5 mm
- weight: 110 g



SMO10SMART

SMART OPTICAL SMOKE DETECTOR

- complies with EN14604:2005/AC:2008 standard
- **compatible with Tuya Smart and Smart Life**
- notifications, battery level and status check via application
- Wi-Fi connection: 802.11 b/g/n, 2.412-2.472GHz
- **optical sensor**
- large, easy-to-use test button
- mute function
- operating temperature: -10 °C - +55 °C
- **power supply: built-in, 2400mAh, non-replaceable lithium battery, expected service life of 10 years**
- **expected lifespan of the device: 10 years**
- end of battery life display
- alarm: 85 dB(A) from 3 meters
- can be used in motorhomes
- size: Ø105 x 36 mm
- weight: 140 g



CO10LCD

CARBON MONOXIDE ALARM WITH BATTERY

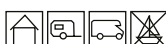
- complies with EN 50291-1:2018 standard
- advanced electrochemical sensor
- device test mode
- end of life display
- test button
- **power supply: 2 x 1.5 V (AA) batteries, replaceable (2 accessories)**
- **expected lifespan of the device: 10 years**
- **expected battery life: approx. 2 years**
- end of battery life display
- alarm: 85 dB(A) from 3 meters
- size: 140 x 70 x 28 mm
- weight: 153 g



SMO11

OPTICAL SMOKE DETECTOR

- complies with EN14604:2005/AC:2008 standard
- optical sensor
- large, easy-to-use test button
- mute function
- operating temperature: 0 °C - +55 °C
- **power supply: built-in, 1600mAh, not replaceable lithium battery, expected service life of 10 years**
- **expected lifespan of the device: 10 years**
- end of battery life display
- alarm: 85 dB(A) from 3 meters
- can be used in motorhomes
- size: Ø105 x 36 mm
- weight: 140g



SMO 01

OPTICAL SMOKE DETECTOR WITH BATTERY

- EN14604:2005/AC:2008 compliant
- optical sensor
- large, easy-to-use test button
- mute function
- **high level reliability**
- powerful 85 dB(A) siren
- LED status indication
- easy installation
- **power supply: 1 x 9 V (6F22) battery, replaceable (1 accessory)**
- **expected battery life: approx. 1 years**
- **expected lifetime of the device: 10 years**
- size: Ø10,1 x 3,4 cm



FA3820-HUR

FIREANGEL CARBON MONOXIDE ALARM

- complies with EN 50291-1 and EN 50291-2 standards
- **advanced electrochemical sensor**
- ventilation warning
- CO sensor test mode
- end of life display
- **power supply: built-in, non-replaceable lithium battery, expected service life of 10 years**
- operating temperature: -10 °C - +40 °C
- permissible relative humidity: 30 - 90%, non-condensing
- **device life cycle: 10 years**
- **warranty: 5 years**
- dimensions: 12.5 x 6.7 x 3.3 cm

VIDEO



FA3322-INT

FIREANGEL CARBON MONOXIDE ALARM

- complies with EN 50291-1 and EN 50291-2 standards
- **advanced electrochemical sensor**
- **informative LCD display**
- ventilation warning
- CO sensor test mode
- end of life display
- **power supply: built-in, non-replaceable lithium battery, expected service life of 10 years**
- operating temperature: -10 °C - +40 °C
- permissible relative humidity: 30 - 90%, non-condensing
- **device life cycle: 10 years**
- **warranty: 5 years**
- dimensions: 12.9 x 7.6 x 3.1 cm

VIDEO



FA6813-EU

FIREANGEL CARBON MONOXIDE ALARM

- complies with EN 50291-1 standard
- **advanced electrochemical sensor**
- alarm memory: indicates if it was previously activated the CO alarm
- selectable test volume
- mute function
- Low battery indicator that can be muted for 8 hours
- end of life display
- **power supply: 2 x 1.5 V (AA) batteries, replaceable (2 accessories)**
- operating temperature: -10 °C - +40 °C
- permissible relative humidity: 25 - 95 %
- **expected lifetime of the device: 10 years**
- **warranty: 3 years**
- size: 12 x 7.3 x 3.5 cm



INNOVATION



RELIABILITY



SERVICE

SCB10-INT

FIREANGEL COMBINED CO AND SMOKE DETECTOR

- complies with EN 50291-1, EN 50291-2 and EN 14604 standards
- **electrochemical CO sensor and optical smoke sensor**
- UL94 V0 flame retardant plastic
- test mode, mute function
- end of lifetime display
- **power supply: built-in, non-replaceable lithium battery, expected service life of 10 years**
- operating temperature: -10 °C - +40 °C
- allowed humidity: 30-93%, non-condensing
- **device life cycle: 10 years**
- **warranty: 3 years**
- dimensions: Ø13,3 x 4,1 cm



ST-622-INT

FIREANGEL COMBINED HEAT AND SMOKE DETECTOR

- complies with EN 14604 standard
- **built-in optical smoke detector and heat detector, Thermoptek technology**
- UL94 V0 flame retardant plastic
- test mode, easy sleep, smart mute functions
- end of lifetime display
- **power supply: built-in, non-replaceable lithium battery, expected service life of 10 years**
- operating temperature: +4 °C - +38 °C
- **device life cycle: 10 years**
- **warranty: 5 years**
- dimensions: Ø13 x 3,4 cm



FA6120-INT

FIREANGEL OPTICAL SMOKE DETECTOR

- complies with EN 14604 standard
- **built-in optical smoke detector**
- silent test and easy sleep functions
- **end of life indication**
- **power supply: built-in, non-replaceable lithium battery, expected service life of 10 years**
- operating temperature: +4 °C - +38 °C
- **device life cycle: 10 years**
- **warranty: 5 years**
- can be used in motorhomes
- dimensions: Ø11,8 x 3,2 cm



VIDEO



FA6115-INT

FIREANGEL OPTICAL SMOKE DETECTOR

- complies with EN 14604 standard
- **built-in optical smoke detector**
- silent test and easy sleep functions
- **battery life end indication**
- **power supply: 2 x 1.5 V (AA) batteries, replaceable (2 included)**
- operating temperature: +4 °C - +38 °C
- expected battery life: approx. 3 years
- **device life cycle: 10 years**
- **warranty: 5 years**
- can be used in motorhomes
- dimensions: Ø11.8 x 3.2 cm



VIDEO



FA6111-INT

FIREANGEL PTICAL SMOKE DETECTOR

- complies with EN 14604 standard
- **built-in optical smoke detector**
- **built-in escape route light**
- silent test and easy sleep functions
- **battery life end indication**
- **power supply: 2 x 1.5 V (AA) batteries, replaceable (2 included)**
- operating temperature: +4 °C - +38 °C
- expected battery life: approx. 3 years
- **device life cycle: 10 years**
- **warranty: 5 years**
- can be used in motorhomes
- dimensions: Ø11.8 x 3.2 cm



VIDEO



FA6215-INT

FIREANGEL HEAT SENSOR

It makes a warning sound when ambient room temperature rises up to between 54 and 65°C

- silent test and easy sleep functions
- **battery life end indication**
- **power supply: 2 x 1.5 V (AA) batteries, replaceable (2 included)**
- operating temperature: +4 °C - +38 °C
- expected battery life: approx. 5 years
- **device life cycle: 10 years**
- **warranty: 5 years**
- can be used in motorhomes
- dimensions: Ø11.8 x 4.1 cm



VIDEO



Charcoal grill

Our grills are ideal for outdoor grilling enthusiasts, as they not only cook food evenly, but also provide a perfect taste experience thanks to their special design. A classic garden atmosphere is guaranteed!

grill



GRG01

GAS GRILL WITH SIDE BURNER

- 3 main burners, the middle one with piezo ignition
- each main burner 3,2 kW
- side burner with piezo ignition, power 3,2 kW
- cooking surface 530 x 400 mm
- 2 baking grids, black ceramic enamel
- pressure reducer and hose included
- For LPG gas mixture
- nominal reduced gas pressure: 30 mbar
- gas cylinder connection: W21,8x1/14" with left thread
- operating temperature range: -20 - +50 °C
- powder-coated housing
- galvanized, conveniently pull-out grease tray
- with integrated thermometer in the lid
- dimensions: 126 x 105,5 x 53 cm
- weight: 29 kg



GRG01P

COVER TARP FOR GRILL

- Cover tarp tailored for GRG01 gas grill distributed by Somogyi Elektronik Kft.
- waterproof design
 - material: polyester
 - size: 129 x 47 x 97 cm

GRG02

GAS GRILL WITH SIDE BURNER

- **2 main burners, with piezo ignition on the left**
- one main burner 3,2 kW
- **side burner with piezo ignition**, power 3,2 kW
- cooking surface 530x400 mm
- 2 baking grids, chrome-plated steel
- with practical storage basket
- **pressure reducer and hose included**
 - For LPG gas mixture
 - nominal reduced gas pressure: 30 mbar
 - gas cylinder connection: W21,8x1/14" with left thread
 - operating temperature range: -20 - +50 °C
- powder-coated housing
- galvanized, conveniently pull-out grease tray
- with integrated thermometer in the lid
- dimensions: 118 x 105,5 x 53 cm
- weight: 26 kg



GRG02P

COVER TARP FOR GRILL

- Cover tarp tailored for GRG02 gas grill distributed by Somogyi Elektronik Kft.
- waterproof design
 - material: polyester
 - size: 121 x 47 x 97 cm



GR03

SPHERICAL GRILL

- can be used with charcoal and charcoal briquettes
- enamelled, easy-to-clean, corrosion-resistant lid and firebox
- lid material enameled steel, Ø59 cm
- firebox material is enameled steel, Ø57 cm
- chromed steel grate, Ø54 cm
- **grate height: 76 cm from the ground**
- charcoal grid galvanized steel: Ø43 cm
- easily removable ash container
- air regulators on the lid and ash container
- legs: 430 SS
- can be rolled on wheels
- thermometer built into the lid
- **dimensions: 85 x 73 x 107 cm**
- weight: 11 kg

VIDEO



GR02

SPHERE GRILL

- can be used with charcoal and charcoal briquettes
- enamelled, easy-to-clean, corrosion-resistant lid and firebox
- firebox material is enameled steel, Ø46.5 cm
- chromed steel grid, Ø43.5 cm
- **grid height: 64 cm from the ground**
- stainless steel ash collection tray
- air control disc on the lid and under the firebox
- 3 wooden handles
- gray powder coated legs
- can be rolled on wheels
- **dimensions: 48 x 60 x 87 cm**
- weight: 4,7 kg

VIDEO



GR01

PORTABLE TABLE GRILL

- can be used with charcoal and charcoal briquettes
- with a double grill surface, ideal for camping and picnicking
- easy to transport with the wooden handle
- 2 grids, 2 charcoal grids
- **grid height: 22 cm from the table**
- grid size: 34 x 22,5 cm
- with steel legs
- adjustable air volume
- **dimensions: 41 x 32,5 x 43 cm**
- weight: 3 kg

VIDEO



GRT02

NON-STICK FILTER

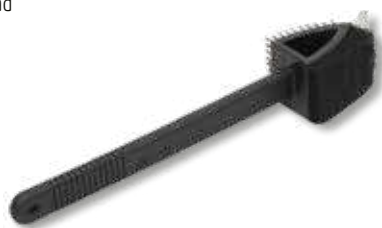
- material: stainless steel, wooden handle
- square-shape design
- non-stick coating
- size: 30.5 x 30.5 x 5 cm



GRT04

GRILL BRUSH

- hard sponge
- metal scouring brush
- stainless steel scraper head
- length: 37,5 cm



GRT06

HAMBURGER PRESS

- material: ribbed aluminum press, plastic handle
- grooved surface
- size: Ø11,5 x 7,5 cm
- weight: 495 g



GRT08

SET OF GRILL SKEWERS, 2 PCS

- material: stainless steel
- skewer length: 25 cm
- total size: 32,5 x 3 cm
- weight: 140 g / 2 pcs



GRT10

MEAT TWEEZERS

- material: chrome-plated steel, rubberized handle
- tweezers head size: 9 x 4.5 cm
- total size: 39 x 9.5 cm
- weight: 135 g



GRT03

PIZZA LADLE

- material: stainless steel
- folding handle
- size folded: 24 x 36.5 cm
- size unfolded: 24 x 57 cm



GRT05

TEFLON GRILL BAKING SHEET SET

Can be used both on the grill and in the oven.
Easy to clean thanks to non-stick coating.

- 2 baking sheets
- material: fiberglass with Teflon coating
- size: 400 x 300 x 0,2 mm



GRT07

STAINLESS STEEL GRILL TRAY

- with perforations to drain excess fat
- material: stainless steel
- size: 260 g



GRT09

GRILL SET IN A BAG

Set contents:

- tweezers: material: surface-treated metal
dimensions: 39.5 x 6.5 x 3 cm
weight: 300 g
- knife: material: surface-treated metal
blade size: 16.5 cm
total size: 41.5 x 3 cm
weight: 135 g
- meat fork: material: surface-treated metal
fork size: 7 cm
total size: 42 x 3 cm
weight: 139 g
- meat turning spatula: material: surface-treated metal
spatula size: 8 x 11 cm
total size: 42.5 x 8 x 3 cm
weight: 200 g
- bag: material: fabric (with cardboard reinforcement)
dimensions (folded): 45 x 14 x 4 cm
total weight: 990 g



Dry-wet vacuum cleaner and accessories

DXV15T

DEWALT DRY-WET VACUUM CLEANER

- container capacity: 15 liters
- 12 KPa suction power (230 V~)
- air delivery: 42.5 liters / second
- throat tube: Ø48 mm x 2.1 m
- accessories: throat tube, extension tube, Clean Connect™ filter, dust bag, general head, crevice nozzle, silica filter, tool arapter
- dust bag type: DXVA19-4240
- rubber-insulated mains cable, 4.85 m
- power supply: 230 V~ / 50 Hz / 1100 W



DXV20P

DEWALT DRY-WET VACUUM CLEANER

- container capacity: 20 liters
- 15 KPa suction power (230 V~)
- air delivery: 37.8 liters / second
- throat tube: Ø48 mm x 2.1 m
- accessories: throat tube, extension tube, Clean Connect™ filter, dust bag, general head, floor cleaning head, crevice suction head, mesh storage bag for the accessories
- type of dust bag: DXVA19-4204
- rubber-insulated mains cable, 3 m
- power supply: 230 V~ / 50 Hz / 1050 W



DXV20PTA

DEWALT DRY-WET VACUUM CLEANER

- container capacity: 20 liters
- 15 KPa suction power (230 V~)
- air delivery: 37.8 liters / second
- throat tube: Ø48 mm x 2.1 m
- with appliance socket (230 V~ / 50 Hz) for additional machines
- accessories: throat tube, extension tube, Clean Connect™ filter, dust bag, general head, floor cleaning head, crevice suction head, round brush head, mesh storage bag for the accessories
- type of dust bag: DXVA19-4204
- rubber-insulated mains cable, 3 m
- power supply: 230 V~ / 50 Hz / 1050 W

DXV25S

DEWALT DRY-WET VACUUM CLEANER

- stainless steel housing
- container capacity: 25 liters
- 15 KPa suction power (230 V~)
- air delivery: 37.8 liters / second
- throat tube: Ø48 mm x 2,1 m
- accessories: throat tube, extension tube, Clean Connect™ filter, dust bag, general head, floor cleaning head, crevice suction head, mesh storage bag for the accessories
- type of dust bag: DXVA19-4204
- rubber-insulated mains cable, 3 m
- power supply: 230 V~ / 50 Hz / 1050 W



DXV30SAPTA

DEWALT DRY-WET VACUUM CLEANER

- stainless steel housing
- container capacity: 30 liters
- 15 KPa suction power (230 V~)
- air delivery: 37.8 liters / second
- throat tube: Ø48 mm x 2,1 m
- with appliance socket (230 V~ / 50 Hz) for additional machines
- accessories: throat tube, extension tube, Clean Connect™ filter, dust bag, general head, floor cleaning head, crevice suction head, round brush head, mesh storage bag for the accessories
- type of dust bag: DXVA19-4201
- rubber-insulated mains cable, 3 m
- power supply: 230 V~ / 50 Hz / 1050 W



DXVA19-2600

DEWALT SUPER FLEXIBLE HOSE FOR "TOOLBOX"

- 48 mm x 2,1 m



DXVA20-1200A

DEWALT SPONGE FILTER FOR "TOOLBOX"



DXVA19-1202

DEWALT VACUUM CLEANER EXTENSION TUBE, 48 MM



DXVA19-1300

DEWALT VACUUM CLEANER HEAD, UTILITY HEAD, 48 MM



DXVA19-1400

DEWALT VACUUM CLEANER HEAD, CREVICE SUCTION HEAD, 48 MM



DXVA19-1900D

DEWALT VACUUM CLEANER HEAD, FLOOR CLEANING HEAD, 48 MM



DXVA19-2400

DEWALT VACUUM CLEANER HEAD, ROUND BRUSH, 48 MM



DXVA19-2558

DEWALT VACUUM CLEANER THROAT TUBE 48 MM X 2.1 M



DXVA19-5158

DEWALT MESH STORAGE BAG FOR THE ACCESSORIES



DXVC4001

DEWALT FILTER, TRADITIONAL



DXVA25-4240

DEWALT DUST BAGS FOR "TOOLBOX", 3 PCS



DXVA19-4201

DEWALT DUST BAG 23 LITERS-38 LITERS, 3 PCS



DXVA19-4204

DEWALT DUST BAG 20 LITERS-30 LITERS, 3 PCS

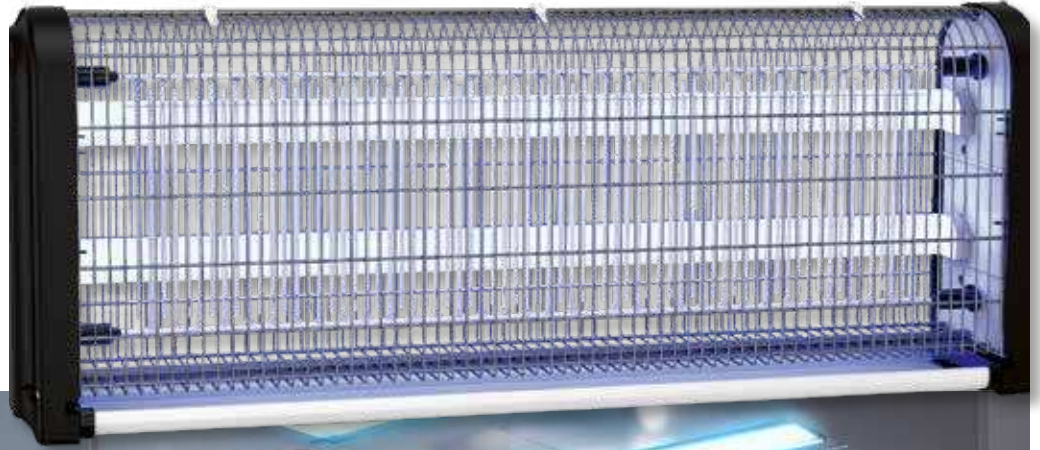


Insect and rodent repellent

IKM150L

INDOOR INSECT KILLER

- range: **150 m²**
- visible light not only from both sides but also from above, attractive to insects
- purple UV-A light
- switchable on/off
- removable insect collection tray
- chain for hanging
- energy-saving LED **UV-A fluorescent tube: 2 x 10 W (T8F10WLED)**
- ask a specialist for help to replace the fluorescent tube
- power supply: 220-240 V~ 50-60 Hz 16 W
- power cable length: 1 m
- dimensions: 69 x 27 x 8 cm



IKM50L

INDOOR INSECT KILLER

- range: **50 m²**
- visible light not only from both sides but also from above, attractive to insects
- purple UV-A light
- switchable on/off
- removable insect collection tray
- chain for hanging
- energy-saving LED **UV-A fluorescent tube: 2 x 4.5 W (T5F4.5WLED)**
- ask a specialist for help to replace the fluorescent tube
- power supply: 220-240V~ 50-60Hz 9W
- power cable length: 1 m
- dimensions: 38 x 25 x 8 cm



T8F10WLED

SPARE LIGHT TUBE
FOR IKM150L, 10 W

T5F4,5WLED

SPARE LIGHT TUBE
FOR IKM50L, 4,5 W

IK260L

ELECTRIC INDOOR INSECT KILLER

- range: 50 m²
- purple UV-A light
- removable insect collection tray
- cleaning brush included
- energy-saving LED **UV-A fluorescent tube: 1 x 4 W** (T5F4WLED)
- ask a specialist for help to replace the fluorescent tube
- power supply: 220-240 V~ 50-60 Hz 4 W
- power cable length: 1 m
- size: Ø13 x 33 cm



IKK30L

ELECTRIC OUTDOOR INSECT KILLER

- range: 30 m²
- can be used indoors and outdoors
- splashing water resistant, IPX4 design
- purple UV-A light
- removable insect collection tray
- energy-saving LED **UV-A fluorescent tube: 1 x 4 W** (PLU4WLED)
- ask a specialist for help to replace the fluorescent tube
- power supply: 220-240 V~ 50-60 Hz 4.5 W
- power cable length: 1.3 m
- size: Ø16 x 26 cm



IK 250

ELECTRONIC INDOOR INSECT KILLER

- effective range: 40 m²
- purple UV-A light
- twist-off insect collection tray
- **UV-A UV-A light source: 1 x 11 W** (cannot be changed by user)
- power supply: 230 V~ / 50 Hz / 11 W
- dimensions: 11,5 x 30 x 10 cm



IK 240

INDOOR INSECT KILLER

- effective range of 30 m²
- purple UV-A light
- removable insect collector tray
- **UV-A fluorescent lamp: 1 x 6 W** (not home replaceable)
- length of power cable: 1,2 m
- power supply: 230 V~ / 50 Hz / 6 W
- dimensions: 13,5 x 13,5 x 32,5 cm



IK 230

INDOOR INSECT KILLER

- effective range of 20 m²
- purple UV-A light
- removable insect collector tray
- **UV-A fluorescent lamp: 1 x 4 W** (not home replaceable)
- length of power cable: 1,2 m
- power supply: 230 V~ / 50 Hz / 4 W
- dimensions: 11,5 x 11,5 x 25 cm



UH 10

ULTRASONIC INSECT REPELLENT

- keeps mosquitos away in closed spaces
- **effective range of 30 m²**
- power supply: 230 V~ / 50 Hz / 0,5 W
- dimensions: 5,6 x 3 x 2 cm



UH 11

ULTRASONIC MOSQUITO REPELLENT

- suitable for distracting flying insects and mosquitoes
- **effective range of 60 m²**
- variable ultrasound frequency
- switchable night direction light
- the LED light source in the device cannot be replaced
- power supply: 220-240 V~ / 50-60 Hz
- dimensions: 5,5 x 9,5 x 3,2 cm



EGR01

ELECTRIC PIGEON REPELLENT

- effectively repels and keeps pigeons away from residential areas
- special screeching sound
- **sound frequency: 30-60 sec**
- sound duration: 3 sec
- frequency: 5-15 KHz
- recommended placement frequency: every 20-40 meters
- power supply: 9 V (6LR61) battery, not included
- size: Ø3.7 x 16 cm
- weight: 120 g



EPR01

ELECTRIC RAT AND MARE REPELLENT

- can effectively repel and can keep away rats, martens, and even mice that cause great damage, without using poisons or traps
- special screeching sound
- **sound frequency: 40-80 sec**
- sound duration: 3 sec
- frequency: 5-15 KHz
- power supply: 9 V (6LR61) battery, not included
- size: Ø3.7 x 16 cm
- weight: 120 g



ESR01

ELECTRIC STARLING REPELLENT

- effectively repels and keeps away starlings that cause great damage in orchards and vineyards
- special screeching sound
- **sound frequency: 25-35 seconds**
- sound duration: 3 seconds
- frequency: 5-15 KHz
- recommended placement frequency: every 50-60 meters
- power supply: 9 V (6LR61) battery, not included
- size: Ø3.7 x 16 cm
- weight: 120 g



ESR01A

ELECTRIC STARLING REPELLENT, WITH DUSK SWITCH

- effectively repels and keeps away starlings that cause great damage in orchards and vineyards
- **with dusk switch, works only in daylight**
- special screeching sound
- **sound frequency: 25-35 seconds**
- sound duration: 3 seconds
- frequency: 5-15 KHz
- recommended placement frequency: every 50-60 meters
- power supply: 9 V (6LR61) battery, not included
- size: Ø3.7 x 16 cm
- weight: 120 g



EVR01

ELECTRIC WILDLIFE ALARM

- effectively repels and keeps away wild boars, deer, roe deer, and rabbits that cause great damage in arable land and orchards
- special screeching sound
- **sound frequency: 1,5-2 minutes**
- sound duration: 3 seconds
- frequency: 5-15 KHz
- recommended placement frequency: every 80-100 meters
- power supply: 9 V (6LR61) battery, not included
- size: Ø3.7 x 16 cm
- weight: 120 g



EVR01A

ELECTRIC WILDLIFE ALARM, WITH DUSK SWITCH

- effectively repels and keeps away wild boars, deer, roe deer, and rabbits that cause great damage in fields and orchards
- **with dusk switch, works only in the dark**
- special screeching sound
- **sound frequency: 1,5-2 minutes**
- sound duration: 3 seconds
- frequency: 5-15 KHz
- recommended placement frequency: every 80-100 meters
- power supply: 9 V (6LR61) battery, not included
- size: Ø3.7 x 16 cm
- weight: 120 g



IN 25352

BATTERY-OPERATED MARTEN REPELLENT

Marten Free™

- ultrasonic signal output
- **effective range: 50 m²**
- for indoor use
- does not use poison
- harmless to children, birds, fish
- not interfering the other electronic appliances
- power supply: 3 x 1,5 V (LR 14) batteries, not included
- dimensions: 3,7 x 13 x 8 cm



SILVERLINE®



IN 25301

ELECTRIC MOUSE AND RAT REPELLENT

Mice & Rat Free 50™

- ultrasonic signal output
- **effective range: 50 m²**
- for indoor use
- does not use poison
- harmless to children, cats, dogs, birds, fish
- power supply: 230 V~ / 0,5 W
- dimensions: 6,2 x 8,5 x 6,4 cm



SILVERLINE®



IN 25308

ELECTRIC MICE AND RAT REPELLENT

Mice & Rat Free 130™

- ultrasound and electromagnetic impulse combinations
- **effective range: 130 m² ultrasound / 400 m² electromagnetic impulse**
- for indoor use
- does not use poison
- harmless to children, cats, dogs, birds, fish
- not interfering the other electronic appliances
- power supply: 230 V~ / 4 W
- dimensions: 7,5 x 14 x 8 cm



SILVERLINE®



IN 25304

ELECTRIC MOUSE AND RAT REPELLENT

Mice & Rat Free™ 30+30™

- ultrasonic signal output
- **effective range: 30 m²**
- for indoor use
- does not use poison
- harmless to children, cats, dogs, birds, fish
- power supply: 230 V~ / 2 W
- dimensions: 6,1 x 7,2 x 6,4 cm



SILVERLINE®



IN 25306

ELECTRIC MOUSE AND RAT REPELLENT

Mice & Rat Free™ 80™

- combined ultrasonic and electromagnetic impulse
- **effective range: 80 m² ultrasonic / 200 m² electromagnetic**
- for indoor use
- does not use poison
- harmless to children, cats, dogs, birds, fish
- power supply: 230 V~ / 1,8 W
- dimensions: 6,5 x 11,9 x 7 cm



SILVERLINE®



IN 25342

ELECTRIC SPIDER REPELLENT

Spider Free 30™

- alternate dual-frequency ultrasonic signal output
- **effective range: 30 m²**
- for indoor use
- does not use poison
- harmless to children, cats, dogs, birds, fish
- power supply: 230 V~ / 2 W
- dimensions: 6,2 x 8,5 x 6,4 cm



SILVERLINE®



SILVERLINE® insect and rodent repellent

UH 12

DUALEFFECT RODENT REPELLENT

- suitable for disturbing mice, rats and small rodents in one room
- **effective range of 60 m²**
- selectable fixed or variable ultrasound frequency
- increased disturbance due to electromagnetic waves
- switchable night direction light
- the LED light source in the device cannot be replaced
- power supply: 220-240 V~ / 50-60 Hz
- dimensions: 7,2 x 11,5 x 3,5 cm



IN 22455

DOOR MOSQUITO MESH

InsectScreen Door

- **dense woven anthracite gray polyester mesh**
- keeps flying insects out
- size: 75 x 250 cm
- box content: 2 pcs



SILVERLINE®



IN 22150

MECHANICAL MOUSETRAP

MouseTrap „Hiro M1“

- **unique mechanism**
- easy to empty, without the risk of getting in contact with the dead mouse
- reusable
- several types of baits can be used
- **safe for children and pets**
- dimensions: 5,5 x 5 x 13,5 cm



SILVERLINE®



IN 22143

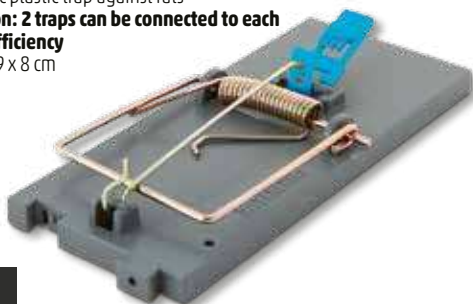
MECHANICAL RAT TRAP

RatTrap „Brave R1“

- efficient and hygienic plastic trap against rats
- **DoubleTrap function: 2 traps can be connected to each other, increasing efficiency**
- dimensions: 2,4 x 19 x 8 cm



SILVERLINE®



UH 13

ULTRASONIC RODENT REPELLER

- suitable for disturbing mice, rats and mice in one room
- **effective range of 120 m²**
- constantly changing ultrasound frequency
- selectable 24-hour or night-only mode
- alarm frequency adjustable in 3 steps
- test button to check operation
- can be placed on the floor or hung on the wall
- can be operated from batteries or from the included USB network adapter
- power supply: 3 x 1.5 V (C) batteries, not included, or power adapter 5 V / 1 A, included
- dimensions: 14 x 8,5 x 7,3 cm



DOG 01

HANDHELD DOG REPELLENT

It repels and keeps dogs away with sound effects. Should only be used to repel offensive dogs.

- **10 m range**
- 25 kHz frequency
- **inaudible by human ear**
- operation indicator LED
- **with accessory wrist strap**
- power supply: 1 x 9 V (6LR61), not included
- dimensions: 4 x 2,5 x 12,5 cm



ISM 90210

MAGNETIC MOSQUITO NET FOR DOORS

- easy installation with the self-adhesive Velcro tape
- magnetic closing
- **ideal for doors measuring 90 x 210 cm**



VIDEO



VKS 04

SOLAR MOLE REPELLENT STAKE WITH LED LIGHT

The vibration effectively scares off rodents and moles.

LED light illuminates and product can work at night due to the built-in accumulator.

- large solar panel (90 x 60 mm)
- LED light in the upper part of the stake
- 250 mm aluminium stake
- emits vibration every 50 sec.
- frequency range: 400 Hz +/- 100 Hz
- **effective range: 800 m²**
- built-in accumulator: 1,2 V / 300 mAh / AA (NiMH)
- dimensions: Ø15 x 37 cm



VKS 02

SOLAR MOLE REPELLENT STAKE

The vibration effectively scare off rodents and moles. LED light illuminates and product can work at night due to the built-in accumulator.

- large solar panel (90 x 60 mm)
- emits vibration every 30 sec.
- frequency range: 400-1000 Hz
- material: plastic + aluminium stake
- **effective range: 350 m²**
- built-in accumulator: 1,2 V / 600 mAh / AA (NiMH)
- dimensions: Ø15 x 26 cm



VK 02

MOLE REPELLENT STAKE

Effectively repels underground rodents and moles using vibrations.

- suitable for keeping moles, voles and mole-rats away
- the signals do not disturb other animals or humans
- emits vibrations approx. at 50-second intervals (400 - 1000 Hz)
- **protects an area of up to 800 m², depending on the quality of the soil**
- long operating time
- power supply: 3 X 1,5 V LR20 (D), not included
- dimensions: 5 x 7 x 30 cm



VK03

MOLE REPELLENT STAKE

With its vibrations, it effectively removes underground rodents and moles.

- suitable for keeping away moles, field voles and ground dogs
- the signals do not disturb other animals or people
- DualAttack: emits vibrations every 30 seconds with sound (400 Hz - 2000 Hz) or vibro-motor
- **depending on the quality of the soil, to protect an area of up to 1000 m²**
- long, even half a year operating time using durable alkaline batteries
- power supply: 4 x 1,5 V LR20 (D), not included
- dimensions: Ø5,6 x 41,5 cm



VK 01

MOLE REPELLENT STAKE

- auto-vibrations keeps away rodents
- suitable for keeping moles, voles and mole-rats away
- the signals do not disturb other animals or humans
- **protects an area of up to 3000 m², depending on the quality of the soil**
- very low consumption, it works up to 2-3 months with one battery
- power supply: 1 x 6LR61 (9 V) battery, not included
- dimensions: Ø4,5 x 30 cm



AR 01

ANIMAL REPELLENT STAKE

Repels animals efficiently with sound and light signals.

- **suitable for keeping dogs, cats, foxes, martens and small rodents away**
- the signals do not disturb other animals or humans
- **PIR motion and light sensor - repels with ultrasonic at daytime, with ultrasonic and light signal at night**
- frequency: 13 - 60 kHz
- up to 8 meters and 120° motion detection range
- **built-in solar panel**
- power supply: 4 X 1,2 V 300 mAh NiMH (AA) replaceable accumulator, included
- dimensions: Ø13 x 34 cm



AR02

ANIMAL REPELLENT STAKE

- **with its selectable frequency bands, it is suitable for keeping away small rodents, mice, rats, or larger dogs, foxes, cats, and birds**
- frequency: 13.5 kHz - 23.5 kHz
- **optional flash alarm**
- with a PIR motion sensor up to a detection distance of 5 - 8 m
- **built-in solar panel, USB charging cable included**
- power supply: 3 x 1,2 V 400mAh NiMH (AA) replaceable battery, included
- dimensions: 90 x (130/380) x 68 mm



Decoration lighting

CD 1

LED CANDLE, IN BOTTLE

- indoor design
- **warm white, flickering, flame-shaped LED**
- made with real wax
- on/off switch
- power supply: 2 x 1,5 V (AA) batteries, not included
- **dimensions: Ø7,5 x 12,5 cm**



CDO 1

LED CANDLE

- outdoor and indoor design
- **warm white, steady LED**
- raw material: plastic
- **ON / OFF / TIMER (6 h ON / 18 h OFF) repeating timer**
- power supply: 2 x 1.5 V (AA) batteries, not included
- **dimensions: Ø7,5 x 12,5 cm**



CDS 3

LED CANDLE SET, IN BOTTLE

- indoor design
- **warm white, flickering, flame-shaped LED**
- made with real wax
- on/off switch
- power supply: 2 x 3 V (CR2032) batteries, included
- **dimensions: Ø5 x 10/12,5/15 cm**



CDX 2/WH

LED CANDLE WITH ACRYLIC WICK

- indoor design
- **1 pc of flickering, yellow LED**
- raw material: plastic
- with on/off switch
- power supply: 2 x 1,5 V (baby C) battery, not included
- **dimensions: Ø6 x 10 cm**



CMW 16

LED WAX CANDLE WITH MOVING WICK

- indoor design
- real wax material
- moving candle flame
- **1 yellow LED**
- power supply: 2 x 1,5 V (AA) batteries, not included
- **dimensions: Ø7,5 x 15 cm**

VIDEO



CDX 1

LED LANTERN

- indoor design
- **1 orange twinkling LED**
- ca. 60 day operating time
- power supply: 2 x 1,5 V (AA) batteries, not included
- **dimensions: Ø5 x 8 cm**



CD 6/WH

LED TEALIGHT CANDLE

- indoor design
- **1 orange flashing LED**
- power supply: 1 x 3 V (CR2032) button cell, included
- **dimensions: Ø3,8 x 4 cm**
- 6 pcs/blister



CD 2/WX

LED TEALIGHT CANDLE

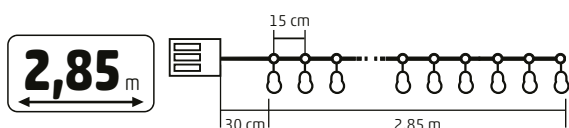
- indoor design
- **1 orange flashing LED**
- power supply: 1 x 3 V (CR2032) button cell, included
- **dimensions: Ø3,8 x 4 cm**
- 2 pcs/blister



MLC20B

LED BALL LIGHT STRING, BATTERY-POWERED

- indoor design
- 20 warm white LEDs
- **wooden and plastic ball decoration**
- on/off switch
- power supply: 3x1.5 V (AA) batteries, not included



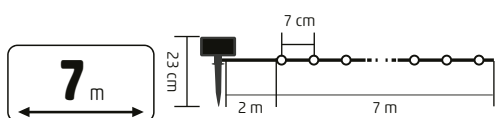
SLC100 SERIES

SOLAR LIGHT STRING

- indoor and outdoor design
- **100 LEDs**
- **charges during the day, glows in the dark (max. 8 hours)**
- removable solar panel, adjustable angle of inclination
- can be switched on and off
- battery: 1 x 400 mAh Ni-MH (AA), included
- green wire

SLC100WH - cool white

SLC100WW - warm white



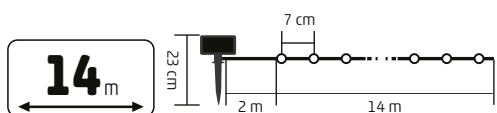
SLC200 SERIES

SOLAR LIGHT STRING

- indoor and outdoor design
- **200 LEDs**
- **charges during the day, glows in the dark (max. 8 hours)**
- removable solar panel, adjustable angle of inclination
- can be switched on and off
- battery: 1 x 600 mAh Ni-MH (AA), included
- green wire

SLC200WH - cool white

SLC200WW - warm white





LPL 10 PAPAYA

PARTY LIGHT CHAIN, CONNECTABLE, WITH FILAMENT LEDS

- outdoor and indoor design
 - **10 water-clear, plastic papaya-shaped bulbs**
 - 1 filament LED with warm white constant light per bulb
 - black rubber cable
 - power supply: outdoor IP44 network adapter, included
 - **dimensions: 4.5 m + 5 m power cable**
- Up to **3 of the products can be connected** to each other with one network connection (30 papaya bulbs)! Cannot be combined with other products!



LPL 30/M

LED LIGHT CHAIN

- out- and indoor design
- 30 colored LED bulbs
- 5 cm plastic bulbs
- power supply: 230 V~ / 24 V adapter
- **dimensions: 14,5 m + 5 m power cable**



FOL 1

FIBER OPTIC LED LIGHT

- indoor design
- 3 LEDs (red/blue/green)
- **continuously changing color**
- power supply: 3 x 1,5 V (AA) batteries (not included)
- **Ø8 x 8 cm lamp body**
- 26 cm long optical fibres





WF 02

WATER FOUNTAIN

- polyresin material
- for indoor use
- with warm white LEDs
- power supply: mains adapter included
- **dimensions:**
30,5 x 47,8 x 25,5 cm

VIDEO



SWF02

SOLAR GARDEN FOUNTAIN

- built-in solar panel
- **six types of nozzles included**
- up to 40 cm water column height
- IPX8 protection
- can be used under water to a maximum depth of 1 meter
- **it works automatically**
- **no batteries or accumulators required**
- dimensions: Ø16 x 3 cm



MXNV3

SUN SAIL, WITH SOLAR LED LIGHT

- solar powered
- indoor and outdoor design
- with 140 warm white LEDs
- 8 programs
- **IP44 protected against splashing water** (from all directions)
- shading 85-95%
- the material is polyethylene HDPE
- power supply: 1x 1.2VAA NiMH 1000 mAh battery
- attached cord and fixing elements for the sail
- **size: 3 x 3 x 3 m**



MX 655/2

SOLAR WALL LAMP

- **painted aluminum and milk glass design**
- 2 warm white SMD LEDs
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather resistant design
- **can be attached to the wall**
- built-in (1.2 V / 1000 mAh) Ni-MH battery
- **dimensions: 8.2 x 5.2 x 20.6 cm**



MX654

SOLAR WALL LAMP

- **1 warm white SMD LED**
- **on/off switch**
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- wall mountable
- material: metal+plastic
- **power supply: 1 x 1.2 V / 200 mAh Ni-MH battery**
- size: 12 x 11 x 12 cm



MX653

SOLAR DECORATIVE LIGHTING, WALL LAMP

- **1 warm white SMD LED**
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- wall mountable
- material: aluminium+stainless steel, plastic, glass
- **power supply: 1x1,2 V / 900 mAh Ni-MH battery**
- size: 10,1 x 8,4 x 20,8 cm



MX 651

SOLAR WALL LIGHT

- made of plastic
- **1 pc high intensity warm white SMD LED**
- **automatic switching on and off**
- built-in solar cell and battery charger: the appliance charging during daytime, lighting at night
- weather-resistant design
- screw and dowel for wall mounting included
- **replaceable LiFePO4 battery (3,2 V / 800 mAh)**
- **dimensions: 10 x 10 x 10 cm**



VIDEO



MX655

SOLAR GARDEN LAMP

- 1 pc warm white filament LED
- on/off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- material: plastic
- power supply: 1.2 V, 300 mAh AAA Ni-MH battery
- size: 18,5 x 18,5 x 20 cm
- 6 pcs/display

Only available in display!



MX652

SOLAR GARDEN LAMP

- can be mounted on gutter, fence, wall
- 3 high brightness warm white LEDs
- on/off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- IP44 protected against splashing water
- plastic design
- power supply: 1 x 1.2 V, 600 mAh AA Ni-MH battery
- size: Ø12 (17) x 6 cm

MX205

SOLAR LANTERN SET

- 1 warm white LED
- on/off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- colour: white, blue, pink
- material: plastic + nylon fabric
- power supply: 1.2V, 40mAh Ni-MH button battery
- dimensions: Ø8 x 10,5 cm
- contents of the package: 3 lanterns



MX 300

SOLAR GARDEN TORCH

- realistic torch flame effect
- 72 yellow LEDs
- automatic switching on and off
- built-in solar panel and battery charger: charging during the daytime, lighting at night
- built-in micro USB socket
- weather-resistant design
- insertable to ground
- built-in (3,7 V / 1200 mAh) Li-ion battery
- dimensions: Ø13,5 x 78 cm



VIDEO



MX301

SOLAR GARDEN TORCH

- 12 yellow SMD LEDs
- on/off switch
- realistic torchlight effect
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- material: plastic
- power supply: 1 x 1.2V 2/3 AAA 200mAh Ni-MH battery
- size: Ø7,5 x 50 cm
- 12 pcs/display

Only available in display!



MX842

SOLAR GARDEN LAMP

- 1 white LED
- on/off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- material: plastic
- power supply: 1.2 V, 40 mAh Ni-MH button battery
- size: Ø4,5 x 30,5 cm, with piercing spike
- 24 pcs/display

Only available in display!



MX761

SOLAR GARDEN LAMP

- 1 colour LED
- on/off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- material: plastic
- power supply: 1.2 V, 100 mAh AAA Ni-MH battery
- size: Ø7 x 19,5 cm + 10 cm spike
- 15 pcs/display

Only available in display!



MX716

SOLAR GARDEN LAMP

- plastic design
- 1 cold white LED
- automatic switching on and off
- built-in solar panel and battery charger: charges during the day, lights up at night
- IP44 protected against splashing water
- built-in 1,2 V / 40 mAh HB40 (Ni-MH) battery
- dimensions: 8,5 x 8,5 x 24,5 (36,5) cm
- 12 pcs / display

Only available in display!



MX717

SOLAR GARDEN LAMP

- plastic design
- 1 yellow flashing LED
- automatic switching on and off
- built-in solar panel and battery charger: charges during the day, lights up at night
- IP44 protected against splashing water
- built-in 1,2 V / 40 mAh HB40 (Ni-MH) battery
- dimensions: 6,2 x 6,2 x 33 (43) cm
- 12 pcs / display

Only available in display!



MX 760

SOLAR GARDEN LIGHT

- up to 8 hours of continuous operation
- 1 bright white LED
- automatic switching on and off
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- weatherproof design
- insertable to ground
- replaceable (1,2 V / 600 mAh) AA NiMH battery
- dimensions: Ø12,5 x 45,5 cm



MX 720

SOLAR GARDEN LIGHT

- made of plastic
- light source: 1 white LED
- automatic switching on and off
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- weatherproof design
- insertable to ground
- replaceable (1,2 V/200 mAh) AAA NiMH battery
- dimensions: 4,9 x 4,9 x 38 cm
- 12 pcs / display

Only available in display!



MX 811/4

SOLAR GARDEN LIGHT, 4 PCS

- metal / glass / plastic design
- **light source: 1 color changing LED**
- **automatic switching on and off**
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- weatherproof design
- insertable to ground
- replaceable (1,2 V / 200 mAh)
- AAA NiMH battery
- **dimensions: Ø8 x 37 cm**



MX810

SOLAR GARDEN LAMP

- metal and plastic design
- **1 cold white LED**
- **automatic switching on and off**
- built-in solar panel and battery charger: charges during the day, lights up at night
- **IP44 protected against splashing water**
- built-in 1,2 V 40 mAh HB40 (Ni-MH) battery
- **dimensions: 4,6 x 4,6 x 15,5 (25,5) cm**
- 12 pcs / display

Only available in display!



MX 809

SOLAR GARDEN LIGHT

- metal / plastic design
- **1 pc warm white LED**
- **automatic switching on and off**
- built-in solar panel and battery charger: charging during the daytime, lighting at night
- weatherproof design
- replaceable AAA battery (1,2 V / 200 mAh)
- **dimensions: Ø7 x 34 cm**
- 12 pcs / display

Only available in display!



MX 762/2

SOLAR GARDEN LAMP

- stainless metal/plastic design
- **1 color changing LED**
- ON/OFF switch
- built-in solar panel and battery charger: charging during the daytime, lighting at night
- weather resistant design
- **insertable to ground**
- built-in (1.2 V / 200 mAh)
- Ni-MH battery
- **dimensions: Ø12.5 x 36.6 cm**



MX 715D

SOLAR GARDEN LIGHT

- **up to 8 hours of continuous operation**
- **1 bright white LED**
- **automatic switching on and off**
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- weatherproof design
- made of stainless steel
- insertable to ground
- replaceable (1,2 V / 600 mAh)
- AA NiMH battery
- **dimensions: Ø12 x 40 cm**



MX 802/4

SOLAR GARDEN LIGHT, 4 PCS

- metal / plastic design
- **light source: 1 white LED**
- **automatic switching on and off**
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- weatherproof design
- **chrysal-like head**
- insertable to ground
- replaceable (1,2 V/200 mAh)
- AAA NiMH battery
- **dimensions: Ø8 x 34,5 cm**



MX816

SOLAR GARDEN LAMP

- metal and plastic design
- **1 yellow flashing LED**
- **automatic switching on and off**
- built-in solar panel and battery charger: charges during the day, lights up at night
- **IP44 protected against splashing water**
- built-in 1,2 V / 40 mAh HB40 (Ni-MH) battery
- **dimensions: 6,2 x 6,2 x 27,5 (37,5) cm**
- 12 pcs / display

Only available in display!



MXLTN1

SOLAR LANTERN

- 1 warm white LED
- on/off switch
- realistic flame effect
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- material: plastic
- power supply: 1,2 V, 200 mAh 2/3 AAA Ni-MH battery
- size: 10,5 x 10,5 x 23,5 cm
- 6 pcs / display

Only available in display!



MX661

SOLAR GARDEN LAMP

- 1 pc warm white LED + 36 pcs warm white microLEDs
- with running light LED effect simulating watering
- on/off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- material: metal
- power supply: 1 x 1.2 V AA, 600 mAh Ni-MH battery
- water-can size: 28 x 14,5 x 16 cm
- stabbing spike height: 84 cm

MX671B

SOLAR GARDEN LAMP

- 1 warm white LED
- on/off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- material: resin+plastic
- power supply: 1.2 V, AAA 300 mAh Ni-MH battery
- size: 6,3 x 5,5 x 8,3 + 27cm stem with stabbing spike

MX671N

SOLAR GARDEN LAMP

- 1 warm white LED
- on/off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- material: resin+plastic
- power supply: 1.2 V, AAA 300 mAh Ni-MH battery
- size: 6,3 x 5,5 x 8,3 + 27cm stem with stabbing spike

MX671S

SOLAR GARDEN LAMP

- 1 warm white LED
- on/off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- material: resin+plastic
- power supply: 1.2 V, AAA 300 mAh Ni-MH battery
- size: 6,3 x 5,5 x 8,3 + 27cm stem with stabbing spike



MX648

SOLAR GARDEN LAMP

- 1 warm white LED
- on/off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- material: resin
- power supply: 1.2 V, 300 mAh Ni-MH battery
- size: 14,5 x 13,5 x 18 cm



MX649M

SOLAR GARDEN LAMP

- 1 pc warm white filament LED
- on-off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- material: resin
- power supply: 1.2 V, 300 mAh Ni-MH battery
- size: 26 x 12,5 x 15,5 cm



MX649S

SOLAR GARDEN LAMP

- 1 pc warm white filament LED
- on-off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- material: resin
- power supply: 1.2 V, 300 mAh Ni-MH battery
- size: 26 x 12,5 x 15,5 cm



MX 632C

SOLAR LAMP, SMURF FIGURE

- up to 8 hours of continuous operation
- 1 bright color changing LED
- automatic switching on and off
- built-in solar panel and battery charger: charges during the day, lights up at night
- replaceable (1,2 V / 600 mAh) AA NiMH battery
- size: 25 cm



MX 637

SOLAR GARDEN LIGHT

- weatherproof design
- 1 pc warm white LED
- automatic switching on and off
- built-in solar cell and battery charger: the appliance charging during daytime, lighting at night
- replaceable AAA battery (1.2 V/200 mAh)
- dimensions: 17,5 x 23 x 15 cm



MX 642

SOLAR GARDEN LIGHT

- resin / plastic design
- 1 pc warm white LED
- automatic switching on and off
- built-in solar panel and battery charger: charges during the day, lights up at night
- weatherproof design
- replaceable AAA battery (1.2 V/200 mAh)
- dimensions: 17,5 x 23 x 15 cm



VIDEO



VIDEO





MX643

SOLAR GARDEN LAMP, PETS

- polyresin, plastic design
- **2 cold white LEDs**
- **automatic switching on and off**
- built-in solar panel and battery charger: charges during the day, lights up at night
- **IP44 protected against splashing water**
- built-in 1,2 V / 100 mAh 1/3 AAA (Ni-MH) battery
- **size: 9,4 x 8,5 x 13 cm**
- 12 pcs / display

Only available in display!



MX 639

SOLAR GARDEN LIGHT

- resin and plastic design
- **2 pcs white LEDs**
- **automatic switching on and off**
- built-in solar panel and battery charger: charges during the day, lights up at night
- weatherproof design
- built-in NiMH battery (1,2 V/40 mAh)
- **dimensions:**
- **mushroom: 12,5 x 11 x 11 cm**
- **owl: 13 x 9,5 x 8 cm**
- **snail: 13 x 12 cm x 7 cm**
- 9 pcs / display

Only available in display!

VIDEO



MX645

SOLAR GARDEN LAMP, LADYBUG

- polyresin material
- **2 cold white LEDs**
- **automatic switching on and off**
- built-in solar panel and battery charger: charges during the day, lights up at night
- **IP44 protected against splashing water**
- built-in 1.2 V / 40 mAh HB40 (NiMH) button battery
- **size: 10,5 x (16,5/26,5) x 7 cm**



MX644

SOLAR GARDEN LAMP, BEE

- polyresin material
- **2 cold white LEDs**
- **automatic switching on and off**
- built-in solar panel and battery charger: charges during the day, lights up at night
- **IP44 protected against splashing water**
- built-in 1.2 V / 40 mAh HB40 (NiMH) button battery
- **size: 10,5 x (16,5/26,5) x 7 cm**



MX647

SOLAR GARDEN LAMP

- 3 pcs warm white LEDs in the flowers
- weather-resistant design
- on/off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- material: resin
- power supply: 1.2 V 80 mAh Ni-MH button battery
- size: 9,3 x 6,8 x 13,5 cm
- 12 pcs/display

Only available in display!



MX672

SOLAR GARDEN LAMP

- 1 warm white LED in the lamp
- on/off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- material: resin+plastic
- power supply: 1.2 V, 80 mAh Ni-MH button battery
- size: 15 x 10 x 15 cm
- 6 pcs/display

Only available in display!



MX626WW

SOLAR GARDEN LAMP

- 8 large warm white LEDs
- automatic on/off switching
- on/off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- IP44 protected against splashing water
- metal+plastic design
- power supply: 1 x 1.2 V, 200 mAh AA Ni-MH battery
- size: Ø12 x 14cm, with spike



MX670

SOLAR GARDEN LAMP

- 2 warm white LEDs
- on/off switch
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather-resistant design
- material: resin+plastic
- power supply: 1.2 V, 40 mAh Ni-MH button battery
- size: 6,3 x 5,5 x 8,3 cm / 6,7 x 4 x 8,7 cm
- 12 pcs/display

Only available in display!



M 700AAA

ACCUMULATOR

- NiMH accumulator
- type (AAA)
- 1,2 V/700 mAh
- 4 pcs/blister



M 302AAA

RECHARGEABLE BATTERY

- NiMH battery
- mini pencil (AAA) size
- 300 mAh
- 2 pcs/blister



M 702AA

RECHARGEABLE BATTERY

- NiMH battery
- pencil (AA) size
- 700 mAh
- 2 pcs/blister





LA 10 Q

TABLE LAMP WITH WIRELESS CHARGER

- 600 lumen brightness, power: 6 W
- **the head part can be adjusted to the right and left in a variety of ways**
- extendable phone holder
- touch buttons
- warm white and cold white SMD LEDs
- **adjustable brightness**, 5 levels
- **adjustable color temperature** (warm white, cold white, natural)
- thermometer, clock (12/24), calendar, alarm
- LCD display with backlight that can be turned off
- **built-in wireless charger (Qi max. 10 W)**
- wired USB charging socket (5 V $\overline{\text{---}}$ / max. 2.1A)
- network adapter included
- clock power supply: 1 x 3 V (CR 2032) battery, included
- **dimensions: 11,5 x 33,5 x 28,5 cm**

The LED light source in the lamp cannot be replaced.



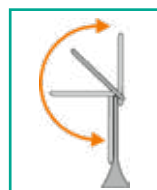
VIDEO



LA 3

LED TABLE LAMP

- **2 W / 200 lm**
- touch buttons
- **20 of cold white SMD LEDs**
- **adjustable brightness (3 stages)**
- power supply:
- USB mains adapter, included:
- PRI: 230 V $\sim$ / 50 Hz
- SEC: 5 V $\overline{\text{---}}$ / 1000 mA
- alkaline batteries: 3 x 1,5 V (AA), not included
- **dimensions: 8 x 25,5 x 18,5 cm**



VIDEO



LA 4

TABLE LAMP WITH NIGHT LIGHT

- **the head part can be adjusted to the right and left in a variety of ways**
- touch buttons
- warm white and cold white SMD LEDs
- **adjustable brightness**
- **adjustable color temperature, 5 levels**
- **separately switchable night light**
- selectable switch-off time, 45 minutes
- wired USB charging socket (5 V $\overline{\text{---}}$ / max. 1.0 A)
- USB A - USB C power cable included
- recommended network USB adapter: 5 V $\overline{\text{---}}$ / min. 2.1 A (e.g. SA 24USB)
- **dimensions: 11.5 x 41.2 x 37 cm**

The LED light source in the lamp cannot be replaced



VIDEO



PNL 5

ROTATING LED LIGHT WITH MOTION DETECTOR

- powerful, 2 W COB LED
- magnetic base
- **PIR motion detector**
- **detection angle: ~110°**
- **detection distance: ~4 m**
- modes: ON, OFF, AUTO
- in the dark, in AUTO mode it turns on when detecting motion for ~ 25 sec
- can be used as desk, wall-mount lamp or flashlight
- accessory screws and double sided adhesive
- in the luminaire the LED light source is not replaceable
- power supply: 3 x AAA (1,5 V) batteries, not included
- **dimensions: Ø7,5 x 7,8 cm**



PNL 22

LED STAIR LIGHT WITH MOTION SENSOR

- **2 W warm white COB LED spotlight**
- switching to amber night light
- **PIR motion sensor (4 m, 120°, +30 sec)**
- magnetic mounting
- power supply: 3 x 1,5 V (AAA) batteries, not included
- **dimensions: 5 x 9 x 3,2 cm (2 pcs / package)**



PNL 6

MOTION SENSOR LAMP

- automatically switches on when it detects motion
- **economical:** not lit in bright environments
- **eye-friendly, gives a pleasant warm white light**
- **no glare**, provides a soft light
- **with PIR motion sensor and light sensor**
- mountable: with magnets, glue, screws, hanging
- accessories: built-in magnet, self-adhesive metal sheet, double-sided adhesive, hanging tape
- power supply: 3 x 1,5 V (AAA) batteries, not included
- **dimensions: Ø8 x 2,4 cm**



PNL 7

MOTION SENSOR LAMP

- automatically switches on when it detects motion
- **economical:** does not switch on in bright environments
- **with PIR motion sensor and light sensor**
- automatic or continuous lighting modes
- **cool white; illuminates details well**
- **practical as a handheld lantern** at home
- ideal in furniture, garage, pathways
- power supply: 4 x 1,5 V (AAA) batteries, not included
- **dimensions: 23,6 x 3 x 1,4 cm**



PLZ 1/WH

LED CORD LAMP

- for indoor use
- **turn on/off by pulling the cord**
- 1 pc Ø8 mm cold white LED
- length of cord: 100 cm
- dimensions of the lamp: Ø5,5 x 15,5 cm
- power supply: 3 x 1,5 V (AAA) batteries, not included





SLL 500

LED SPOTLIGHT, WITH LIGHT DETECTOR

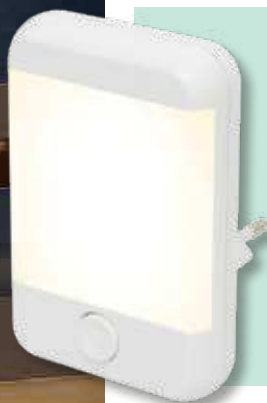
- 230 V~ / 50 Hz / 0,7 W
- 5 long-life LEDs
- automatic power on/off
- **automatic brightness adjustment**
- **for indoor use**
- very low consumption
- **dimensions: 4,5 x 11,5 x 4 cm**



LNL 800

LED TURN SIGNAL LIGHT, SWITCHABLE

- **4 pcs warm white and 4 pcs cold white** long-life LEDs
- selectable cold white, natural and warm white color temperature: 6400k, 4200k, 2700k
- with on/off switch
- for indoor use
- power supply: 230 V~ / 50 Hz, 8 LED / max. 1 W
- **dimensions: 8,8 x 5,6 x 2 (6) cm**



SNL 300/T

BULB

- **2 pcs/pack**
- 230 V~ / 7 W
- **E14 socket**
- suitable for SNL 300, SNL 310, SNL 320 spotlights
- **dimensions: Ø2,5 x 5,5 cm**



GL 05

LED FLASHLIGHT

- 1 x 3 W cold white (4200 K) COB LED
- **can be turned on and off** by pushing the button on the lamp shade
- massive plastic housing, **with self-adhesive surface**
- power supply: 3 x 1,5 V (AAA) batteries, not included
- **dimensions: Ø10 x 3 cm**



GL 03

LED FURNITURE LIGHTING

- 3 cold white LEDs
- **can be turned on and off** by pushing the lamp shade
- massive plastic housing, **with self-adhesive surface**
- power supply: 3 x 1,5 V (AAA) batteries, not included
- **dimensions: Ø7 x 2,5 cm**



NEB-FLT-1018-G

NEBO MASTER SERIES FL750

- **solid and reliable 750 lumen flashlight**
- rechargeable, battery type: 16340
- magnetic mode dial
- intelligent performance control
- optimized performance curve
- **adjustable 2x zoom**
- pocket clip
- **waterproof (IP67)**
- impact resistant (2 meters)
- anodized aircraft-grade aluminum
- ergonomic rubberized grip
- powerful magnetic base
- LED power/charge indicator
- operating modes:
 - turbo (750 lumens) - 30 seconds / 121 meters;**
 - high (375 lumens) - 1 hour / 90 meters;
 - medium (180 lumens) - 2 hours / 63 meters;
 - low (45 lumens) - 6 hours / 28 meters;
 - stroboscope (375 lumens) - 1 hour / 90 meters
- dimensions: 13,5 x Ø3,5 cm



NEB-FLT-1015-G

NEBO DAVINCI 18000

- **18000 lm**
- flashlight
- anodized, aviation-grade aluminum
- **waterproof (IP67) and shockproof**
- 2x zoom
- Smart Power Control (SPC)
- Smart Temperature Control (STC)
- turbo (18000 lm): 30 second intervals / 253 meters
- high brightness (10,000 lm): 2 hours / 189 meters
- medium brightness (5000 lm): 3 hours / 133 meters
- low brightness (800 lm): 12 hours / 53 meters
- **flashing mode (18000 lm): 2 hours / 253 meters**
- 5000 mAh, 7.4 V battery
- size: 35 x Ø6,5 cm



NEB-FLT-1070-G

NEBO DAVINCI 12000

- **max. 12000 lumens**
- flashlight
- USB-C rechargeable
- 2x adjustable zoom
- Smart Power Control (SPC)
- intelligent temperature control (STC)
- ergonomic rubber grip
- battery charge display
- anodized aircraft-grade aluminum
- **waterproof (IP67) and shockproof**
- **USB-C-USB charging cable, wrist strap included**
- operating mode:
 - turbo (12,000 lumens): 30 second intervals / 220 meters;
 - high (7000 lumens): 2 hours / 164 meters;
 - medium (3000 lumens): 3 hours / 114 meters;
 - low (300 lumens): 12 hours / 36 meters;
 - flashing (12,000 lumens): 2 hours / 220 meters



NEB-FLT-1016-G

NEBO DAVINCI™ 8000

- **8000 lumen battery flashlight**
- flashlight
- anodized aircraft-grade aluminum
- **water and dust resistant (IP67)**
- magnetic mode selector dial
- 4x zoom
- power bank function
- battery: 2x26650 Li-ion, 5000 mAh, 7.4V
- Smart Power Control™ (SPC)
- Smart Temperature Control™ (STC)
- Direct-to-Low™
- operating mode:
 - turbo (8,000 lumens): 30 sec / 206 m;
 - high (4,000 lumens): 3.5 hours / 157 meters;
 - medium (2,000 lumens): 6 hours / 119 meters;
 - low (80 lumens): 45 hours / 25 meters;
 - stroboscope (8,000 lumens): 3.5 hours / 206 meters
- USB-A - USB-C charging cable, detachable wrist strap included
- size: 27.31 x 5.72 x 5.72 cm



NEB-FLT-0021-G

NEBO DAVINCI™ 3500

- **3500 lm**
- anodised aerospace grade aluminium
- **waterproof and dust resistant (IP67)**
- **mode selector dial**
- 3x zoom
- **high brightness (3500 lm): 2 hours / 131 meters**
- medium brightness (700 lm): 5 hours / 65 meters
- low brightness (70 lm): 20 hours / 32 meters
- flashing mode (3500 lm): 2 hours / 131 meters
- **power bank**
- **4500 Ah battery**
- dimensions (folded): 20,6 x Ø4,8 cm



NEB-FLT-0020-G

NEBO DAVINCI™ 2000

- **2000 lm**
- anodised aerospace grade aluminium
- **waterproof and dust resistant (IP67)**
- **mode selector dial**
- 4x zoom
- **high brightness (2000 lm): 2 hours / 259 meters**
- medium brightness (800 lm): 5 hours / 170 meters
- low brightness (200 lm): 20 hours / 97 meters
- flashing mode (2000 lm): 2 hours / 259 meters
- **power bank**
- **2000 mAh battery**
- dimensions (folded): 18,4 x Ø3,5 cm



NEB-FLT-0018-G

NEBO DAVINCI™ 1000

- **1000 lm**
- anodised aerospace grade aluminium
- **waterproof and dust resistant (IP67)**
- **mode selector dial**
- 6x zoom
- **high brightness (1000 lm): 2 hours / 299 meters**
- medium brightness (400 lm): 5 hours / 198 meters
- low brightness (100 lm): 20 hours / 94 meters
- flashing mode (1000 lm): 2 hours / 299 meters
- 2000 mAh battery
- dimensions (folded): 15,9 x Ø3,5 cm



NEB-FLT-1063-G

DAVINCI 800L

- **battery-powered 800 lumen flashlight**
- anodized aerospace grade aluminum
- **water and dust resistant (IP67)**
- magnetic mode selector dial
- **3x zoom**
- **power bank function (USB-A)**
- **battery: 18650 Li-ion, 5000 mAh, 3.7 V**
- Smart Power Control™ (SPC)
- Direct-to-Low™
- mode:
 - high (800 lumen): 2 hours / 128 meters
 - medium (400 lumen): 5 hours / 92 meters
 - low (100 lumen): 20 hours / 49 meters
 - strobe (800 lumen): 2 hours / 128 meters
- accessories: USB-A - USB-C charging cable, detachable wrist strap
- dimensions: 5.72 x 5.72 x 27.31 cm



NEB-FLT-1046-G

NEBO DAVINCI™ 450L FLEX

- **flashlight**
- **6x adjustable zoom**
- anodized aerospace grade aluminum
- **water and shockproof (IPX4)**
- two-way adjustable steel belt clip
- Flex-Power™ technology
- battery charge indicator
- strong magnetic base
- operating mode (battery):
 - high (250 lumens) - 2.5 hours / 160 meters
 - low (80 lumens) - 5.5 hours / 89 meters
 - strobe (250 lumens) - 2 hours / 160 meters
 - turbo (450 lumens) - 40 seconds / 237 meters
- operating mode (battery):
 - high (90 lumens) - 2.5 hours / 102 meters
 - low (30 lumens) - 4.5 hours / 57 meters
 - strobe (90 lumens) - 4 hours / 102 meters
- power supply: Li-ion 14500, 600 mAh, 3.7 V
- size: 3 x 3 x 10.85 cm



NEB-6700-G

NEBO 450 FLEX

- **450 lm**
- anodized aerospace grade aluminium
- waterproof and impact resistant
- 6x zoom
- belt clip
- Flex-Power™ technology, can be operated with 1xAA battery instead of a chargeable battery
- strong magnetic base
- **600 mAh rechargeable battery, included:**
- **turbo (450 lm): 40 seconds / 237 meters**
- **high power mode (250 lm): 2,5 hours / 160 meters**
- low power mode (80 lm): 5,5 hours / 89 meters
- flashing mode (250 lm): 2 hours / 160 meters
- **AA battery:**
- **high power mode (90 lm): 2,5 hours / 102 meters**
- low power mode (30 lm): 4,5 hours / 57 meters
- flashing mode (90 lm): 4 hours / 102 meters
- dimensions (folded): 10,7 x Ø2,9 cm

VIDEO



NEB-FLT-0016-G

NEBO NEWTON 1000

- **1000 lm**
- anodised aerospace grade aluminium
- **waterproof and dust resistant (IP67)**
- 3x zoom
- **high brightness (1000 lm): 2 hours / 145 meters**
- medium brightness (600 lm): 5 hours / 102 meters
- low brightness (60 lm): 20 hours / 42 meters
- flashing mode (1000 lm): 2 hours / 45 meters
- **4 x 1,5 V (AAA) batteries, included**
- dimensions (folded): 18 x Ø4,6 cm



NEB-FLT-0014-G

NEBO NEWTON 500

- **500 lm**
- **waterproof and dust resistant (IP67)**
- **mode selector dial**
- 4x zoom
- **high brightness (500 lm): 2 hours / 46 meters**
- medium brightness (300 lm): 5 hours / 37 meters
- low brightness (30 lm): 20 hours / 14 meters
- flashing mode (500 lm): 2 hours / 46 meters
- **3 x 1,5 V (AAA) batteries, included**
- dimensions (collapsed): 13,3 x Ø3,4 cm



NEB-1003-G

NEBO SLYDE KING 2K

- **2000 lumen battery flashlight and 500 lumen assembly light**
- rechargeable, USB-C
- 4x adjustable zoom
- adjustable brightness
- Direct-to-Red
- low battery level display
- rubberized grip
- **anodized aviation industry quality aluminum**
- **waterproof (IP67) and shockproof**
- strong magnetic base
- flashlight high brightness (2000 lumens): 2 hours / 409 meters
- flashlight low brightness (200 lumens): 12 hours / 125 meters
- installation lamp high brightness (500 lumens): 4 hours / 34 meters
- installation light low brightness (50 lumens): 24 hours / 10 meters
- high brightness red light (40 lumens): 6 hours / 9 meters
- low brightness red light (4 lumens): 60 hours / 3 meters
- flashing red light (40 lumens): 6 hours / 9 meters
- dimensions (folded): 17.3 x Ø4.3 cm



NEB-0031-G

SLYDE KING 4K

- **4000 lumen battery flashlight and 1000 lumen work light**
- battery type: Li-ion, 3.7V, 2600mAh
- **4x adjustable zoom**
- **adjustable brightness**
- Power Memory
- Direct-to-Red
- low battery level indicator
- rubberized grip
- anodized aerospace grade aluminum
- waterproof (IPX7) and shockproof
- strong magnetic base
- flashlight high brightness (4000 lumen): 1 hour / 350 meters
- flashlight low brightness (400 lumen): 6 hours / 100 meters
- work light high brightness (1000 lumen): 4 hours / 35 meters
- work light low brightness (100 lumen): 24 hours / 10 meters
- high brightness red light (40 lumen): 6 hours / 9 meters
- low brightness red light (4 lumens): 35 hours / 3 meters
- flashing red light (40 lumens): 12 hours / 9 meters
- dimensions (folded): 21 x Ø4.7 cm



NEB-6746-G

TAC SLYDE

- **battery-powered 300 lumen flashlight and lantern in one**
- convex lens
- **12x adjustable zoom**
- anodized aerospace grade aluminum body
- **shockproof and waterproof (IPX4)**
- strong magnetic base
- 5 flashlight modes:
 - high brightness (300 lumens) - 2.5 hours / 135 meters
 - medium brightness (150 lumens) - 6 hours / 84 meters
 - low brightness (30 lumens) - 22 hours / 40 meters
 - strobe mode (300 lumens) - 6 hours / 135 meters
 - S.O.S. (300 lumens) - 48 hours / 135 meters
- 3 light modes:
 - high brightness (200 lumens) - 3 hours / 19 meters
 - low brightness (100 lumens) - 6 hours / 13 meters
 - flashing red light (20 lumens) - 8 hours / 6 meters
- power supply: 3 AAA batteries (included)
- size (folded): 15.1 x Ø3.5 cm

NEB-WLT-1007-G

NEBO SLIM 1200

- **rechargeable 1200 lumen flashlight**
- USB-C charging socket
- anodized aircraft-grade aluminum
- **water and impact resistant (IPX7)**
- power bank
- battery: 1x 803450 Li-Pol, 1500 mAh, 3.7 V
- magnetic belt clip and base
- adjustable brightness, with memory
- Direct-to-Red
- Smart Power Control
- operating mode:
 - turbo (1200 lumens): 30 sec / 52 meters,
 - high (700 lumens): 1.759 hours / 41 meters,
 - medium (350 lumens): 3 hours / 29 meters,
 - low (30 lumens): 12 hours / 8 meters,
 - strobe (700 lumens): 2 hours / 41 meters,
 - red stroboscope (8 lumens): 6 hours / 4 meters
- accessories: USB-C cable
- size: 13 x 3.5 x 25.5 cm

VIDEO



NEB-FLT-1042-G

SLIM MINI

- **battery-powered 250 lumen flashlight**
- anodized aerospace grade aluminum
- **water and shockproof (IPX4)**
- battery: 1x Li-ion 602040, 3.7V, 450mAh
- durable belt clip
- magnetic base
- accessories: USB-C USB-A cable
- high brightness (250 lumens): 2 hours / 67 meters
- low brightness (25 lumens): 10 hours / 21 meters
- dimensions: 10.3 x 2.5 x 1.5 cm



NEB-POC-0006-G

NEBO COLUMBO 100

- **100 lm**
- anodised aerospace grade aluminium
- **waterproof (IP67) and impact resistant**
- **4x zoom**
- steel pocket clip
- **high power mode (100 lm): 1.5 hours / 56 meters**
- low power mode (35 lm): 4,5 hours / 33 meters
- flashing mode (100 lm): 1,5 hours / 56 meters
- **1 x 1,5 V (AAA) batteries, included**
- dimensions: : 17,8 x Ø2 cm



NEB-POC-0007-G

NEBO COLUMBO 150

- **150 lm**
- anodised aerospace grade aluminium
- **waterproof (IP67) and impact resistant**
- **4x zoom**
- steel pocket clip
- **high power mode (150 lm): 2 hours / 84 meters**
- low power mode (45 lm): 6 hours / 48 meters
- flashing mode (150 lm): 50 min. / 84 meters
- **2 x 1,5 V (AAA) batteries, included**
- dimensions: 15,04 x 2,03 x 1,81 cm



NEB-POC-1003-G

NEBO COLUMBO KEYCHAIN

- key ring
- anodized aerospace grade aluminium;
- **water and shock resistant (IPX7)**
- power supply: 1xAAA battery (accessory)
- brightness **100 lumens**, 1 hour / 56 meters
- size: 8.61 x 1.8 x 1.8 cm



NEB-POC-1000-G

NEBO INSPECTOR 500+

- **500 lm**
- anodised aerospace grade aluminium
- **waterproof (IPX7) and impact resistant**
- **Flex-Power™ technology, can be operated with 2 x AAA batteries instead of a chargeable battery**
- Smart Power Control (SPC)
- display of low battery level
- removable support, adjustable tilt angle
- strong magnetic end
- **750 mAh rechargeable battery (accessory):**
- **directed light mode: turbo (500 lm): 30 second intervals / 142 meters;**
- **high brightness (250 lm): 3.5 hours / 98 meters;**
- medium brightness (25 lm): 8 hours / 31 meters;
- flashing mode (250 lm): 2.5 hours / 98 meters;
- **diffused light mode:**
- turbo (400 lm): 30 second intervals / 16 meters;
- **high brightness (200 lm): 3.5 hours / 11 meters;**
- low brightness (20 lm): 8 hours / 6 meters;
- flashing mode (200 lm): 2.5 hours / 11 meters
- **2 x AAA batteries (not included): directed light mode:**
- turbo (140 lm): 30 second intervals / 142 meters;
- **high brightness (70 lm): 1 hour / 98 meters;**
- medium brightness (7 lm): 12 hours / 31 meters;
- flashing mode (70 lm): 1 hour / 98 meters
- dimensions (collapsed): 16 x Ø1.7 cm



NE1041

NEBO BIG LARRY 3

- **600 lumen battery-powered assembly light**
- anodized aerospace grade aluminum;
- **water and shock resistant (IPX4)**
- adjustable brightness, with memory
- Direct-to-Red function
- steel belt clip
- strong magnetic base
- power supply: 3xAA batteries (accessory)
- operating mode:
 - flashlight (220 lumens): 8 hours / 82 meters
 - installation light (**600 lumens**): 2.5 hours / 33 meters
 - red light (40 lumens): 20 hours / 7 meters
 - red strobe: 40 hours / 7 meters
- size: 19,5 x 2,5 x 2,5 cm



NEB-6737-G

NEBO BIG LARRY 2

- **500 lm**
- **anodized aerospace grade aluminium**
- waterproof and impact resistant
- **adjustable brightness**
- steel belt clip
- **strong magnetic base**
- **flashlight function (200 lm): 8 hours / 75 meters**
- **workshop light (500 lm): 2,5 hours / 31 meters**
- red light (40 lm): 20 hours / 7 meters
- flashing red light: 40 hours / 7 meters
- **power supply: 3 x AA batteries, included**
- dimensions: 19,7 x 2,5 x 3,2 cm



VIDEO



NEB-FLT-1033-G

NEBO BIG LARRY PRO +

- **rechargeable 600 lumen flashlight and assembly light**
- USB-C rechargeable
- adjustable brightness, with memory
- Direct-to-Red function
- anodized aviation-grade aluminum
- **water and shock resistant (IPX7)**
- steel belt clip
- strong magnetic base
- operating mode:
 - flashlight (220 lumens): 11 hours / 82 meters
 - installation light (600 lumens): 4.5 hours / 33 meters
 - red light (40 lumens): 8 hours / 7 meters



NEB-FLT-0033-G

TORCHY 2K HD

- **2000 Lumen battery-powered compact flashlight**
- anodized aerospace grade aluminum;
- **water and shock resistant**
- Smart Power Control
- Direct-to-Low
- **detachable belt clip**
- high brightness (500 lumens) - 1.5 hours / 100 meters
- medium brightness (200 lumens) - 2 hours / 60 meters
- low brightness (50 lumens) - 9 hours / 30 meters
- flashing mode (500 lumens) - 1.5 hours / 100 meters
- turbo (2000 lumens) - 30 seconds / 184 meters



NEB-HLP-1006-G

NEBO MASTER SERIES HL1000

- **solid and reliable 1000 lumen headlamp**
- USB-C rechargeable, battery type: 18650
- magnetic mode dial
- strong magnetic base
- removable holder
- **waterproof (IP67)**
- impact resistant (2 meters)
- anodized aircraft quality aluminum
- LED power/charge indicator
- operating modes:
 - turbo (1000 lumens) - 30 seconds / 138 meters;**
 - high (500 lumens) - 2 hours / 102 meters;
 - medium (200 lumens) - 5 hours / 63 meters;
 - low (30 lumens) - 40 hours / 26 meters;
 - stroboscope (500 lumens) - 2 hours / 102 meters
- dimensions of the head lamp: 9,9 x 3,6 x 2,8 cm



NEB-HLP-1001-G

NEBO TRANSCEND 1500

- anodized, aerospace grade aluminum
- **waterproof (IPX7) and impact resistant**
- **3200 mAh battery**
- Smart Power Control (SPC)
- display of low battery level
- **removable support, adjustable tilt angle**
- **strong magnetic base**
- **turbo (1500 lm): 30 seconds intervals / 129 meters**
- **high brightness (750 lm): 4 hours / 91 meters**
- medium brightness (300 lm): 5.5 hours / 58 meters
- low brightness (30 lm): 28 hours / 18 meters
- flashing mode (750 lm): 4 hours / 91 meters
- dimensions (without headband): 3.4 x 9.47 x 4.22 cm

VIDEO



NEB-HLP-0008-G

NEBO EINSTEIN™ 1500 FLEX

- **1500 lm**
- compact and light
- robust ABS and aluminium design
- **waterproof (IPX4)**
- turbo mode
- Flex-Power™ technology, can be operated with 2 x CR123A batteries instead of a chargeable battery
- **turbo (1500 lm): 30 second intervals / 64 meters**
- **high power mode (750 lm): 2 hours / 35 meters**
- medium power mode (250 lm): 6 hours / 25 meters
- low power mode (10 lm): 18 hours / 8 meters
- red light (5 lm): 12 hours / 1 meter
- **2200 mAh battery**
- dimensions (without headband): 12,7 x 5,08 x 7,62 cm

VIDEO



NEB-HLP-0007-G

NEBO EINSTEIN 1000 FLEX

- **1000 lm**
- compact and light
- robust ABS and aluminium design
- **waterproof (IPX4)**
- turbo mode
- **Flex-Power™ technology, can be operated with 2 x CR123A batteries instead of a chargeable battery**
- **turbo (1000 lm): 10 second intervals / 120 meters**
- **high power mode (350 lm): 3 hours / 55 meters**
- medium power mode (150 lm): 6 hours / 50 meters
- low power mode (10 lm): 18 hours / 14 meters
- red light (5 lm): 12 hours / 1 meter
- **2200 mAh battery**
- dimensions (without headband): 12,7 x 5,08 x 7,62 cm



NEB-HLP-0005-G

NEBO EINSTEIN 400

- 400 lm
- **robust ABS and aluminium design**
- **waterproof (IPX4)**
- compact and light
- turbo mode
- headlight:
 - turbo (400 lm): 35 second intervals / 133 meters**
 - high power mode (250 lm): 45 minutes / 104 meters
 - low power mode (50 lm): 1 hour 40 minutes / 52 meters
- COB white light (100 lm): 1,5 hours / 14 meters
- COB red light (15 lm): 8 hours / 5 meters
- 300 mAh battery
- dimensions (without headband): 5,72 x 3,18 x 3,18 cm

VIDEO



NEB-HLP-1008-G

NEBO EINSTEIN 600+

- **600 lumen headlamp**
- anodized aviation-grade aluminum
- adjustable, removable headband
- steel belt clip
- **water and shock resistant (IPX6)**
- strong magnetic base
- battery: Li-Ion, 700 mAh, 16340, 3.7 V
- operating mode:
 - turbo (600 lumens): 40 seconds / 90 meters;
 - high (240 lumens): 1 hour 50 minutes / 56 meters;
 - low (60 lumens): 4 hours / 28 meters;
 - stroboscope (600 lumens): 2 hours / 90 meters



NEB-HLP-1005-G

NEBO MYCRO 500

- USB-C rechargeable
- SPC (Smart Power Control)
- **water and shock resistant (IPX4)**
- battery charge indicator
- detachable cap lamp clip with adjustable tilt angle
- Direct-to-Red
- adjustable headband
- battery: Li-Po, 200 mAh, 3.7 V
- operating modes:
 - spotlight:
 - turbo (500 lumens): 30 second intervals / 90 meters;
 - high (200 lumens): 1 hour / 60 meters;
 - medium (100 lumens): 2 hours / 42 meters;
 - low (30 lumens): 3 hours / 23 meters;
 - spotlight:
 - COB high (200 lumens): 25 minutes / 24 meters;
 - COB low (50 lumens): 1 hour / 11 meters;
 - COB red (25 lumens): 35 minutes / 8 meters
- size: 2.54 x 3.05 x 7.24 cm
- weight: 85 g



NEB-HLP-0011-G

NEBO MYCRO HEADLAMP

- 500 lm
- anodised aerospace grade aluminium
- **waterproof (IP67) and impact resistant**
- low battery indicator
- **turbo (400lm): 30 second intervals / 60 meters**
- **high power mode (150 lm): 1 hour / 50 meters**
- red light (10 lm): 10 hours / 14 meters
- **500mAh battery**
- dimensions (without headband): 2,54 x 3,05 x 7,24 cm

VIDEO



NEB-HLP-0021-G

CURVBEAM 600 FLEX

- **powerful 150 lumen headlamp**
- COB LED
- **compact and lightweight**
- material: ABS plastic
- **dust and waterproof (IP44)**
- comfortable, adjustable headband
- front on/off and mode selector button
- 3 x AAA batteries, included
- modes:
 - high brightness (150 lm): 12 hours / 19 meters
 - low brightness (40 lm): 24 hours / 10 meters
 - strobe (150 lm): 24 hours / 19 meters
- size (without headband): 5.8 x 2.3 x 3.8 cm



NEB-HLP-1011-G

EINSTEIN 250

- **powerful 250 lumen headlamp**
- compact and lightweight
- **adjustable brightness**
- power memory function
- direct to red function
- 180° tilt
- durable ABS and aluminum construction
- **dust and water resistant (IP44)**
- modes:
 - high beam (250 lumens): 3.5 hours / 106 meters
 - low beam (30 lumens): 24 hours / 42 meters
 - C.O.B white light (80 lumens): 9 hours / 13 meters
 - C.O.B low beam (7 lumens): 34 hours / 2 meters
 - high beam (3 lumens): 10.5 hours / 1 meter
 - low beam (1 lumen): 40 hours / 0.25 meter
 - red beam strobe 42 hours
- 3 x AAA batteries included
- dimensions (without headband): 10.2 x 3.9 x 3.9cm



NEB-HLP-7000-G

NEBO 150 HEADLAMP

- **powerful 150 lumen headlamp**
- COB LED
- **compact and lightweight**
- material: ABS plastic
- **dust and waterproof (IP44)**
- comfortable, adjustable headband
- front on/off and mode selector button
- modes:
 - high brightness (150 lm): 12 hours / 19 meters
 - low brightness (40 lm): 24 hours / 10 meters
 - strobe (150 lm): 24 hours / 19 meters
- 3 x AAA batteries, included
- dimensions (without headband): 5.8 x 2.3 x 3.8 cm



NEB-SPT-1000-G

NEBO LUXTREME SL75

- anodized, aerospace grade aluminum
- **waterproof and dustproof (IP67), shockproof**
- mode selector dial
- **can be mounted on a standard 1/4" tripod**
- belt clip
- **strong magnetic base**
- **9000 mAh battery**
- **high brightness (780 lm): 5 hours / 1200 meters**
- medium brightness (400 lm): 10.5 hours / 793 meters
- low brightness (100 lm): 30 hours / 374 meters
- dimensions: 20,5 x 12 x 7,3 cm



NEB-FLT-1061-G

NEBO TORCHY UV

- **UV lamp**
- Dual UV-A technology (2x 395nm + 1x365nm LED)
- 2 lighting modes (high - low)
- push button control
- aluminum design
- waterproof (IPX4)
- power supply: 3x AAA batteries
- **size: 9.5 x 2.8 x 2.8 cm**
- weight: 110 g

VIDEO



NE6665

NEBO TANGO

- **2 high-performance light sources: 250 lumen spotlight, and 750 lumen COB mounting light**
- rechargeable
- Power bank function (USB)
- non-slip rubber coating
- **water and impact resistant**
- adjustable brightness
- brightness memory
- 180° rotatable base
- accessories: microUSB - USB cable, AC adapter
- operating modes:
 - installation light (750 lumens): 2 hours / 45 meters
 - spotlight (250 lumens): 5 hours / 135 meters
 - turbo (1000 lumens): 2 minutes
- size: 14.9x14.9x4.44 cm
- weight: 317.5 g



NE0015

NEBO OMNI 2000

- **2000 lm**
- non-slip rubber coating
- rotating magnetic handles
- **rotating COB panels- waterproof and impact resistant**
- power bank
- **both COBs (2000 lm): 1,3 hours / 70 meters**
- both COBs (250 lm): 5,5 hours / 22 meters
- **one COB (1100 lm): 2 hours / 50 meters**
- one COB (150 lm): 9 hours / 18 meters
- **red COB (20 lm): 11 hours / 8 meters**
- red COB Flash (20 lm): 20 hours / 8 meters
- **4000 mAh battery**
- dimensions (folded): 12 x 15,8 x 4,8 cm

VIDEO



NEB-WLT-1008-G

NEBO OMNI 3K

- **3000 lumen adjustable USB-C rechargeable installation light in all directions**
- USB-C rechargeable
- power bank
- battery: 1x21700 Li-ion, 4000 mAh, 7.4 V
- rotating magnetic handle
- rotating COB panels
- water and shock resistant (IPX4)
- anti-slip rubber coating
- battery charge indication
- rear On/Off button and brightness adjuster buttons
- mode:
 - both COBs (3000 lumens): 1 hour / 70 meters,
 - both COB (300 lumens): 4 hours / 22 meters,
 - one COB (1500 lumens): 2 hours / 50 meters,
 - one COB (150 lumens): 8 hours / 18 meters,
 - red COB (7 lumens): 11 hours / 8 meters,
 - red COB stroboscope (20 lumens): 20 hours / 8 meters
- accessory: USB-C charging cable
- size (folded): 12.7 x 4.98 x 13.66 cm



NEB-LTN-6555-G

NEBO POPPY

- **reflector and lantern**
- **dimable**
- **rubberized design**; water and shock resistant
- adjustable handle
- lantern (**300 lumens**): 7.5 hours / 15 meters
- reflector (120 lumens): 18 hours / 120 meters
- power supply: 3xAA batteries (accessory)
- size (folded): 14 x Ø8.7 cm



NE6526

NEBO ARMOR 3

- non-slip rubber coating
- **waterproof (IPX7) and shockproof**
- adjustable brightness
- Direct-to-Red function
- steel tweezers
- powerful, tiltable magnetic base
- power supply: 3 AAA batteries (accessory)
- 3 operating modes:
 - COB installation light (**360 lumens**) - 2.5 hours / 44 meters
 - spotlight (160 lumens) - 5 hours / 83 meters
 - red COB installation light (40 lumens) - 1.5 hours / 16 meters
- size: 14.6 x 6.2 x 3.2 cm
- weight: 195 grams



NEB-LTN-1011-G

NEBO GALILEO™ TEMPEST 350

- **350 lumen lantern/lamp**
- 8 lighting modes
- red light mode
- 360° and 120° lighting mode as a lantern
- light beam with a range of 112 m as a lamp
- **waterproof IPX7**
- multifunctional, detachable carrying handle
- magnetic base
- power supply: 3 x AA batteries, included



NEB-LTN-0004-G

NEBO GALILEO™ 1000 FLEX

- **1000 lm** - compact and light - robust ABS plastic
- dust resistant - **waterproof (IPX4)**
- Flex-Power™ technology, can be operated with 6 x D batteries instead of a chargeable battery
- Direct-to-Red
- **high power mode 360° at 100% (1000 lm): 1,5 hours / 21 meters**
- medium power mode 120° (300 lm): 6 hours / 17 meters
- low power mode 360° fully dimmed (100 lm): 10.54 hours / 7 meters
- red in high power mode (15 lm): 12 hours / 3 meters
- red in low power mode (2 lm): 30 hours / 1 meter
- **2600 mAh battery, included or 6x D batteries, not included**
- dimensions: 26 x 13,5 x 13,5 cm



NEB-LTN-1008-G

NEBO GALILEO™ AIR 500

- **flexible, collapsible luminaire**
- compact and light
- durable ABS plastic
- **dustproof**
- **waterproof (IPX4)**
- directly to red
- **intelligent performance control**
- power supply: 3 X AA batteries, included
- operating mode:
 - high (500 lumens): 3 hours / 14 meters
 - medium (250 lumens): 6 hours / 10 meters
 - low (50 lumens): 15 hours / 4 meters
 - flashing (500 lumens): 3 hours / 10 meters
 - red (20 lumens): 5 hours / 5 meters
 - red flashing (20 lumens): 5 hours / 5 meters



NEB-OTH-0001-G

NEBO HIGH BRIGHT 6000

- **ultra bright 6000 lumen garage light**
- 90 degree adjustable LED panels
- quick and easy installation
- energy efficient: only 60 W
- 600% more light than an average 60 W bulb
- **6000 lumen brightness**
- dimensions (with folded panels): 11.6 x 13 x 12.7 cm

VIDEO



NEB-BAT-0005-G

RECHARGEABLE BATTERY

- **type: Li-ion 18650 rechargeable battery**
- **capacity: 3200 mAh**
- voltage: 3.7 V
- size: 71.9 x 18 x 18 mm

Compatible with the following products:
SLYDE KING 2K (NEB-1003-G)



NEB-BAT-0006-G

RECHARGEABLE BATTERY

- **type: Li-ion 2x21700 rechargeable battery**
- **capacity: 9000 mAh**
- voltage: 3.7 V
- size: 75 x 40 x 21 mm

Compatible with the following products:
LUXTREME SL50 (NEB-SPT-1003-G)
LUXTREME SL75 (NEB-SPT-1000-G)
Master Series SL25 (NEB-SPT-1005-G)



NEB-BAT-0007-G

RECHARGEABLE BATTERY

- **type: Li-ion 3x26650 rechargeable battery**
- **capacity: 5000 mAh**
- voltage: 10.8 V
- size: 202.5 x 25.4 x 25.4 mm

Compatible with the following products:
NEBO DAVINCI 18000 (NEB-FLT-1015-G)



NEB-BAT-0008-G

RECHARGEABLE BATTERY

- **type: Li-ion 18650 rechargeable battery**
- **capacity: 3200 mAh**
- voltage: 3.7 V
- built-in USB-C charging port
- size: 70 x 18 x 18 mm

Compatible with the following products:
EINSTEIN 1000
TORCHY 2K
GALILEO 500 (NEB-LTN-1000)
GALILEO 1000 (NEB-LTN-0004)
LUXTREME SL25R



NEB-BAT-0009-G

RECHARGEABLE BATTERY

- **type: Li-ion 2x26650 rechargeable battery**
- **capacity: 5000 mAh**
- voltage: 7.4 V
- size: 135 x 25.4 x 25.4 mm

Compatible with the following products:
NEBO DAVINCI 12000 Mag Dial (NEB-FLT-1070)



NEB-BAT-0010-G

RECHARGEABLE BATTERY

- **type: Li-ion 21700 rechargeable battery**
- **capacity: 4000 mAh**
- voltage: 3.7 V
- built-in USB-C charging port (5 V / 2 A / 10 W)
- charging LED indicator
- 35 cm USB-A to USB-C charging cable included
- size: 77 x 21.6 x 21.6 mm

Compatible with the following products:
LUXTREME (NEB-FLT-1008)
Master series FL3000 (NEB-FLT-1009)



NEB-PST-0004-G

RAMBLER PS100

- built-in battery: 95.9 Wh
- charge indicator LED
- digital display
- wireless charging (10W)
- output: 2x USB-A (5 V / 2.4 A)
- output and input: 1x USB-C PD (45 W)
- DC input: 12-24 V (max 50 W), solar panel compatible
- LED lamp: 385 lumen
- accessory: 20 W USB-PD charging adapter,
- approx. 60 cm USB-C cable 12V DC power cable



NEB-PBK-0006-G

NEBO ULTIMATE

- battery 15,000 mAh
- battery capacity 55,500 mWh
- USB-C input/output PD/QC3.0 20W
- USB-A output 5 V 2.4 A
- AC output 230VAC 50 HZ 75 W
- Jump Start output 12 VDC / 600 A 3 sec, 1500 A peak
- air compressor 130 psi max
- operating temperature 0 -45°C
- discharge temperature -10 - 40°C
- color LCD display
- Smart Charge technology
- pass-through charging
- built-in spotlight (3 modes, white, red, strobe)
- accessories: start cables, 2-pin charging connector, USB-C 12 volt adapter, USB-C - USB-C charging connectors, carrying bag
- dimensions: 275 x 143 x 57 mm
- weight: 1150 g



NEB-PBK-0004-G

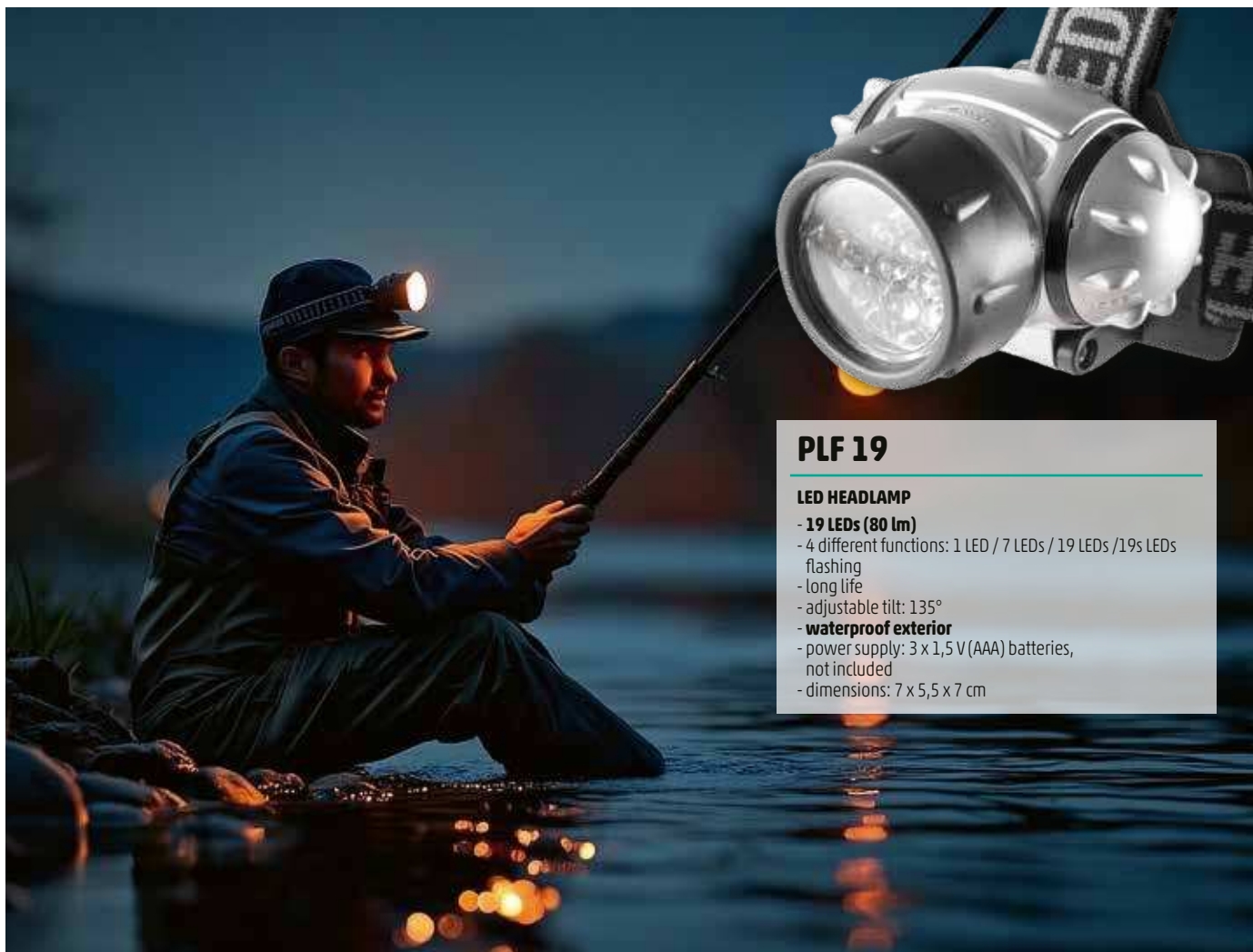
ASSIST AIR JUMP STARTER

- max. current strength: 1500 A
- built-in battery: 55.5 Wh
- charge indicator LED
- digital display
- digital air compressor: 120 PSI, automatic detection
- output: USB-A (5 V/2.1 A)
- output and input: USB-C fast charger (max 20 W)
- LED lamp: 200 lumen
- accessories: starter cable, 12 V car charger (QC3.0/18 W), USB-C to USB-A adapter, approx. 60 cm air hose, replaceable air nozzle set, microfiber storage bag
- size: 251x124x46 mm
- weight: 1.3 kg



VIDEO





PLF 19

LED HEADLAMP

- **19 LEDs (80 lm)**
- 4 different functions: 1 LED / 7 LEDs / 19 LEDs / 19s LEDs flashing
- long life
- adjustable tilt: 135°
- **waterproof exterior**
- power supply: 3 x 1,5 V (AAA) batteries, not included
- dimensions: 7 x 5,5 x 7 cm

HLP4BK

HEADLAMP, BLACK

- **high brightness 3 W COB LED (120 lm)**
- durable plastic lamp body
- comfortable, flexible rubber strap
- **tiltable lamp head**
- adjustable brightness (50%, 100%)
- power supply: 3 x 1,5 V (AAA) batteries, not included



HLP 7RP

LED RECHARGEABLE HEADLIGHT

- PIR motion sensor
- **100 lm**
- **1 powerful white and 2 pcs red LEDs**
- 5 functions: high and low brightness constant or flashing white, constant or flashing red light
- **rechargeable with micro USB cable**
- adjustable tilt angle
- **charging time (0,75 A): 2,5 hours**
- **expected operation time of one charge: 4 hours**
- power supply: 1200 mAh 3,7 V accumulator
- dimensions: 6 x 4,5 x 3,6 cm



HLM 5R

LED RECHARGEABLE METAL HEADLIGHT

- comfortable to wear, easy to use, high brightness
- **powerful LED 1000 lm**
- 3 functions: high and low brightness, flashing light
- adjustable tilt angle
- **focusable**
- **charging time (0,75 A): 4 hours**
- **expected battery life: 9 hours**
- power supply: 2 x 18650 / 1200 mAh 3,7 V accumulator



HLM 4

LED METAL HEADLIGHT

- **powerful LED 800 lm**
- 3 functions: high and low brightness, flashing light
- adjustable tilt angle
- **focusable**
- power supply: 4 x 1,5 V (AA) batteries, not included



PLR 24

LED FLASHLIGHT

- **powerful COB LED (100 lm)**
- durable plastic luminaire
- power supply: 3 x 1,5 V (AAA) batteries, not included
- dimensions: Ø3 x 9,8 cm
- 24 pcs / display

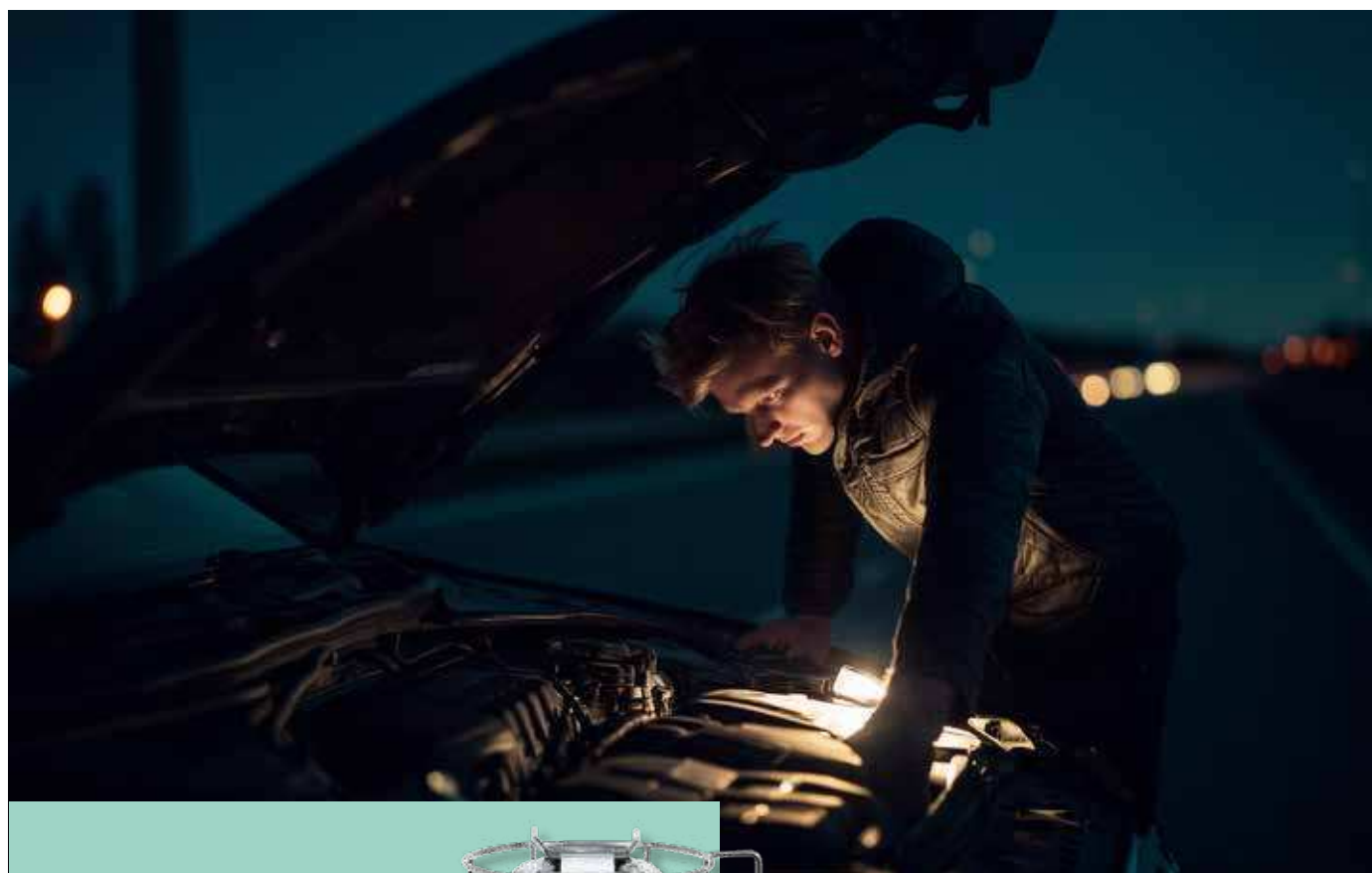
Can only be ordered in display!



BV 10

LED BICYCLE LAMP SET

- **elastic, silicon luminaire**
- **2 bright red or white LEDs**
- short and fast flashing, steady light function
- weather resistant design
- power supply in each lamp: 2 x 3 V (CR 2032) batteries, included
- dimensions: 3 x 3 x 4 cm



PL 20

WORKLAMP

- **for outdoor use, IP54**
- rubberized handle
- massive metal grill and hanging hook
- **thick glass shade**
- double insulation
- 5 m rubber cable
- **porcelain socket**
- light source: max. 60 W / E27, not included
- power supply: 230 V~ / 50 Hz
- dimensions: Ø11 x 28 cm



WL 07

LED WORKLAMP

- **1 x 3 W COB LED + 4 white LEDs**
- **150 lm**
- robust ABS luminaire
- soft-touch surface
- 2 switchable modes: (COB LED, 4 LED)
- **strong magnet on the back of the lamp**
- power supply: 4 x 1,5 V (AAA) batteries, not included
- dimensions: 19,5 x 6 x 3,3 cm
- 12 pcs / display

Can only be ordered in display!





FLL H 50

PORTABLE LED FLOODLIGHT

- outdoor and indoor design
- **50 W, 4000 lm**
- adjustable tilt angle
- foldable carrying frame
- connecting cable length: 1.5 m
- power supply: 220-240 V~, 50/60 Hz
- dimensions: folded: 265 x 245 x 62 mm
unfolded: 265 x 245 x 184 mm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLL H 20

PORTABLE LED FLOODLIGHT

- outdoor and indoor design
- **20 W, 1600 lm**
- adjustable tilt angle
- foldable carrying frame
- connecting cable length: 1.5 m
- power supply: 220-240 V~, 50/60 Hz
- dimensions: folded: 213 x 195 x 56 mm
unfolded: 213 x 195 x 154 mm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.

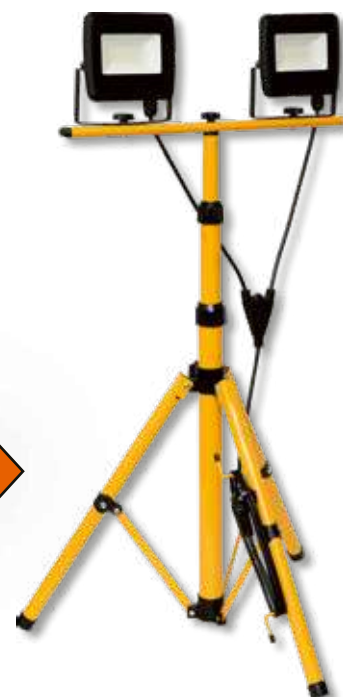


FLL STAND 2/30

STAND LED FLOODLIGHT

- **adjustable height 0.8 - 1.7 m**
- outdoor and indoor design
- **2 x 30 W LEDs (SMD)**
- 2 x 2400 lumen brightness
- connecting cable length: 2.1 m
- power supply: 220-240 V~, 50/60 Hz
- dimensions: 0.7 x 0.8 x 0.8-1.7 m

The LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLL 10

LED FLOODLIGHT

- wall-mounted
- outdoor and indoor design
- **10 W, 800 lm**
- with SMD LEDs
- power supply: 220-240 V~, 50/60 Hz
- dimensions: 110 x 110 x 90 mm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLB 20C

RECHARGEABLE LED FLOODLIGHT

- portable, for outdoor and indoor use
- **can be supported, hung, carried in the hand**
- **20 W COB LED**
- **lighting time: max. 3,5 h (750 lm) / max. 2 h (1600 lm)**
- charging: 5 V $\overline{---}$ / min. 1 A / 5 h
- accessory micro-USB charger cable, 100 cm
- recommended USB charger: NV 2100 USB, not included
- battery: Li-ion / 3,7 V / 5400 mAh
- dimensions: 17 x 12 x 9 cm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLB 10C

RECHARGEABLE LED FLOODLIGHT

- portable, for outdoor and indoor use
- **variously adjustable, magnetically fixed carrying frame and light sources**
- **2 x 5 W COB LED, can be switched independently**
- **lighting time: max. 4 h (500 Lumen) / max. 2 h (1000 lumen)**
- charging: 5 V $\overline{---}$ / min. 1 A / 5 h
- accessory micro-USB charger cable, 100 cm
- recommended USB charger: NV 2100 USB, not included
- battery: Li-ion 3,7 V / 5000 mAh
- dimensions: 14,5 x 26 x 16 cm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



JSL 3300

RECHARGEABLE WORK LIGHT

- **30 W COB LED**
- **brightness: max. 3300 lumens, min. 500 lumens**
- IP65 protection
- widely adjustable lighting surface options
- **magnetic or suspended mounting, portability**
- built-in Li-ion battery 18650 mAh, 7,4 V, 4400 mAh
- **use as a PowerBank**
- operating time: 2,5 to 4,5 hours
- 6 hour charging time, illuminating while charged
- supplied USB A - USB C charging cable

VIDEO



FLB 20

RECHARGEABLE LED FLOODLIGHT

- portable, for outdoor and indoor use
- **20 W COB LED, 1600 lm**
- accumulator: 2 x Li-ion 18650 / 7,4 V / 2200 mAh
- **operating(lightning) time: max. 4 h**
- charging time: 3-4 h
- **power adaptor included:**
PRI: 230 V $\sim$ / 50 Hz; SEC: 8,4 V $\overline{---}$ / 1000 mA
- **cigarette-lighting socket adaptor included:**
PRI: 12-24 V
SEC: 8,4 V $\overline{---}$ / 600 mA
- length of charging cables: 90 cm
- dimensions: 21 x 30 x 18 cm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



NKLL 05

LED MAGNIFYING LAMP, TABLE-TOP MOUNTABLE

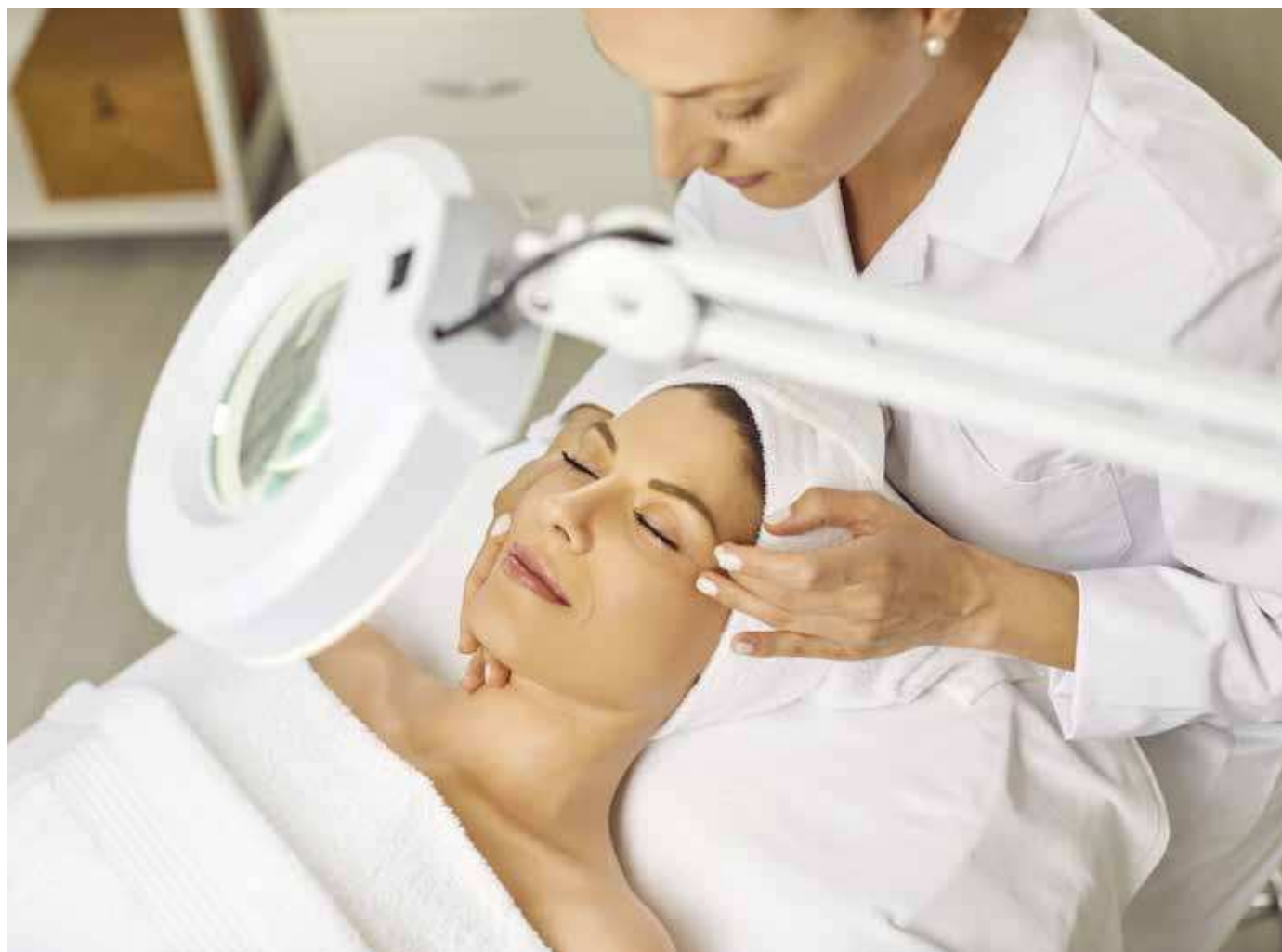
- 56 x SMD 2835 LEDs, cold white (6500 K)
- 685 lumen brightness
- Ø125 mm glass magnifying lens
- magnification: 3 dioptres
- option: 5 dioptres lens (NKL 5D)
- table-top mountable
- switchable on/off
- length of power cable: 1,5 m
- weight: 2,5 kg
- power supply: 230 V~ / 50 Hz / 9 W
- can be used as a stand lamp with our NKLA 2 stand



NKL 01

MAGNIFYING LAMP

- can be mounted onto desktop
- 900 lumen brightness
- Ø125 mm glass magnifying lens
- magnification: 3 dioptres
- circular fluorescent lamp: Ø184 mm / T5 22 W
- folding, scratch protection cover
- 1,6 m power cable
- power supply: 230 V~ / 50 Hz / 22 W
- size: head: 20 x 26,5 cm, shaft: 2 x 40 cm
- option: 5 dioptres lens (NKL 5D), replacement fluorescent lamp (NKLFT5)
- can be used as a stand lamp with our NKLA 2 stand



NKL 022

MAGNIFYING LED TABLE LAMP

- base can be placed onto desktop
- **450 lumen brightness**
- Ø90 mm glass magnifying lens
- **magnification: 3 dioptries**
- secondary lens: 12 dioptries
- circular fluorescent lamp: Ø115 mm / 12 W
- folding, scratch protection cover
- 1,5 m power cable
- power supply: 230 V~ / 50 Hz / 12 W
- dimensions: head: 14 x 18 cm, shaft: 22 cm, base: 21 x 11 x 10 cm
- option: replacement fluorescent lamp (NKL 022F)



NKL 06

MAGNIFYING LED TABLE LAMP

- base can be placed onto desktop
- **30 x SMD 5630 LEDs, cold white (6500 K)**
- **400 lumen brightness**
- Ø90 mm glass magnifying lens
- **magnification: 3 dioptries**
- secondary lens: 12 dioptries
- switch on/off
- length of power cable: 1,45 m
- weight: 0,85 kg
- power supply: 230 V~ / 50 Hz / 6 W



NKL 5D

REPLACEMENT LENS

- Ø125 mm glass magnifying lens
- magnification: 2,25 x (5 dioptries)
- **suitable for most magnifying lamps**
- **recommended for the following products, marketed by SOMOGYI ELEKTRONIC: NKL 01, NKLL 05**



NKL 022F

REPLACEMENT FLUORESCENT LAMP FOR NKL 022

- can be used for most types of magnifying lamps



NKLF

REPLACEMENT FLUORESCENT LAMP FOR NKL 03

- can be used for most types of magnifying lamps



NKLF T5

REPLACEMENT FLUORESCENT LAMP FOR NKL 01

- can be used for most types of magnifying lamps



type	output	flux	color temperature	size	energy class	measured energy consumption
NKL 022F	12 W	720 lm	6500 K	Ø120 mm / T4	G	12 kWh / 1000 h
NKLF	22 W	1450 lm	6500 K	Ø203 mm / T9	G	22 kWh / 1000 h
NKLF T5	22 W	1450 lm	6500 K	Ø185 mm / T5	G	22 kWh / 1000 h

FLP 1600 SOLAR

SOLAR PANEL LED FLOODLIGHT WITH PIR MOTION SENSOR

- 40 pcs SMD 2835 LED
- **brightness: 1600 lm / 6000 K**
- material: ABS, PC
- solar panel: 9,5 Wp monocrystalline silicone
- built-in Lithium battery pack, 18650 / 5400 mAh / 7,4 V
- **PIR motion sensor 120°, max. 3-8 m**
- self-regulating program
- extremely long operating time
- adjustable tilt angle: upwards 20°, downwards 10°
- it can be easily mounted on wall, on straight (max. Ø60 mm), or curved (max. Ø50 mm) pole
- dimensions: 23,2 x 49,2 x 5,8 cm

LED light source in the luminaire is not replaceable.



FLP 1100 SOLAR

SOLAR PANEL LED FLOODLIGHT

- 55 pcs SMD 2835 LED
- **brightness: 1100 lm / 6000 K**
- material: ABS, PC
- double-sided solar panel: 6,5 Wp + 4,5 Wp monocrystalline silicone
- built-in Li-ion accumulator, 18650 / 7200 mAh / 3,7 V
- **PIR motion sensor 120°, max. 8 m**
- USB charger sockets: 5 V⁺ / 0,5 A
- selectable functions: continuous lighting, motion sensor or combined function
- cable length: 2,8 m
- dimensions: solar panel: 30,5 x 20,6 x 1 cm, reflektor: 19,3 x 13 x 3,5 cm

LED light source in the luminaire is not replaceable.



FLP1002SOLAR

SOLAR LED REFLECTOR WITH MOTION SENSOR

- 2x28 cold white SMD LEDs
- **lights up energy-savingly in the dark, which increases to 100% when motion is detected**
- PIR motion sensor detection angle 120°, distance 5 m
- **1000 lm / 6000K**
- raw material: metal + plastic
- **IP44: protected against splashing water (from all directions)**
- fixing elements included
- power supply: 2 x 3.7 V 18650 Li-ion 2000 mAh battery
- dimensions: 21,5 x 6,5 x 47 cm

LED light source in the luminaire is not replaceable.



FLP300SOLAR

SOLAR LED REFLECTOR WITH MOTION SENSOR

- 36 cold white SMD LEDs
- **lights up energy-savingly in the dark, which increases to 100% when motion is detected**
- PIR motion sensor detection angle 120°, distance 5 m
- **300 lm / 10000K**
- raw material: plastic
- **IP44: protected against splashing water (from all directions)**
- fixing elements included
- power supply: 1 x 3.7 V 18650 Li-ion 2000 mAh built-in battery
- dimensions: 19 x 3 x 10,8 cm

LED light source in the luminaire is not replaceable.



FLP250SOLAR

SOLAR LED REFLECTOR WITH MOTION SENSOR

- 56 cold white SMD LEDs
- **lights up at 100% brightness when motion is detected, then turns off after a short time if no motion is detected**
- PIR motion sensor detection angle 120°, distance 5 m
- **250 lm / 10000K**
- raw material: plastic
- **IP44: protected against splashing water (from all directions)**
- fixing elements included
- power supply: 1 x 3.7 V 18650 Li-ion 1200 mAh battery
- dimensions: reflector: 15 x 23 x 8 cm
solar panel: 13,5 x 12 x 6,5 cm
length of cable: 5 m

LED light source in the luminaire is not replaceable.



FLP30SOLAR

SOLAR LED LAMP WITH MOTION SENSOR

- automatic switching on and off
 - **built-in solar panel and battery charger: it charges during the day and lights up at night**
 - in the dark, only the middle part lights up, turns on when motion is detected also the lower light source
 - **30 lumen brightness**
 - **IP44 protected against splashing water**
 - the material is plastic and stainless metal
 - 2 cold white LEDs
 - operating time approx. 6-8 hours
 - power supply: 1 x 3.7 V 14500 Li-ion 500 mAh battery
 - size: 8 x 5 x 17 cm
- The LED is the light source in the lamp cannot be exchanged.

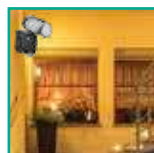


FLP 5 SOLAR

SOLAR PANEL LED FLOODLIGHT WITH PIR MOTION SENSOR

- 56 SMD 2835 LEDs
- **brightness: 500 lm / 4500 K**
- material: ABS, PC
- **solar panel: amorphous, 6 V / 1 W**
- accessory replaceable Li-ion accumulator, 18650 / 1500 mAh / 3,7 V
- **operating time from accumulator: max. 60 min**
- PIR motion sensor max. 8 m
- adjustable light-sensitivity (daytime - night)
- adjustable lighting period (10 sec - 2 min), from the last motion
- length of solar panel cable : 4,8 m

The LED light source is not replaceable in the luminaire.



FLP1500SOLAR

SOLAR LED SPOTLIGHT WITH MOTION SENSOR

- 88 pcs SMD LEDs
- 1500 lm
- selectable colour temperature: 3000 K, 6000 K
- PIR motion sensor detection angle 120°, distance 6 m
- charged by day, lit by night
- can be operated by remote control
- adjustable brightness
- timable operating time
- 2 modes:
 - continuous lighting according to default or set brightness and operating time, then switch to sensor mode
 - sensor mode: 100% brightness when motion is detected, then 5% brightness after 30 seconds
- material: anti-UV plastic, V0 fire resistance
- IP65: protected against water jets (from all directions)
- built-in 18650 Li-ion battery 3.7 V, 3600 mAh, 13.32 W
- solar panel power: 4,5 W
- length of connecting cable: 5 m
- accessory fixing elements
- lamp size: 15.2 x 146.8 x 3.1 cm
- solar panel size: 20.2 x 22 x 2.4 cm

FLP2000SOLAR

SOLAR LED SPOTLIGHT WITH MOTION SENSOR

- 112 pcs SMD LEDs
- 2000 lm
- selectable colour temperature: 3000 K, 6000 K
- PIR motion sensor detection angle 120°, distance 6 m
- 240° adjustable lamp head
- charged by day, lit by night
- 2 modes:
 - continuous lighting at 60% brightness for 5 hours, then switch to sensor mode
 - sensor mode: 100% brightness when motion is detected, then 5% brightness after 30 seconds
- material: anti-UV plastic, V0 fire resistance
- IP65: protected against water jets (from all directions)
- built-in 32700 LiFePO4 battery 3.2V 6000mAh, 19.2W
- solar panel power: 6W
- accessory fixing elements
- overall dimensions of the luminaire: 29,4 x 23,6 x 77 cm

FLP3SOLAR

SOLAR LED SPOTLIGHT WITH MOTION SENSOR

- 161 cool white SMD LEDs
- 700 lm / 6500 K
- PIR motion sensor detection angle 120°, distance 6 m
- 3 lighting modes:
 - 100% brightness when motion is detected, switches off after about 30 seconds
 - 100% brightness when motion is detected, after about 30 seconds continuous low brightness
 - continuous low brightness, without motion detection
- adjustable angle of inclination
- rotating and tilting ears
- IP65: protected against water jets (from all directions)
- fixing elements included
- power supply: 1x 3.7 V 18650 Li-ion 3600 mAh battery
- dimensions: 28 x 13 x 12 cm



FLP1800SOLAR

SOLAR LED REFLECTOR WITH MOTION SENSOR

- 112 pcs SMD LED
- 1800 lm / 6000 K
- PIR motion sensor detection angle 120°, distance 6 m
- remote control
- adjustable brightness
- timer
- 2 types of sensor modes:
 - 100% brightness when motion is detected, then turns off after about 30 seconds
 - 100% brightness when motion is detected, then continuous low brightness after about 30 seconds
- material: metal plastic
- IP65: protected against water jets (from all directions)
- built-in battery 3.2 V, 15 AH, 48 W LiFePO4 battery
- solar panel power: 12 W
- remote control power supply: 1 x 3 V CR2025 button battery, included
- connecting cable: 3 m
- included mounting elements
- reflector size: 27.3 x 18.8 x 7.3 cm
- solar panel size: 23.5 x 35 x 1.5 cm

FLP600SOLAR

SOLAR LED SPOTLIGHT WITH MOTION SENSOR

- 40 SMD LEDs
- 600 lm / 6000 K
- PIR motion sensor detection angle 120°, distance 6 m
- remote controlled
- adjustable brightness
- can be timed
- 2 sensor modes:
 - 100% brightness when motion is detected, switches off after about 30 seconds
 - 100% brightness when motion is detected, after about 30 seconds continuous low brightness
- material: metal plastic
- IP65: protected against water jets (from all directions)
- built-in battery 3.2V 5AH, 16W LiFePO4 battery
- solar panel power: 7W
- remote control power supply: 1x3V CR2025 button cell (included)
- fixing elements included
- reflector size: 24.9 x 16.3 x 7 cm
- solar panel size: 18 x 27 x 1.5 cm

FLP22SOLAR

SOLAR LED SPOTLIGHT WITH MOTION SENSOR

- 68 SMD LEDs
- 250 lm / 6500 K
- PIR motion sensor detection angle 120°, distance 6 m
- charged by day, lit by night
- 3 lighting modes:
 - 100% brightness when motion is detected, switches off after about 30 seconds
 - 100% brightness when motion is detected, after about 30 seconds continuous low brightness
 - continuous low brightness, without motion detection
- material: ABS+PC
- IP65: protected against water jets (from all directions)
- power supply: 1x 3.7 V 18650 Li-ion 1200 mAh battery
- fixing elements included
- dimensions: 11 x 10 x 6 cm



RCC3240

LED WALL/CEILING CIRCULAR LAMP

- brightness: 3400 lumen
- 3 selectable colour temperatures: 3000 K, 4000 K, 6500 K
- 3 selectable brightness levels: 100%, 50%, 10%
- indoor design
- CRI: 81,9
- fixing elements included
- power supply: 180-240 V~ 50/60 Hz 32 W
- dimensions: Ø40 x 2,5 cm
- weight: 1210 g

LED light sources in the luminaire are not replaceable.
The lamp is not suitable for highlighting.
Does not include a serial key. Please seek professional help for installation!



RCC2430

LED WALL/CEILING CIRCULAR LAMP

- brightness: 2500 lumen
- 3 selectable colour temperatures: 3000 K, 4000 K, 6500 K
- 3 selectable brightness levels: 100%, 50%, 10%
- indoor design
- CRI: 80,8
- fixing elements included
- power supply: 180-240 V~ 50/60 Hz 24 W
- dimensions: Ø30 x 2,5 cm
- weight: 670 g

LED light sources in the luminaire are not replaceable.
The lamp is not suitable for highlighting.
Does not include a serial key. Please seek professional help for installation!



RCC1823

LED WALL/CEILING CIRCULAR LAMP

- brightness: 1850 lumen
- 3 selectable colour temperatures: 3000 K, 4000 K, 6500 K
- 3 selectable brightness levels: 100%, 50%, 10%
- indoor design
- CRI: 80,3
- fixing elements included
- power supply: 180-240 V~ 50/60 Hz 18 W
- dimensions: Ø23 x 2,5 cm
- weight: 435 g
- white

LED light sources in the luminaire are not replaceable.
The lamp is not suitable for highlighting.
Does not include a serial key. Please seek professional help for installation!



RCC1823B

- black

RCC18LEDBK

LED WALL/CEILING LAMP

- brightness: 1200 lumen
- colour temperature: 4000 K
- indoor and outdoor design
- protected against splashing water from all directions: IP54
- CRI: 80
- fixing elements included
- power supply: 220-240 V~ 50-60 Hz 18 W
- dimensions: Ø17,5 x 52 cm
- weight: 170 g
- black

LED light sources in the luminaire are not replaceable.
The lamp is not suitable for highlighting.
Does not include a serial key. Please seek professional help for installation!



RCC18LEDWH

- white

RCO18LEDBK

LED WALL/CEILING LAMP

- brightness: 1200 lumen
- colour temperature: 4000 K
- indoor and outdoor design
- protected against splashing water from all directions: IP54
- CRI: 80
- fixing elements included
- power supply: 220-240 V~ 50-60 Hz 18 W
- dimensions: 20 x 9,9 x 5 cm
- weight: 121 g
- black

LED light sources in the luminaire are not replaceable.
The lamp is not suitable for highlighting.
Does not include a serial key. Please seek professional help for installation!



RCO18LEDWH

- white

RCC 210/WH

UFO CEILING LAMP

- socket type: E14/max. 13 W, the light source is not included
- screws and dowels included
- power supply: 230 V~/50 Hz
- size: Ø21 cm x 7.5 cm



0687H

OUTDOOR PIR MOTION DETECTOR

- passive infrared (PIR) sensor
- outdoor IP44 design
- detection angle: 180°
- detection distance: 12 m
- adjustable light sensitivity
- adjustable operating time: 10±5 seconds to 4±1 minutes
- switchable power: max. 1000W
- 220-240 V~/50 Hz



PIR 04/WH

MOTION SENSOR, WALL-MOUNTABLE

- passive infrared (PIR) sensor
- IP44 outdoor construction
- detection angle: 180°
- detection distance: 12 m
- adjustable operating time: 10 sec. - 7 min.
- adjustable light sensitivity: 3 - 2000 LUX
- works in dark and bright
- vertically tiltable
- power supply: 230 V~/0,45 W (0,1 W)
- switchable output: 230 V~/1200 W
- dimensions: 85 x 85 x 90 mm



LED LIGHT SOURCE

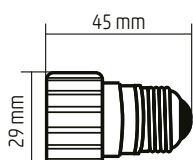


	type	energy efficiency	flux	output	energy consumption	socket	color temperature	service life
1	LS-PAR16-GU10-7-CW		560 lm	7,4 W	7,4 kWh / 1000 h	GU10	5000 K	15.000 h
2	LS-C38-E14-7-CW		560 lm	7 W	7 kWh / 1000 h	E14	5000 K	15.000 h
2	LS-C38-E14-7-WW		600 lm	7 W	7 kWh / 1000 h	E14	3200 K	15.000 h
3	LS-G45-E14-8-CW		800 lm	8 W	8 kWh / 1000 h	E14	5000 K	15.000 h
3	LS-G45-E14-8-WW		800 lm	8 W	8 kWh / 1000 h	E14	3200 K	15.000 h
4	LS-G45-E27-5-CW		450 lm	5 W	5 kWh / 1000 h	E27	5000 K	15.000 h
4	LS-G45-E27-5-WW		450 lm	5 W	5 kWh / 1000 h	E27	3200 K	15.000 h
5	LS-A60-E27-10-CW		1000 lm	10 W	10 kWh / 1000 h	E27	5000 K	15.000 h
5	LS-A60-E27-10-WW		1000 lm	10 W	10 kWh / 1000 h	E27	3000 K	15.000 h
6	LS-A65-E27-12-CW		1160 lm	12 W	12 kWh / 1000 h	E27	5000 K	15.000 h
6	LS-A65-E27-12-WW		1160 lm	12 W	12 kWh / 1000 h	E27	3200 K	15.000 h
7	LS-A70-E27-15-CW		1500 lm	15 W	15 kWh / 1000 h	E27	5000 K	15.000 h
8	LS-A80-E27-18-CW		1820 lm	18 W	18 kWh / 1000 h	E27	5000 K	15.000 h
9	LS-A95-E27-20-CW		2050 lm	20 W	20 kWh / 1000 h	E27	5000 K	15.000 h

E14/E27

SOCKET CONVERTER ADAPTER

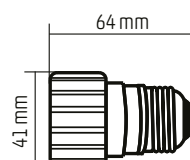
- allows to use light sources with different sockets in E27 sockets
- max. 2 A



E27/E14

SOCKET CONVERTER ADAPTER

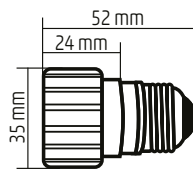
- allows to use light sources with different sockets in E14 sockets
- max. 2 A



GU10/E14

SOCKET CONVERTER ADAPTER

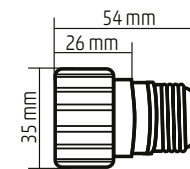
- allows to use GU10 light sources in E14 sockets
- max. 2 A



GU10/E27

SOCKET CONVERTER ADAPTER

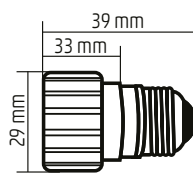
- allows to use GU10 light sources in E27 sockets
- max. 2 A



E14/GU10

SOCKET CONVERTER ADAPTER

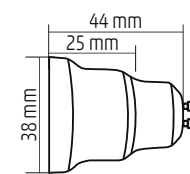
- allows to use E14 light sources in GU10 sockets
- max. 0,3 A



E27-GU10

SOCKET CONVERTER ADAPTER

- allows to use E27 light sources in GU10 sockets
- max. 0,3 A



VUK ML01

CEILING UFO LAMP, VUK

- **2in1:** you can choose the most suitable hue for yourself by rotating the decor frame
- durable luminaire
- **material: plastic cover and decor frame**
- type of socket: E14/max 13 W, the light source is not included
- power supply: 230 V~/50 Hz
- dimensions: 32,8 x 29,5 x 7,5 cm, with decor frame



VUK LC02

LED MOOD LIGHTING, RGB

- **changeable lighting color on color scale**
- **touch control**
- selectable lighting color from a color scale
- 3 color changing LEDs
- **average expected operating time: approx. 6-7 hours**
- power supply: 5 V~/350 mA accumulator, USB charging cable included
- dimensions: Ø7,5 x 8,5 cm



PM 01/BG

TEDDY BEAR MOOD LIGHTING

- switchable, **color changing** LED mood lighting, **8 color changing LEDs**
- soft, silky-touch **plush design**
- decoration and nightlight in one
- helps kids to fall asleep at night
- can be used as a cushion
- power supply: 3 x 1,5 V (AA) batteries, not included
- **dimensions: 30 x 45 x 16 cm**



VIDEO



LED ZOO

LED KEYCHAIN WITH ANIMAL FIGURES

- good quality plastic figures
- demanding design
- **sound and light effect**
- power supply: 3 x 1,5 V (LR1130)
- button cells, included
- 12 pcs/display

Can be ordered in display only!



LED ANIMALS

LED KEYCHAIN WITH ANIMAL FIGURES

- good quality plastic figures
- demanding design
- **sound and light effect**
- power supply: 3 x 1,5 V (LR1130)
- button cells, included
- 12 pcs/display

Can be ordered in display only!



HGWNK-88102

HOMEGUARD SMART DETERRENCE WIRE-FREE SECURITY SYSTEM, SMARTHUB+2 CAMERA WITH BLUE+RED LIGHT AND SIREN

Wi-Fi Smart Hub:

- video resolution: **2K QHD, 2560x1440**
- video compression: H.265 / H.264
- frame rate: max. 4MP @ 15fps
- video input: 8 channels
- video output: HDMI: 3840x2160, 2560x1440, 1920x1080, 1440x900, 1280x1024, 1280x720, 1024x768
- recording mode: **manual, automatic and motion detection**
- AI object detection: **human detection**
- storage space: 2.5" HDD and MicroSD card max 256 GB
- activity zone setting
- data protection zone: 4
- saving method: USB flash drive, network
- external interface: **1 x LAN port, 1 x standard RJ45 Ethernet port, 2 x USB 2.0 ports**
- dropbox support
- can be expanded to a maximum of 8 cameras
- wireless network: 2.4 GHz Wi-Fi (IEEE802.11 b/g/n)
- power supply: 12 V $\pm$ / 2 A
- size: **142 x 102 x 160 mm**

Wireless cameras (HGWBK-353):

- image sensor: 1/2.7" Progressive Scan CMOS
- lens: **2.8 mm fixed lens**
- viewing angle: **140° wide viewing angle**
- video quality: 4MP QHD (2560x1440 pixels)
- video compression: H.265 / H.264
- frame rate: **max. 15 fps**
- battery life: up to 365 days
- power source: rechargeable 11600 mAh lithium battery
- battery charging: Type-C port
- color night vision: **20 m**
- black and white night vision: **30 m**
- two-way sound: microphone and speaker
- siren: 100 dB
- noise reduction: 3D
- spotlight
- red-blue light
- **IP66**
- power supply: 5 V $\pm$ / 2 A
- size: **52 x 125.5 x 78 mm**





HGWBK-353

HOMEGUARD ADDITIONAL CAMERA HGWNK-88102 FOR SYSTEM

- image sensor: 1/2.7" Progressive Scan CMOS
- lens: 2.8mm fixed lens
- **viewing angle: 140° wide viewing angle**
- **video quality: 4MP QHD (2560x1440 pixels)**
- video compression: H.256 / H.264
- frame rate: max. 15 fps
- battery life: Up to 365 days
- power source: rechargeable 11600 mAh lithium battery
- battery charging: Type-C port
- **color night vision: 20 m**
- **black and white night vision: 30 m**
- two-way sound: microphone and speaker
- siren: 100 dB
- noise reduction: 3D
- spotlight
- red-blue light
- operating temperature: -20 - 50C°
- humidity: <90%
- **IP66**
- power supply: 5 V ~ / 2 A
- **size: 52 x 125.5 x 78 mm**

HGWBK-353R

HOMEGUARD RECHARGEABLE BATTERY

- supply voltage: 5 V
- min. capacity: 11600 mAh
- size: 72.5 x 46.5 x 40 mm
- weight: 210 g



HGBSP-350

HOMEGUARD SOLAR PANEL CHARGER

- connector type: USB-C
- with magnetic power cable
- 360° adjustable support bracket
- cable length: 4 m
- power: 3.2 W
- IP66
- size: 185 x 120 x 6.5 mm
- weight: 274 g
- compatible with: HGWNK-88102



HGWOB-256

HOME GUARD, IN/OUTDOOR 2K AI ALL-WEATHER SECURITY CAMERA

- image sensor: 1 / 2.9" Progressive Scan CMOS
- **viewing angle: 110° wide viewing angle**
- **night vision: up to 15 m**
- video quality: 2K QHD (2560x1440 pixels)
- frame rate: max. 30 fps
- video compression: H.264
- siren
- two-way conversation: microphone and speaker
- AI object detection: human / vehicle / pet
- local storage: MicroSD card, up to 256 GB
- cloud storage: 30 days of free recording
- high-speed Internet connection with 2.4 GHz Wi-Fi
- operating conditions: -10 - 50 °C
- humidity: 10 - 90%
- interior and exterior design
- **IP66**
- power supply: 5 V / 1 A, <3.6 W
- **size: 60 x 60 x 124 mm**

APP: Homeguardlive



HGWOB-253

HOME GUARD, OUTDOOR 2K PAN & TILT ZOOM AI SECURITY CAMERA

- image sensor: 1/3" Progressive Scan CMOS
- **viewing angle: 110° wide viewing angle**
- **night vision: up to 20 m**
- digital zoom: 16x
- panning / tilting: horizontal 360°, vertical 100°
- video quality: 2K QHD (2560x1440 pixels)
- frame rate: max. 30 fps
- video compression: H.264
- siren
- two-way conversation: microphone and speaker
- AI object detection: human / vehicle / pet
- local storage: MicroSD card, up to 256 GB
- cloud storage: 30 days of free recording
- high-speed Internet connection with 2.4 GHz Wi-Fi
- operating conditions: -10 - 50 °C
- humidity: 10 - 90%
- outdoor design
- **IP66**
- power supply: 5 V / 1 A, <4.5 W
- **size: 160 x 155 x 100 mm**

APP: Homeguardlive



HGWIP-212

HOME GUARD, INDOOR 2K PAN & TILT AI SECURITY CAMERA

- **image sensor: 1/3" Progressive Scan CMOS**
- viewing angle: 110° wide viewing angle
- **night vision: up to 8 m**
- digital zoom: 8x
- panning / tilting: horizontal 350°, vertical 80°
- **video quality: 2K QHD (2560x1440 pixels)**
- **frame rate: max. 30 fps**
- video compression: H.264
- siren
- two-way conversation: microphone and speaker
- **AI object detection: human / vehicle / pet**
- local storage: MicroSD card, up to 256 GB
- cloud storage: 30 days of free recording
- high-speed Internet connection with 2.4 GHz Wi-Fi
- operating conditions: -10 - 40 °C
- humidity: 10-90%
- interior design
- power supply: 5 V / 1 A, <6 W
- **size: 82 x 82 x 112 mm**

APP: Homeguardlive



WILDCAM1

HUNTING & SURVEILLANCE CAMERA

3in1: REQUIREMENTS FOR MOVING, MANUAL AND TIME-LAPSE MODE

- ideal in nature and around the house, for monitoring animals and intruders
- **camera and FullHD video camera**
- simultaneous photo and video shooting (1.3MP)
- **built-in light and motion sensor**
- infrared spotlight, 38xLED
- **range approx. 10 m day and night**
- 0.8 sec fast reaction time
- 2.00" colour TFT LCD screen
- adjustable trigger interval and video length
- **time-lapse recordings**
- date, time, moon phase, temperature on images
- ultra low standby consumption
- max. 32 GB Class10+ microSD card (not included)
- **IP66 enhanced protection against dust and water**
- accessory with attachment strap
- power supply: 4x or 8xAAA batteries, not included
- about 6 months standby time
- external DC power supply: 6 V / 2 A, not included
- dimensions: 99 x 136 x 65 mm



HSK 140

OUTDOOR DUMMY CAMERA WITH LIGHT SENSOR AND PIR LAMP

- convincing modern camera appearance
- **constantly flashing red light**
- white **double LED lamp with light and motion sensor**
- the lamp is activated when it is dark and motion is detected
- it scares away strangers and helps you move around or find the keyhole
- versatile rotation and positioning
- for both outdoor and indoor use
- water protected (IP44)
- power supply: 3 x 1,5 V (AAA) batteries, not included
- accessories: screw set
- dimensions: Ø70 x 143 mm



HSK160

SOLAR POWERED COVERT CAMERA

THANKS TO THE SOLAR PANEL OPERATION **DOES NOT REQUIRE FREQUENT BATTERY REPLACEMENT**, IDEAL FOR HIGH MOUNTING*

- lifelike security camera look
- **both day and night with prominent warning**
- flashing red LED
- versatile positioning
- rotatable, tiltable
- can be installed in minutes
- no wiring required
- power supply: solar panel and 2 x AA (1.2-1.5 V) batteries, not included
- IP44 water protection
- accessory screw set
- dimensions: 285 x 170 x 85 mm

*the solar panel charges the 2 pcs batteries which must be purchased separately



HSK 110

OUTDOOR DUMMY CAMERA

- real camera design
- **for indoor and outdoor use**
- tiltable, rotatable
- **constantly blinking red LED**
- power supply: 2 x 1,5 (AA) batteries, not included
- dimensions: 230 x 170 x 85 mm



HSK150

DOME CAMERA

- ideal for home, business, workplace
- can be mounted on ceilings and side walls
- **lifelike security camera look**
- **its white colour gives it an aesthetic appearance**
- both day and night with prominent warning
- flashing red LED that can be switched on and off
- can be installed in minutes
- **gift, fitting template**
- no wiring required
- power supply: 3xAA (1.5V) batteries, not included
- accessory screw set
- dimensions: Ø125 x 85 mm



HSK 120

DUMMY CAMERA WITH MOTION SENSOR

- real dome camera design
- **built-in motion sensor**
- easy to turn on/off
- easily mountable
- power supply 2 x 1,5 V (AA) batteries, not included
- dimensions: Ø116 x 70 mm



DPV SMART

SMART VIDEO DOORPHONE

CAN BE EXTENDED INTO A VERSATILE SECURITY SYSTEM

- video door phone + silent alarm + surveillance camera mode + panic alarm
- 7" (17.7cm) flat **touch screen** monitor
- robust, **aluminium outdoor camera unit** (IP65)
- **better image quality, improved AHD camera**
- indication of visitors with **motion detection camera** mode
- extension options: outdoor unit with 2 cameras, 4 monitors, 2 surveillance cameras, 2 door opening or motion detection sensors (optional)
- lock and door opening in case of electric lock (optional)
- RFID **proximity keys** for convenient and fast door opening
- InterCom: home phone function with multiple indoor units installed
- **message sending upon motion detection**
- automatic and manual **photo/video recording**
- door view at any time, even from a remote location
- sensitive camera with night mode
- practical **doorbell profiles: at home, leave home, sleep**
- selectable ring tones
- adjustable microphone, speaker and image properties
- user-friendly menu: EN, HU, SK, RO, D, SRB
- **remote access via Internet with a smart phone** (Smart Life, Tuya Smart)
- the Tuya platform is compatible with Android and iOS smart phones
- remote access privileges can be shared among family members
- storage can be extended with a microSD card (128GB, Class10+, not included)
- 4-core wired connection between units
- accessories: 7 RFID proximity key (DPV 270RFID), wall mounting brackets, ~10m connecting cable, connections for extension, network adapter, fittings
- outdoor / indoor unit: 68 x 159 x 32 mm / 180 x 125 x 28 mm



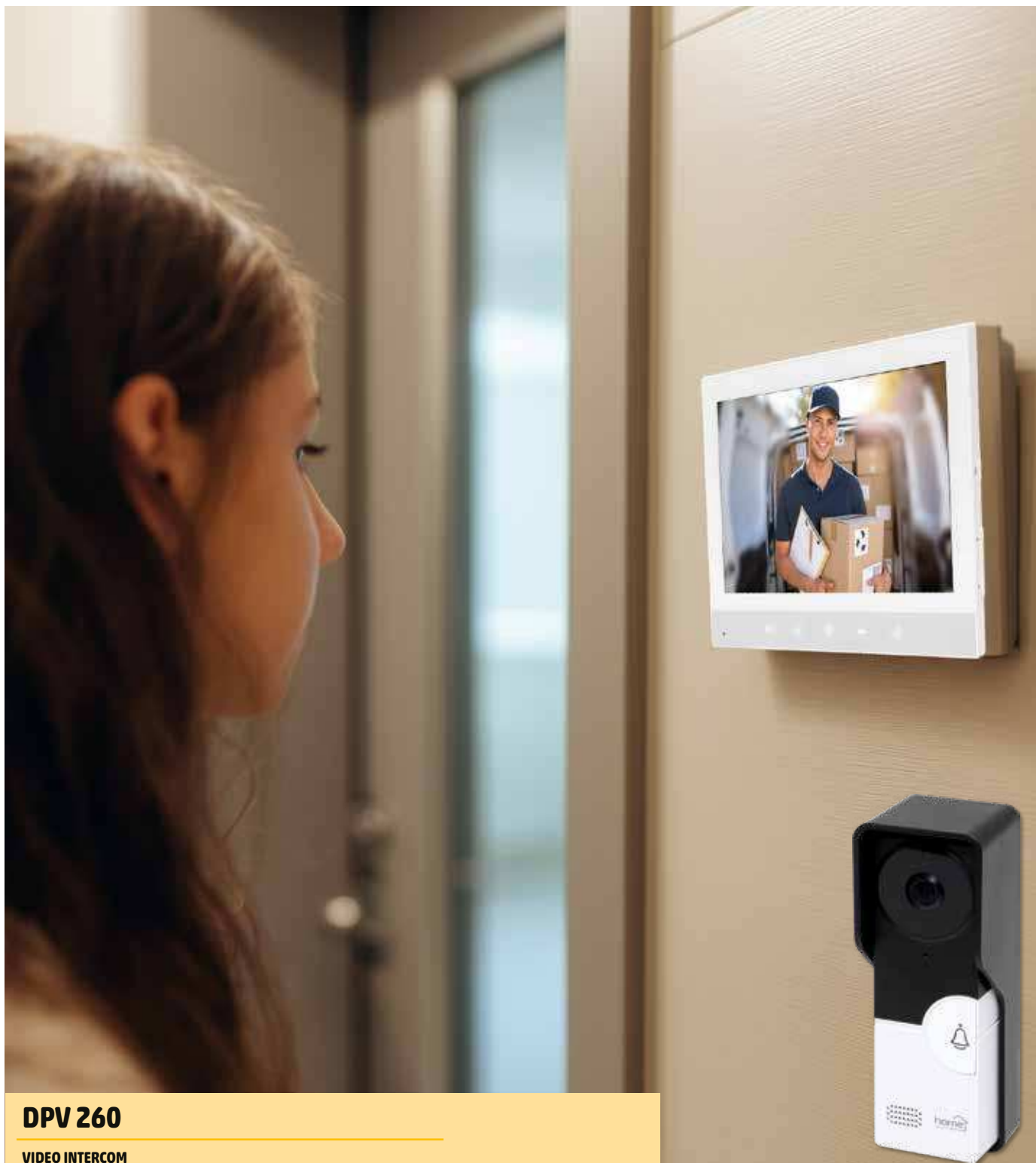
DPV WIFI 100

SMART VIDEO DOOR PHONE

WITH MOTION-DETECTING LIGHT AND WIRELESS DOORBELL

- Sin1: **video door phone + silent alarm + CCTV + wireless doorbell + motion-detecting night light**
- **fully wireless** door phone (neither internet, nor power cables are necessary for the several months of operation between charges)
- remote access over the internet from anywhere in the world
- visitor-friendly doorbell button **that lights up when motion is detected**
- **motion-detection alarm mode** with adjustable sensitivity, which automatically takes a photo and sends out a message
- **continuous live feed**, which works as CCTV, e.g. when placed on furniture
- wide angle of view to monitor a larger area
- **night lighting** with hidden infrared LEDs
- automatic switch to the more sensitive black and white mode when it's dark
- manual **photographs or video footage can be taken of visitors**
- choice between SD or HD 1080p picture quality
- alerts when the battery is running out of charge or the internet connection is breaking up
- **wireless doorbell with an adjustable melody, light signal, and motion-detecting light** (~35 m range in open space) included
- the remote access privileges can be shared among family members
- the TUYA platform is compatible with Android and iOS smartphones
- its functionality can be extended with voice assistant apps (Google Home, Amazon Echo)
- 2 supply options: built-in replaceable battery or ready for use with a mains adapter (not included)
- charging the door phone: via microUSB port (optional: SA 24USB adapter)
- **expected charging / operating time: ~5 hours / ~3 months**
- doorbell power supply: microUSB port (optional: SA 24USB adapter)
- storage can be extended with a microSD card (128GB, Class10+, not included)
- IP54 protection against dust and water
- included accessories: rain cover, 2 x microUSB cables, fixtures
- dimensions of the door phone/doorbell: 50x124x42 mm / Ø73x27mm


VIDEO

DPV 260

VIDEO INTERCOM

- 7" (17.8 cm) colour LCD monitor
- convenient use without handset
- continuously lit touch buttons
- outdoor unit for mounting outside the wall with rain protection frame
- night camera mode with infrared lighting
- user-friendly menu on the screen
- shorter and longer ringtones (30 types)
- adjustable ringing volume
- outlook function (60 s)
- "do not disturb" mode: one touch to mute
- adjustable microphone sensitivity and speech volume
- can be expanded by purchasing additional identical sets
- max. 2 outdoor and 4 indoor units can be operated
- can be extended with additional surveillance camera (option)
- lock opening with electric lock (option)
- LED indicates to the visitor the duration of the opening (3 s)
- 4-wire between outdoor-indoor units
- tool-free connection
- accessories: rain protection frame, connection cable (approx. 9 m), metal wall bracket, power adapter, fittings
- outdoor / indoor unit: 40 x 120 x 30 mm / 181 x 125 x 21 mm



DP 22

DOORPHONE SET

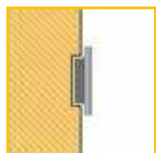
- **outdoor unit for mounting on wall exterior**
- two-wire connection **ideal for replacing old doorbells**
- aesthetic and sturdy aluminium construction
- suitable for use with or **without a rain cover**
- name plate with LED illumination
- indoor unit for furniture or wall mounting
- **adjustable sound signal volume**
- lock opening option (lock not included)
- operating distance 50 m / in the case of 1 mm² cable (not included)
- gate-opening functionality without external power supply (12 V / 200 mA)
- water resistance: IP23
- power supply: mains connection cable (230 V~ / 50 Hz)



DP 02

WIRED DOORPHONE SET

- doorphone system of **2 wires**
- excellent quality sound transmission between the two units
- **metal, recessable outdoor unit**
- **gate opening electric system without additional power supply**
- metal, recessable outdoor unit with nameplate
- easy to install: the cable can be fixed with screws
- indoor unit can be laid or mounted on the wall
- power supply: 230 V~ / 50 Hz
- dimensions: 87 x 227 x 45 mm / 200 x 116 x 55 mm



DP 012

2-FLAT WIRED DOORPHONE SET

- two indoor units and one outdoor unit
- doorphone system of **2 wires**
- excellent quality sound transmission between the two units
- **metal, recessable outdoor unit** with 2 nameplates
- **gate opening electric system without additional power supply**
- exchangeable nameplate with red LED background light
- easy to install: the cable can be fixed with screws
- indoor units can be laid or mounted on the wall
- power supply: 230 V~ / 50 Hz
- dimensions: 87 x 227 x 45 mm / 200 x 116 x 55 mm



DP 01

WIRED DOORPHONE SET

- doorphone system of **2 wires**
- excellent quality sound transmission between the two units
- **gate opening electric system without additional power supply**
- easy to install: the cable can be fixed with screws
- indoor units can be laid or mounted on the wall
- power supply: 230 V~ / 50 Hz
- dimensions: 87 x 227 x 45 mm / 73 x 100 x 36 mm



DCR313N

WIRELESS DOORBELL

- range: **max. 150 m**
- volume: max. 84 dB
- 6 melodies
- **LED indicator light when ringing**
- adjustable volume
- **push button IP55 protected**
- frequency: 868 MHz
- doorbell power supply: 4 x 1.5 V (AA) batteries, not included
- push button power supply: 1 x 3 V (CR2032) battery, accessory
- size: indoor unit: 116 x 116 x 37.5 mm



DC915NG

WIRELESS DOORBELL

- range: **max. 200 m**
- volume: max 90 dB, 11 melodies
- mute timer: 3, 6, 9, 12 hours
- **stroboscopic LED frame light**
- **LED flashlight turns on when rings**
- adjustable volume
- **IP55 protected push-button**
- frequency: 868 MHz
- **power supply of the bell: 4 x 1.5 V C (LR14) batteries, not included**
- **power supply of the push-button: 1 x 3 V (CR2032) battery, included**
- dimensions: 125 x 125 x 40 mm



DC515NP2

WIRELESS DOORBELL

- range: **max. 150 m**
- volume: max 84 dB, 9 melodies
- mute timer: 3, 6, 9, 12 hours
- **discrete HALO frame light and powerful LED light indication**
- more doorbells can be paired with one bell push, or multiple bell pushes can be paired with one doorbell
- **IP55 protected push-button**
- frequency: 868 MHz
- **power supply of the bell: 230 V~ / 50 Hz**
- **power supply of the push-button: 1 x 3 V (CR2032) battery, included**
- color: white
- dimensions: 70 x 70 x 76,5 mm



DC313NP2

WIRELESS DOORBELL

- range: **max. 150 m**
- volume: max 84 dB, 6 melodies
- **LED indication light when ringing**
- adjustable volume
- **IP55 protected push-button**
- frequency: 868 MHz
- **bell power supply: 230 V~ / 50 Hz**
- **push-button power supply: 1 x 3 V (CR2032) battery, included**
- dimensions: 110 x 70 x 40 mm



DC311NP2

WIRELESS DOORBELL

- range: **max. 150 m**
- volume: max 80 dB, 4 melodies
- **IP55 protected push-button**
- frequency: 868 MHz
- **power supply of the bell: 230 V~ / 50 Hz**
- **power supply of the push-button: 1 x 3 V (CR2032) battery, included**
- dimensions: 110 x 70 x 40 mm



DC313N

WIRELESS DOORBELL

- range: **max. 150 m**
- volume: max 84 dB, 6 melodies
- **LED indicator light when ringing**
- adjustable volume
- **IP55 protected push-button**
- frequency: 868 MHz
- **bell power supply: 4 x 1.5 V (AA) LR6 batteries, not included**
- **push-button power supply: 1 x 3 V (CR2032) battery, included**
- dimensions: 110 x 70 x 40 mm



DC311N

WIRELESS DOORBELL

- range: **max. 150 m**
- volume: max 80 dB, 4 melodies
- **IP55 protected push-button**
- frequency: 868 MHz
- **power supply of the bell: 4 x 1.5 V (AA) LR6 batteries, not included**
- **power supply of the push-button: 1 x 3 V (CR2032) battery, included**
- dimensions: 110 x 70 x 40 mm



DGP711

PUSH BUTTON FOR HONEYWELL BELL

- **wireless push button for Honeywell branded DC started bells**
- **RF range in open terrain: 200 m**
- operating frequency: 868 MHz
- **IP55**
- power supply: CR2032 battery (included)
- dimensions: 42 x 42 x 18.5 mm



DGP311

PUSH BUTTON FOR HONEYWELL BELL

- **wireless push button for Honeywell branded DC started bells**
- **RF range in open area: 200 m**
- operation frequency: 868 MHz
- with name plate
- **IP55**
- power supply: CR2032 battery, included
- dimensions: 30 x 70 x 16 mm



BATTERY FREE

KINETIC ENERGY

DBK 1500AC

WIRELESS BELL

NEVER NEEDS BATTERY,
RELIABLE OPERATION EVEN IN COLD WEATHER

- **36 varied style melodies**
- polyphonic, pleasant sounding
- **volume can be set in 4+1 stages**
- mute ringing, with light indication
- **operation range in open area: approx. 150 m**
- operation frequency 433,92 MHz
- custom encoding with learnig function
- highly interference-protected from other bells
- bell power supply: 230 V~/50 Hz
- push-button power supply: **kinetic energy**
- dimensions: 80 x 75 x 25 mm

DBK 1401AC

WIRELESS DOORBELL

BATTERY NEVER NEEDED,
RELIABLE OPERATION EVEN IN COLD

- **36 well-known, classic melodies**
- polyphonic, pleasant sound
- volume adjustable in 4 levels
- silent signal with light; ideal for small children
- melody / melody and light / light signal only
- **warm night direction light with light sensor which can be switched off or automatically operated**
- max. 8 push buttons can be paired
- highly protected against interference from other bells
- memory in case of power failure
- premium textile front panel
- **water resistant push button (IP44)**
- **range in open terrain: ~140 m**
- operating frequency 433.92 MHz
- push button power supply: kinetic energy
- doorbell power supply: 220-240 V~ / 50 Hz
- size: push button / bell:
41 x 88 x 33 mm / 83 x 83 x 36 mm



DBK1010AC

WIRELESS BELL

BATTERY NEVER NEEDED,
RELIABLE OPERATION EVEN IN COLD WEATHER

- **learning function: min. 20 push-buttons or doorbells can be paired with each other**
- **20 varied style melodies**
- polyphonic pleasant sound
- **adjustable volume (3 stages)**
- blue indicator LED
- **flashing light indication** by ringing
- constant night light function
- **operation range in open area: approx. 100 m**
- operation frequency: 433,92 MHz
- custom encoding with learning function
- highly interference-protected from other bells
- power supply: 230 V~/50 Hz/0,9 W
- push-button power supply: **kinetic energy**
- dimensions: 75 x 125 x 27 mm



DBS 1501AC

WIRELESS DOORBELL SET

- operation range in open area: **approx. 150 m**
- **two doorbells, operating without batteries**
- 36 varied, famous melodies
- polyphonic, pleasant sound
- volume is adjustable in 4 levels
- **blue LED indicators**
- **flashing light indication when ringing**
- unique encoding with learning function
- 4 bell pushes can be paired with one bell
- heavily interference-protected from other bells
- operation frequency: 433,92 MHz
- bell push power supply: 1 x 12 V (LR23A) battery, included
- door bell power supply: 230 V~ / 50 Hz / 0,3 W
- dimensions: 50 x 100 x 35 mm



DB 2060AC

WIRELESS DOORBELL

- operation range in open area: **approx. 200 m**
- polyphonic, pleasant melodies
- 36 selectable melodies
- **volume is adjustable to 5 stages**
- **LED indicator is flashing together with the sound signal**
- battery status indicator with blue LED
- individually pre-coded
- operating frequency: 433,92 MHz
- power supply: bell push: 1 x 12 V (LR23A) battery, included
indoor unit: 230 V~ / 50 Hz / 0,9 W
- dimensions: 80 x 76 x 23 mm



DB112AC

WIRELESS DOORBELL

- operation range in open area: **approx. 100 m**
- 36 variety of melodies
- polyphonic, pleasant sound
- adjustable volume, 4 stages
- **blue LED indicators**
- **IP44 dust and water resistant push-button**
- individually pre-coded
- operating frequency: 433,92 MHz
- power supply: push-button: 1 x 12 V (LR23A), included
indoor unit: 230 V~ / 50 Hz / 1 W
- dimensions: 60 x 90 x 30 mm



DB 1031AC

WIRELESS DOORBELL

- operation range in open area: **approx. 100 m**
- **adjustable volume in 3 stages**
- custom encoding with learning function
- 36 varied style melodies
- operating frequency: 433,92 MHz
- **even up to 8 push-buttons can be used at the same time**
- highly disturbance-protected from other bells
- power supply:
push-button: 1 x 3 V (CR2032) battery, included
indoor unit: 230 V~ / 50 Hz / 0,5 W
- dimensions: 94 x 70 x 30 mm



DBA1101AC

WIRELESS DOORBELL

- open field range: **approx. 110 m**
- **adjustable volume**
- polyphonic, pleasant sound
- 38 varied, familiar tunes
- **3 selectable modes (sound and light, light only, sound only)**
- IP44 protected push button
- unique coding with learning function
- heavily distracted by other bells
- up to 8 push buttons can be paired with one bell
- memory in case of power failure
- operating frequency 433,92 MHz
- push button power supply: CR2032 (3 V) battery, included
- bell power supply: 220-240 V~ / 50 Hz
- push button power supply: 1 x CR2032 (3 V), included
- push button / doorbell: 70 x 100 x 30 (+35) mm / 36 x 89 x 15 mm



DBS 1001DC

WIRELESS DOORBELL SET

- **2 indoor units + 1 push-button**
- operation range in open area: **approx. 100 m**
- polyphonic, pleasant sound
- 8 varied, well-known melodies
- **suitable as pager as well**
- **unique encoding with learning function**
- flashing blue light indication at the same time with the voice signal
- **IP44 protected push-button**
- 256 digital codes are available
- operation frequency: 433,92 MHz
- doorbell power supply: 2 x 1,5 V (AA) batteries in each indoor unit, not included
- push-button power supply: 1 x 3 V (CR2032), included
- dimensions: 60 x 98 x 32 mm



DB 1601DC

WIRELESS DOORBELL

- range in open terrain: **approx. 160 m**
- 60 well-known, classic melodies
- polyphonic, pleasant sound
- **3 levels of volume control plus mute**
- **switchable light signal**
- doorbell power supply: 3 x 1.5 V (AA) batteries, not included
- push button power supply: 1 x 3 V (CR2032) battery, included
- dimensions of the push button / bell: 35.3 x 65.4 x 17 mm / 80.6 x 80.2 x 32.8 mm



DB1401DC

WIRELESS BELL

- open field range: **approx. 140 m**
- **fabric cover**
- **adjustable volume**
- polyphonic, pleasant sound
- 38 varied, familiar tunes
- **3 selectable modes (sound and light, light only, sound only)**
- IP55 protected push button
- unique coding with learning function
- heavily distracted by other bells
- up to 8 push buttons can be paired with one bell
- operating frequency: 433,92 MHz
- bell power supply: 3 x 1,5 V (AA) battery, not included
- push button power supply: 1 x 3 V CR2032, included
- size: push button / bell: 41 x 88 x 33 mm / 83 x 83 x 36 mm



DB 1050DC

WIRELESS DOORBELL

- **operation range in open area: approx. 100 m**
- custom encoding with learning function
- **36 varied style melodies**
- operating frequency: 433,92 MHz
- even up to 8 push-buttons can be used at the same time
- **highly interference-protected from the other bells**
- push-button power supply: 1 x 3 V (CR2032) button battery, included
- bell power supply: 3 x 1,5 V (LR6) batteries, not included
- dimensions: 70 x 94 x 30 mm



DB 1001DC

WIRELESS DOORBELL

- operation range in open area: **approx. 100 m**
- polyphonic, pleasant sound
- 8 varied, well-known melodies
- **suitable for pager as well**
- heavily interference protected from other doorbells
- **unique encoding with learning function**
- flashing blue light indication at the same time with the voice signal
- **IP44 protected push-button**
- 256 digital codes are available
- operation frequency: 433,92 MHz
- doorbell power supply: 2 x 1,5 V (AA) batteries, not included
- push-button power supply: 1 x 3 V (CR2032) button battery, included
- dimensions: 60 x 98 x 32 mm



DB 0650DC

WIRELESS DOORBELL

- operation range in open area: **approx. 60 m**
- poliphonic, pleasant sound
- **32 varied, well-known melodies**
- **red LED light** when ringing
- operating frequency: 433,92 MHz
- power supply:
push-button: 1 x 12 V (LR 23A) battery, included
doorbell: 2 x 1,5 V (AA) batteries, not included
- dimensions: 70 x 105 x 26 mm



D 6

WIRED BELL

- **can be used with the old push-button**
- 8 different melodies
- **power supply: 2 x 1,5 V (AA) batteries**, not included
- dimensions: 98 x 155 x 38 mm



DBP 03

PUSH-BUTTON FOR WIRELESS DOORBELL

- for replacing lost, malfunctioning wireless push-buttons, or for installing at one or more entrances
- no interference with similar push-button types
- operation range in open area: **approx. 200 m**
- 256 different digital codes
- **IP44 dust and water resistant push-button**
- operating frequency: 433,92 MHz
- **compatible:** DB 108, DB 118, DB 128, DB 208, DB 218, DB 228, DB 268, DB 442, DBS 1001DC, DB 1001DC, DB 1002AC, DB 1501AC, DB 1502DC, DB 1503AC
- power supply: 1 x 3 V (CR2032) battery, included
- dimensions: 27 x 76 x 16 mm

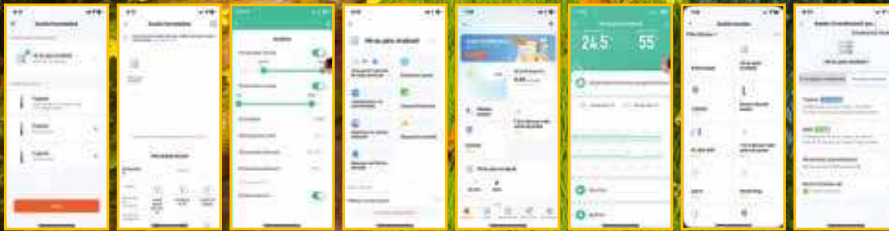


type	power supply of the push buttons	power supply of the doorbell	protection against water of the push button	number of buttons handled simultaneously	operation range in open area	operating frequency
DCR313N	1 x 3 V (CR2032) button battery	4 x 1,5 V (AA) battery	IP55	4	approx. 150 m	868 MHz
DC915NG	1 x 3 V (CR2032) button battery	4 x 1,5 V (C) battery	IP55	6	approx. 200 m	868 MHz
DC515NP2	1 x 3 V (CR2032) button battery	230 V~ / 50 Hz	IP55	4	approx. 150 m	868 MHz
DC515N	1 x 3 V (CR2032) button battery	3 x 1,5 V (AA) battery	IP55	4	approx. 150 m	868 MHz
DC313NP2	1 x 3 V (CR2032) button battery	230 V~ / 50 Hz	IP55	4	approx. 150 m	868 MHz
DC311NP2	1 x 3 V (CR2032) button battery	230 V~ / 50 Hz	IP55	2	approx. 150 m	868 MHz
DC313N	1 x 3 V (CR2032) button battery	4 x 1,5 V (AA) battery	IP55	4	approx. 150 m	868 MHz
DC311N	1 x 3 V (CR2032) button battery	4 x 1,5 V (AA) battery	IP55	2	approx. 150 m	868 MHz
DBK 1500AC	without battery, kinetic energy	230 V~ / 50 Hz	highly resistant to water	1	approx. 150 m	433,92 MHz
DBK 1401AC	without battery, kinetic energy	230 V~ / 50 Hz	IP44	4	approx. 140 m	433,92 MHz
DBK1010AC	without battery, kinetic energy	230 V~ / 50 Hz	resistant to water	4	approx. 100 m	433,92 MHz
DBS 1501AC	1 x 12 V (LR23A) battery	230 V~ / 50 Hz	install in protected place	4	approx. 150 m	433,92 MHz
DBS 1001DC	1 x 3 V (CR2032) button battery	2 x 1,5 V (AA) battery	IP44	4	approx. 100 m	433,92 MHz
DB 2060AC	1 x 12 V (LR23A) battery	230 V~ / 50 Hz	install in protected place	10	approx. 200 m	433,92 MHz
DB112AC	1 x 12 V (LR23A) battery	230 V~ / 50 Hz	IP44	4	approx. 100 m	433,92 MHz
DB 1031AC	1 x 3 V (CR2032) button battery	230 V~ / 50 Hz	IP55	8	approx. 100 m	433,92 MHz
DBA1101AC	1 x 3 V (CR2032) button battery	230 V~ / 50 Hz	IP44	8	approx. 110 m	433,92 MHz
DB 1601DC	1 x 3 V (CR2032) button battery	3 x 1,5 V (AA) battery	IP44	20	approx. 160 m	433,92 MHz
DB1401DC	1 x 3 V (CR2032) button battery	3 x 1,5 V (AA) battery	IP44	8	approx. 140 m	433,92 MHz
DB 1050DC	1 x 3 V (CR2032) button battery	3 x 1,5 V (AA) battery	IP44	8	approx. 100 m	433,92 MHz
DB 1001DC	1 x 3 V (CR2032) button battery	2 x 1,5 V (AA) battery	IP44	4	approx. 100 m	433,92 MHz
DB 0650DC	1 x 12 V (LR23A) battery	2 x 1,5 V (AA) battery	install in protected place	uncoded, expandable	approx. 60 m	433,92 MHz
D 6	dual-core wire, not included	2 x 1,5 V (AA) battery	not included	unlimited	unlimited	wired

HSTHC

TEMPERATURE AND HUMIDITY METER

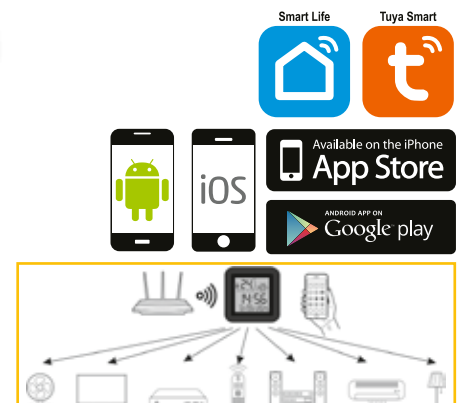
- -9.9...+60 °C / 0...99%RH
- min./max. storage of values
- clock and comfort level display
- large display **with backlight**
- smart sensor that can be used independently and can be expanded into a versatile system
- **reading of current measurements on the phone**
- **stores data** for one year
- **sends warning messages** on request
- smart home - automation - device control - alarm
- voice control, compatibility: Google Assistant, Amazon Alexa, SmartThings
- quick to set up
- **individually calibrated**
- Smart Life (Tuya) application required
- iOS8.0+ and Android4.4+ compatible
- **remote access** can be shared between family members
- power supply: 3 x AAA (1.5 V), not included
- dimensions: 80 x 80 x 24 mm



HSTHR

REMOTE CONTROL, CLOCK, TEMPERATURE AND HUMIDITY METER

- **universal & teachable infrared remote control**
- 0...+60 °C / 0...99%RH
- time and date display
- smart sensor that can be used independently and can be expanded into a versatile system
- **reading of current measurements on the phone**
- **stores data** for one year
- sends warning messages on request
- smart home - **automation - device control** - alarm
- voice control, compatibility: Google Assistant, Amazon Alexa, SmartThings
- Smart Life (Tuya) application required
- iOS8.0+ and Android4.4+ compatible
- **remote access** can be shared between family members
- power supply: USB-A / USB-C cable, included
- recommended adapter: SA 24USB, SA 20PPS
- size: 65 x 65 x 17 mm



HSDWS

OPENING SENSOR

- smart sensor that can be used independently and can be expanded into a versatile system
- indicates the opening and/or closing of a **door, window, drawer, sliding door**, etc.
- can also indicate if it **has been open for too long**
- **the current status can be checked on the phone**
- sends warning messages on request
- do not miss anything, **create an alarm list**
- smart home - automation - device control - alarm
- voice control: Google Assistant, Amazon Alexa, SmartThings
- quick to set up
- Smart Life (Tuya) application required
- iOS8.0+ and Android4.4+ compatible
- **remote access** rights can be shared between family members
- accessories: double-sided adhesive, screws, dowels
- power supply: 2 x AAA (1.5 V), not included
- size: 25 x 70 x 20 mm / 10 x 36 x 17 mm



HSPIR

MOTION SENSOR

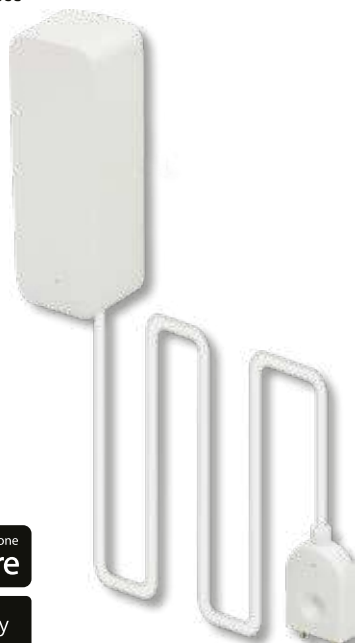
- smart sensor that can be used independently and can be expanded into a versatile system
- primarily **detects human movement** (max. 7 m / 128°)
- **alarm list can be checked on the phone**
- **sends warning messages on request**
- smart home - automation - **device control** - alarm
- voice control, compatibility: Google Assistant, Amazon Alexa, SmartThings
- quick to set up
- Smart Life (Tuya) application required
- iOS8.0+ and Android4.4+ compatible
- **remote access** rights can be shared between family members
- accessories: hanger, double-sided adhesive
- power supply: 2 x 1.5 V (AAA), not included
- size: 24 x 70 x 20 mm



HSWAS

WATER LEAKAGE DETECTOR

- smart sensor that can be used independently and can be expanded into a versatile system
- **indicates water leakage or its cessation**
- **current status can be checked on the phone**
- **sends warning messages on request**
- not to miss anything, **creates an alarm list**
- smart home - automation - **device control** - alarm
- voice control: Amazon Alexa, SmartThings
- quick to set up
- Smart Life (Tuya) application required
- iOS8.0+ and Android4.4+ compatible
- **remote access** rights can be shared between family members
- accessories: double-sided adhesive, screws, dowels
- power supply: 2 x AAA (1.5 V), not included
- size: 25 x 70 x 20 mm / 18 x 25 x 7 mm



HSTHS

TEMPERATURE AND HUMIDITY METER

- -20...+60 °C / 0...99 %RH
- **water-resistant** (IP65)
- smart sensor that can be used independently and can be expanded into a versatile system
- **reading of current measurements on the phone**
- **stores data** for one year
- sends warning messages on request
- smart home - **automation** - **device control** - alarm
- voice control, compatibility: Google Assistant, Amazon Alexa, SmartThings
- **individually calibrated**
- Smart Life (Tuya) application required
- iOS8.0+ and Android4.4+ compatible
- **remote access** can be shared between family members
- accessories: hanger, double-sided adhesive
- power supply: 2 x AAA (1.5 V), not included
- dimensions: 25 x 70 x 20 mm



HSB 120 R

WIRELESS ENTRY ALARM WITH REMOTE CONTROL

- when stepping into the range of the motion sensor (PIR) the receiving unit emits sound and light signals
- motion sensor: horizontally within 110°, 5-6 m
- 433,92 MHz, **max. 120 m radio range in open area**
- **accessory remote control (ON - OFF)**
- easy-to-install
- **motion sensor useable outdoors (IP44)**
- screws and dowels included
- power supply: PIR motion sensor: 3x1,5 V (AAA) batteries, not included
indoor unit: 3 x 1,5 V (C) batteries, not included
remote control: 1x12 V (23A) battery, included
- dimensions: 90 x 140 x 45 mm / 65 x 95 x 33 mm



HS12

DOOR / WINDOW ALARM

4in1 MULTIFUNCTIONAL PROTECTION

- "I'm at home" and "I'm gone" modes
- 30s or continuous **alarm** until the door is closed
- ding-dong **entry signal** mode
- **warns of a door left open**
- possibility of immediate **panic alarm**
- all functions can be controlled remotely
- indicates the immersion of the elements
- **the volume can be adjusted**
- does not require assembly
- alarm + magnetic switch + remote control + self-adhesive glue
- power supply: remote control: CR2032, included
alarm: 2 x AAA, not included
- size: remote control: 36 x 60 x 14 mm
alarm: 45 x 100 x 23 mm
magnet: 12 x 45 x 16 mm



HS 11

ENTRY ALARM WITH WALL-MOUNTED HOLDER

- the entry alarm emits sound signals (ding-dong) when stepping into the range of the sensor
- detection range: 4-5 m
- **adjustable in 120° due to the tiltable wall-mountable holder**
- adjustable volume, it can be switched off as well
- optionally an adapter can be connected
- power supply: 4 x 1,5 V (AA) batteries, not included; 6 V⁻⁻⁻ / 300 mA adapter, not included
- dimensions: 83 x 110 x 50 mm, holder: 83 x 40 x 35 mm



HS 21

DOOR AND WINDOW OPENING SENSOR/ALARM

- emits sound signal when senses door or window opening
- **two functions:** Chime: ding-dong **sound signal**; ALARM: **alert** (100 dB)
- can be fixed with the self adhesive tape on its back
- can be switched off
- power supply: 3 x 1,5 V (AG13) button batteries, included
- dimensions: 59 x 98 x 26 mm



SZ 3-1

SIREN

- **output: 20 W**
- **traditional siren, "one sound"**
- dome speaker
- voltage: 6 - 15 V⁻⁻⁻
- volume: **108 dB**
- Ø87 x 104 mm
- height including the base: 112 mm



SZ 1-1

SIREN

- **output: 20 W**
- 1 continuous sound signal
- piezo speaker
- voltage: 6 - 16 V⁻⁻⁻
- volume: **100 dB**
- 45 x 40 x 60 mm
- height including the base: 57 mm



Z 2

BUZZER

- volume: **85 dB**/30 cm
- piezo speaker
- voltage: 1,5 - 12 V⁻⁻⁻
- Ø22 x 10 mm



TLKR T82 EXTREME

WALKIE-TALKIE, 10 KM

- 16 main channels and 121 subchannels
- **max. 10 km range**
- can be used without PMR446 transceiver-license
- LED lamp
- **weather-resistant IPX4 design**
- hidden display
- VOX - handsfree use, **continuous communication with earpiece**
- iVOX- handsfree use, **continuous communication without earpiece**
- automatic noise-lock
- alarm button
- double channel-monitoring
- 20-type calling voice
- vibration
- power: 0,5 W
- box content:
 - 2 T82 Extreme transceivers,
 - 2 rechargeable NiMH accumulators, 800 mAh - **even 18 hours lifetime**,
 - 2 belt clips,
 - 1 Mains charger with 2 micro USB plugs,
 - 2 neckbands,
 - 2 earpieces,
 - instruction manual,
 - 1 black carrying case
 - personalization stickers (16 pcs)



TLKR T82

WALKIE-TALKIE, 10 KM

- **PMR446 transceiver - can be used without a license**
- **16 main channels and 121 sub-channels**
- hidden display
- VOX
- emergency button
- dual channel monitoring
- 20 types of ringtones
- vibration
- power: 0.5 W
- **range: max. 10 km**
- size: 5.7 x 18.1 x 3.3 cm
- weight: 197 g (with belt clip and battery)
- box contents:
 - 2 transceivers,
 - 2 Ni-MH batteries 800 mAh - up to 18 hours of life,
 - 2 belt clips,
 - 1 mains charger with 2-pin microUSB plug,
 - user manual,
 - 16 distinguishing stickers



TLKR T62

WALKIE-TALKIE, 8 KM

- **16 PMR channels, 121 channels**
- **max. 8 km range**
- "Roger" sound
- accu state indication
- channel surveillance
- keypad lock
- **16 hours operation time**
- power supply: 2 pcs rechargeable NI-MH accumulators (3,6 V, 800 mA), or 3 x 1,5 V (AA) (LR6) batteries, not included
- color: red
- contents of the set:
 - 2 pcs TLKR T62 appliances,
 - 2 pcs belt clips,
 - AC adapter,
 - 2 pcs rechargeable NI-MH, accumulators (3,6 V, 800 mA),
 - 16 pcs stickers



TLKR T42

WALKIE-TALKIE, 4 KM

- 16 PMR channels
- **max. 4 km range**
- 1 calling tone
- "Roger" tone
- battery status indicator
- keypad lock
- **16 hours operating time**
- power supply: 3 x AA (LR6)
- contents of the set:
 - 2 pcs transceivers,
 - 2 pcs belt clips (blue, red)



SAFETREZOR

DIGITAL CODED FURNITURE SAFE

- solid steel construction
- digital, electric locking device
- **3-8 digits of any code can be recorded**
- quick, **easy code**
- **automatic delay** after unauthorised opening attempts
- **LED indicators, alarm**
- soft textile insert at the bottom
- manual opening: with **two emergency keys**
- bottom to be fixed to floor or back to be fixed to wall
- accessories: fixing dowels, soft textile insert
- power supply: 4 x AA batteries, not included
- internal dimensions: 305 x 190 x 145 mm
- external dimensions: 310 x 200 x 200 mm
- weight: 4.1 kg



SAFEMONEY

CASH BOX

- **solid steel** box
- with two accessory keys
- **3 different sizes, 5 compartment change box**
- paper money and smaller items can be stored under the removable tray
- portable
- with recessed, retractable boom
- size: 200 x 90 x 160 mm
- weight: 0,8 kg



SAFEKEY

NUMBER-LOCKED KEY SAFE

- secure key storage
- strong **aluminium casting**
- solid door opening downwards to horizontal
- easy to change **four-digit numeric code**
- 10.000 principle code variations
- sliding **dust cover**
- for indoor and outdoor use
- **back to be fixed** to the wall, 4+1 holes
- key length: ~80 mm max.
- screws, dowels included
- internal dimensions: 60 x 70 x 29 mm
- external dimensions: 95 x 115 x 40 mm
- weight: 0,39 kg



HCP60

WIRELESS FLOATING THERMOMETER

- for measuring temperature of a garden pool, bathtub, swimming pool, river, pond
- **floats on the surface of the water** and can be fished out
- **read the water temperature of the outdoor pool** in your home
- **measuring internal and external temperatures**
- if required, the two data can be interchanged, their size can be increased
- **minimum and maximum stored values**
- **exact time**
- indoor fold-out unit
- range: approx. 60 m
- fixing cordm included
- power supply: 2 x 1,5 V + 2 x 1,5 V (AAA) batteries, not included
- dimensions: Ø80 x 135 mm / 60 x 90 x 23 mm





HCW 01

WEATHER STATION WITH EXTERNAL TRANSMITTER

- **expected weather symbols**
 - Moon phase
 - 12/24 hour time format
 - alarm with snooze function
 - 433,92 MHz outdoor temperature and humidity transmitter, 60 m range in open field
 - ability to manage up to 3 external transmitters (1 included; HCKK 10)
- **outdoor and indoor humidity and temperature**
 - temperature trend display
 - display of maximum and minimum values
 - wall hanging or table top placement
 - easy to install
 - weather station power supply: 2 x 1,5 V (AAA) batteries, not included
 - external transmitter power supply: 2 x 1,5 V (AA) batteries, not included
 - dimensions: 7,6 x 12,8 x 2,1 cm



HCW 25

WEATHER STATION WITH OUTDOOR TRANSMITTER

- **negative, white LCD display**
- expected weather symbols displayed
- **indoor temperature and humidity**
- **outdoor temperature and humidity**, with wireless transmitter
- 433,92 MHz outdoor temperature and humidity transmitter, 60 m range in open terrain
- **handling max. 3 outdoor transmitters** (1 accessory; HCKK 08)
- temperature trends
- **digital clock, calendar**
- 12/24 hour time format
- **two alarms**, with adjustable snooze function (3 - 20 minutes)
- outdoor, indoor **temperature alarm limits**
- easy setup
- power supply:
 - weather station: included power network adapter, or 3 x 1,5 V (AA) batteries, not included
 - outdoor transmitter: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 21 x 13,8 x 2,2 (6) cm



HCKK 10

EXTERNAL TRANSMITTER FOR THE HCW 01 WEATHER STATION

- 433,92 MHz external temperature and humidity encoder
- max. 80 m range
- can be mounted on the wall or placed on a desktop
- **3 available channels**
- power supply: 2 x 1,5 V (AA) batteries, not included
- dimensions: 3,8 x 10 x 2,2 cm



HCKK 08

EXTERNAL ENCODER FOR HCW 25 WEATHER STATION

- 433,92 MHz external temperature and humidity encoder
- max. 60 m range
- can be hanged up on wall or placed on a table
- **optional 3 channels**
- power supply 2 x 1,5 V (AAA) batteries, not included
- dimensions: 4,8 x 8,2 x 2,6 cm



HC 11

WIRELESS OUTDOOR-INDOOR THERMOMETER WITH ALARM CLOCK

- 433,92 MHz outdoor temperature transmitter, **max. 60 m range**
- can handle 1 transmitter (included: HCKK 05; recommended for replacement: CHKK 04)
- display of maximum and minimum values
- temperature measurement range:
indoor: -9 - +50 °C, outdoor: -20 - +60 °C
- 12/24 hour time format
- can be wall-mountable or placed on desktop
- power supply 4 x 1,5 V (AAA) batteries, not included
- dimensions: 7,5 x 12,5 x 2 cm / 6 x 9,5 x 2,5 cm



HC 16

TEMPERATURE AND HUMIDITY METER

- for displaying indoor temperature (-10 - +50 °C)
- **for displaying indoor humidity (RH 17% - 99%)**
- **displaying minimum and maximum values**
- 12/24 h time format, date, day of the week
- can be mounted on the wall or placed on a desktop
- power supply: 2x1.5 V (AAA) batteries (not included)
- dimensions: 9,2 x 8 x 2,5 cm



HC 12

WIRELESS OUTDOOR-INDOOR THERMOMETER WITH CLOCK

- display of **indoor temperature** (-9 - +50 °C)
- display of **outdoor temperature** (-50 - +70 °C)
- **length of wired thermometer probe: 1,4 m**
- display of maximum and minimum values
- 12/24 hour time format, date
- wall-mountable or placed on desktop
- power supply 2 x 1,5 V (AAA) batteries, not included
- dimensions: 7 x 12 x 2 cm



HC 13

TEMPERATURE AND HUMIDITY METER WITH ALARM CLOCK

- display of **indoor temperature** (-9 - +50 °C)
- display of **outdoor temperature** (RH 20% - 90%)
- display of maximum and minimum values
- 12/24 hour time format, date, day of the week
- **alarm with snooze function (8 minutes)**
- wall-mountable or placed on desktop
- power supply 2 x 1,5 V (AAA) batteries, not included
- dimensions: 7,3 x 12,3 x 2,2 cm



HCKK 09

OUTDOOR TRANSMITTER FOR HCW 28 WEATHER STATION

- 433,92 MHz external temperature and humidity encoder
- max. 60 m range
- wall mounting or desktop placement
- **3 selectable channels**
- **LCD display**
- power supply: 2 x 1.5 V (AAA) batteries, not included
- dimensions: 6 x 9,6 x 2,6 (5) cm



HCKK 04

EXTERNAL ENCODER FOR HCW 21 AND HCW 26 WEATHER STATIONS

- 433,92 MHz external temperature and humidity encoder
- max. 60 m range
- can be mounted on wall or placed on a table
- **LCD display**
- power supply 2 x 1,5 V (AAA) batteries, not included



LTCJUMBO

HUGE LED CLOCK

- time-month-day-day-of-the-week-day-temperature
- **display with excellent readability at a distance**
- large white numbers (105 mm)
- **brightness continuously adapting to ambient light conditions**
- automatic, **eye-saving night mode**
- 12 or 24 hour clock display
- day of the week: in English, German, French
- **shelf or wall-mounted**
- memory in case of power failure: 2 x 1,5 V (AA) batteries, not included
- **very long connection cable** (2,5 m)
- the excess length of wire can be stored in the device
- included power (USB) adapter
- dimensions: 37 x 16 x 3,9 cm / 0,6 kg



LTCRP03

RADIO ALARM CLOCK WITH PROJECTOR

- large, highly visible white display
- dimmable and **variable brightness**
- **a clock that can be permanently projected** on the wall
- always readable, **rotatable projection position**
- 12 or 24 hour time display
- two wake-up times
- **1 min. bip-bip or 30p radio alarm**
- individual wake-up-repeat delay
- adjustable snooze time: 0-60 min.
- **FM radio** with manual or automatic tuning
- **sleep mode**, delayed power off (5-90 min.)
- extra slim design
- USB power adapter (not included) memory in case of power failure: 1 x 3 V (CR2032) button cell, included
- USB/DC power cable included
- recommended USB adapter: SA 24USB, SA20PPS
- dimensions: 170 x 85 x 40 mm



LTCR06

MULTIMEDIA PLAYER WITH ALARM CLOCK

- 2x5W **stereo speakers + subwoofer**
- **Qi wireless phone charging***
- **"white noises" from nature** to help you fall asleep
- **alarm** with selectable sound effect (1p)
- adjustable off **timer**: 15-30-60p
- wireless **stereo BT connection**
- BT TWS: two identical devices can be paired
- **make calls without touching the phone** with the built-in microphone
- **stereo music playback** from USB/microSD device
- **FM radio** with automatic tuning
- wired AUX input, 3.5mm
- **night lamp** with white or coloured lighting
- colourful light show, even changing to the rhythm
- exclusive fabric design, white LED display
- portable design
- **built-in battery** with automatic charging
- expected charging / operating time: ~3.5h / ~7h
- included: USB-C antenna/charging cable
- recommended charger: SA20PPS
- dimensions: 180 x 90 x 100 mm

*Independent phone compatibility, if the phone supports Qi standard wireless charging (external 2A USB fast charger required for wireless charging)





LTC06

LED ALARM CLOCK WITH USB CHARGING OUTPUT

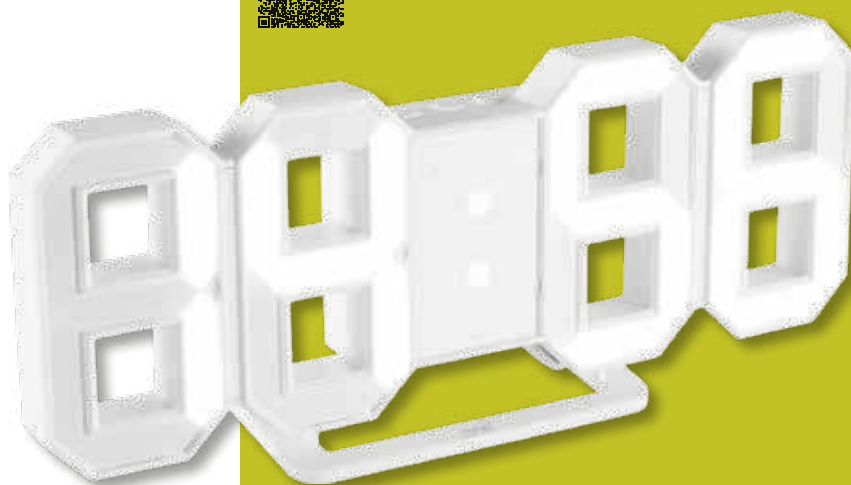
- large, clearly visible white display
- continuously **adjustable brightness**
- the display light is not disturbing at night
- 12 or 24 hour clock display
- **two wake-up times**
- 2-minute beep-beep wake-up call
- individual wake-up-repeat delay
- **adjustable snooze time:** 0-30 p
- **measuring temperature and humidity**
- **rear USB charging output for phone**
- comfortable **touch buttons**
- timeless shape, mirrored front panel
- battery operated (3 x 1,5 V (AAA), not included) or USB adapter operation (not included)
- USB/DC power cable included
- recommended USB adapter: SA 24USB, SA20PPS
- dimensions: 185 x 77 x 50 mm

LTC 04

DIGITAL, 3D LED ALARM CLOCK

- **80 mm high, white 3D LED display**
- it's clearly visible at night and daytime
- **readable even from 30 meter distance**
- **3 stages of brightness are selectable (20-70-100%)**
- energy saving, night mode
- brightness is adjustable for durations
- 12 - 24 hour time format
- alarm with 2 minutes beep-beep sound
- 5-60 minutes programmable wake up alarm repeating
- **desktop-placement or wall- mountable**
- for the case of power cut, time memory can be ensured with CR2032 (3 V) button cell, included
- power supply: USB adapter and **~1,8 m USB cable**, included
- dimensions: 235 x 100 x 25 mm / 180 g

VIDEO



LTCP 01

DIGITAL LED ALARM CLOCK WITH PROJECTOR

- 24 hour, **continuous time display** on the wall, without battery, powered by mains
- **46 mm high time display**
- red JUMBO LED display
- **three kinds of selectable brightness**
- reflective, continuously operating LED display
- 24-hour time format
- easy to see, user-friendly control buttons
- **2 alarms can be set up simultaneously, within one day**
- LED feedback of the alarm set up time
- long alarm with beep-beep sound
- 8-minute wake-up repeat function
- one-touch summer / winter time changeover
- for the case of power cut, time memory can be ensured with 2 x 1,5 V (AAA) batteries, not included
- power supply: 230V~ power cable
- dimensions: 202 x 90 x 52 mm



LTC 02

DIGITAL, LED ALARM CLOCK

- **46 mm high time display**
- **adjustable brightness**
- 24-hour time format
- alarm with beep, with snooze function (9 minutes)
- time memory with 9 V (6LR61) battery, not included
- power supply: 230 V~ / 50 Hz
- dimensions: 210 x 85 x 85 mm



LTCR 02

DIGITAL LED ALARM CLOCK WITH RADIO

- 30 mm high time display
- **large, amber LED display**
- **three kinds of selectable brightness**
- selectable radio or beep-beep alarm sound
- digital radio-frequency display
- **10 FM radio station memory**
- manual and automatic tuning
- sleep mode, radio off-timer
- electric volume-control (0-15)
- **2 alarms can be set up simultaneously**, within one day
- 8-minute wake-up repeat function
- one-touch summer / winter time changeover
- for the case of power cut, time memory can be ensured with 2 x 1,5 V (AAA) batteries, not included
- power supply: 230V~ power cable
- dimensions: 170 x 60 x 120 mm



LTC 03

DIGITAL, LED ALARM CLOCK

- 15 mm high time display
- **amber LED display**
- 24-hour time format
- LED indication for activated alarm
- long alarm with beep-beep sound
- **8-minute wake-up repeat function**
- for the case of power cut, time memory can be ensured with 9 V (6LR61) battery, not included
- power supply: 230 V~ power cable
- dimensions: 115 x 45 x 95 mm



OC 07

DIGITAL LED ALARM CLOCK

- **real wooden housing**
- highly visible **white LED display**
- customizable display modes
- display can be switched off if the strong light is disturbing at night
- display can be activated by clapping your hands or by tapping next to the clock
- **time - date - temperature** (0 - 50°C)
- 12/24 hour time display
- alarm with 1 minute beep-beep sound
- **three alarm times simultaneously**
- power supply: accessory mains adapter or 3 x AAA batteries, not included
- button battery (CR 2032) for memorizing accurate time, included
- dimensions: 150 x 80 x 90 mm



OC 04

DIGITAL LED ALARM CLOCK

- **real wooden housing**
- highly visible white LED display (120 x 22 mm)
- customizable display modes
- display can be switched off if the strong light is disturbing at night
- **display can be activated by clapping your hands or tapping next to the clock**
- **time - date - temperature** (0 - 50 °C)
- 12/24 hour time display
- alarm with 1 minute beep-beep sound
- three alarm times simultaneously
- power supply: AC adapter, included, or 3 x 1,5 V (AAA) batteries, not included
- button cell (CR 2032) for memorizing accurate time, included
- dimensions: 150 x 70 x 45 mm



OC 05

DIGITAL LED ALARM CLOCK

- **real wooden housing**
- highly visible LED display (120 x 22 mm)
- customizable display modes
- **display can be switched off if the strong light is disturbing at night**
- **display can be activated by clapping your hands or tapping next to the clock**
- **time - date - temperature** (0 - 50 °C)
- 12/24 hour time display
- alarm with 1 minute beep-beep sound
- three alarm times simultaneously
- power supply: AC adapter, included, or 3 x 1,5 V (AAA) batteries, not included
- button cell (CR 2032) for memorizing accurate time, included
- power supply: 230 V~/ 50 Hz
- dimensions: 150 x 80 x 90 mm



AWC300 SERIES

WALL CLOCK

- bright, **contrasting clock face**
- **easy to read** from far and side
- 3D design, prominent numbers
- red **seconds hand**
- classic **glass front**
- timeless neutral shape
- power supply: 1 x 1,5 V (AA) battery, not included
- dimensions: Ø300 x 45 mm

AWC300WH

- white

AWC300BL

- blue

AWC300BK

- black



AWC250 SERIES

WALL CLOCK

- bright, **contrasting clock face**
- **easy to read** from far and side
- red **seconds hand**
- classic **glass front**
- timeless neutral shape
- power supply: 1 x 1,5 V (AA) battery, not included
- dimensions: Ø250 x 40 mm

AWC250BK

- black

AWC250WH

- white





HD2T2C

DVB-T/T2/C COMBO RECEIVER

- **DVB-T/T2: free-to-air terrestrial digital TV and radio reception**
- **DVB-C: displaying unencrypted programs from certain cable TV providers**
- **multilingual menu: EN, HU, SK, RO, D, CZ**
- clear, convenient operation
- automatic and manual tuning
- list of favourite channels
- electronic programme guide (EPG)
- **teletext**, child lock
- normal and time-shift **recording to USB storage** (option)
- USB connector for external hard drive
- play multimedia files (image, audio, video)
- supported video resolution: 1920x1080p
- **HDMI, SCART, COAX output**
- RF in and RF out coaxial connectors
- can be placed on furniture or hung on the wall behind the TV
- mains adapter included
- lightweight, small size: 133x31x78 mm

*Get the right connecting cable for your TV.
It does not accept subscription cards.*



HD2T2

DVB-T/T2 RECEIVER

- **reception of free, free-to-air terrestrial digital TV and radio broadcasts**
- **multilingual menu: EN, HU, SK, RO, D, CZ**
- automatic and manual tuning
- list of favorite channels
- **electronic program guide (EPG)**
- **teletext**, child lock
- normal and time-shift **recording to USB storage** (max. 32 GB, option)
- USB connector for a max. 500 GB external hard drive
- playback of multimedia files (e.g. MPG, AVI, VOB, DAT, ASF, MKV, RM, WMV, TS, QT, JPG, PNG, BMP, WMA, WAV, MP3)
- supported video resolution: 1920x1080p / 4:3 / 16:9
- **HDMI and SCART sockets**
- can be placed on furniture or hung on the wall behind the TV
- network adapter included
- small, compact size: 133 x 31 x 78 mm

*Get the right connecting cable for your TV.
It does not accept subscription cards.*





FZ 54

INDOOR ANTENNA WITH AMPLIFIER DVB-T/T2

- radio and TV reception
- **for analogue and digital broadcasting**
- **for TV, cable TV box, radio**
- new technology with special design
- **outstandingly high sensitivity**
- efficient, **low noise amplifier**
- increased size for better reception
- **amplification: max. 54 dB**
- **paper thin**, flake light
- **can be stuck** on windows, walls, furniture
- **long antenna cable** (~4.8 m)
- power supply: mains adapter, included
- can be powered from the receiver
- size: 339 x 310 x 1(10) mm



FZ 52

INDOOR ANTENNA WITH AMPLIFIER DVB-T/T2

- extremely high sensitivity
- paper thin, lightweight
- ideal for receiving radio and TV broadcasts
- **suitable for receiving analog and digital signals**
- table stand included
- can be stuck on furniture or wall
- **broadcast reception: FM, VHF, UHF**
- **amplification: max. 52 dB**
- power supply: 12 V $\overline{\text{---}}$ mains adapter, included
- can be supplied from the receiver device (5 V $\overline{\text{---}}$)
- dimensions: 230 x 210 mm x 1 (10) mm

FZ 52
230 mm



FZ 54
339 mm



FZ 56

DVB-T/T2 OUTDOOR ANTENNA

- extremely high sensitivity
- ideal for radio and TV signal reception
- **suitable for receiving analog and digital signals**
- wall-mounted holder and metal clamps included
- can be hung, screwed or can be clamped to a pole
- built-in „F“ connection socket
- **broadcast reception: FM, VHF, UHF**
- **87,5-230 MHz, 470-862 MHz**
- amplification: max. 56 dB
- output impedance: 75 Ω
- purchase of connection cable is required
- power supply: 12 V $\overline{\text{---}}$, mains adapter, included
- dimensions: 320 x 30 x 230 mm / 400 g



URCAIR1

SMART REMOTE CONTROL

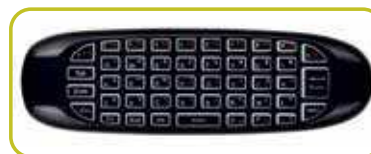
- **wireless mouse, keyboard, game controller, IR remote control**
- manual (◀ ▶ ▲ ▼) and **3D air mouse** (AirMouse)
- adjustable mouse pointer speed (4 speeds)
- **application examples: smart TV, TV box, media player, game console, projector, computer, notebook, mini PC, tablet, smartphone...**
- **6-axis gyroscope** motion sensor
- QWERTY English keyboard (45+12 keys)
- teachable infra remote control for most TVs
- instant connection to the USB receiver (BT)
- range approx. 10 metres
- energy-saving, **automatic sleep mode**
- free USB-A socket required for the receiver
- no battery replacement, has **built-in battery**
- indicates the need for charging
- charging / operating / standby time: ~4h / ~6h / ~6h
- included: USB receiver, microUSB charging cable
- recommended chargers: SA 24USB, SA 50USB
- dimensions: 55 x 159 x 17mm / 90 g



URCAIR2

SMART REMOTE CONTROL

- **wireless mouse, keyboard, game controller**
- manual (◀ ▶ ▲ ▼) and 3D air mouse (AirMouse)
- adjustable mouse pointer speed
- **application examples: smart TV, TV box, media player, game console, projector, computer, notebook, mini PC, tablet, smartphone...**
- **3-axis gyroscope** motion sensor
- QWERTY English keyboard (46 + 11 keys)
- **7 colored, illuminated buttons**
- approx. 10 m range
- energy-saving, **automatic sleep mode**
- a free USB-A socket is required for the receiver
- no battery replacement, **there is a built-in battery**
- indicates the need for charging
- charging / operating / standby time: ~4 h / ~6 h / ~6 months
- accessories: USB receiver, microUSB charging cable
- recommended chargers: SA 24USB, SA 50USB
- size: 46 x 152 x 15 mm / 55 g



URC ALL

UNIVERSAL REMOTE CONTROL

- **to operate the products of 9 brands** (Samsung, LG, Sony, Panasonic, Toshiba, Philips, Hisense, Sharp, Grundig)
- **pre-coded per brand**
- button-press indicator red LED
- 3D TV compatible
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC LG 1

REMOTE CONTROL FOR LG TV

- for **LG-branded TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC LG 2

REMOTE CONTROL FOR LG TV

- for **LG-branded smart TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AAA) batteries, not included



URCHIS

REMOTE CONTROL

- for **Hisense**-branded **smart TV** devices
- pre-coded, does not require adjustment
- power supply: 2 x 1,5 V (AAA) batteries, not included



URCTCL

REMOTE CONTROL

- for **TCL**-branded **smart TV** devices
- pre-coded, does not require adjustment
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC PAN

REMOTE CONTROL FOR PANASONIC TV

- for **Panasonic**-branded **smart TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AA) batteries, not included



URC SAM 1

REMOTE CONTROL FOR SAMSUNG TV

- for **Samsung**-branded **smart TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC SAM 2

REMOTE CONTROL FOR SAMSUNG TV

- for **Samsung**-branded **TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AAA) batteries, not included



URCSAM3

REMOTE CONTROL

- for **Samsung**-branded **smart TV** devices
- pre-coded, does not require adjustment
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC PH

REMOTE CONTROL FOR PHILIPS TV

- for **Philips**-branded **smart TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AAA) battery, not included



URC SON

REMOTE CONTROL FOR SONY SMART TV

- for **Sony**-branded **smart TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC 2000AC/SL

UNIVERSAL REMOTE CONTROL FOR AIR CONDITIONERS

2000 operating codes for more than **10000 types**.

It can be used for almost all types of air conditioners.

It expands your device with new, useful features.

- always displays the temperature of the room
- exact time is constantly displayed
- timer programmes; switching on and off
- intelligent rapid heating and rapid cooling modes
- **SMART sleeping mode** with delayed temperature control
- **automatic operating code search**
- manual setup by brand
- clear, well-readable, large scale display
- steady blue LED background light
- supplied with **wall bracket**
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 165 x 55 x 20 mm



Home Comfort, Home Pro, Carrier, Daewoo, Daikin, Electrolux, Fujitsu, Funai, Goldstar, Gree, Haier, Hisense, Hitachi, Hyundai, LG, Midea, Mitsubishi, Panasonic, Samsung, Sanyo, Sharp, Toshiba, Whirlpool...

URC 10

UNIVERSAL REMOTE CONTROL, FOR 8 DEVICES

- **replaces 8 remote controls** at the same time
- **preprogrammed**
- code selection is possible by quick search or by brand
- teletext function
- memory to prevent loss of adjusted codes in case of battery change
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 45 x 21 x 182 mm



URC 22

UNIVERSAL REMOTE CONTROL, FOR 4 DEVICES

- **replaces 4 remote controls** at the same time
- **preprogrammed codes**
- manual code selection or automatic code search
- ergonomic design
- power supply: 2 x 1,5 V (AA) batteries, not included
- dimensions: 180 x 60 x 25 mm



URC JUMP

UNIVERSAL REMOTE CONTROL, 2IN1

- for **jump code** systems
- for **fix code** systems
- independently teachable buttons
- frequency range: 280-350/380-450/867-868 MHz
- material: ABS
- power supply: 1 x 3 V (CR2032) battery
- dimensions: 63 x 37 x 13 mm



URC GATE

UNIVERSAL REMOTE CONTROL

- can be taught based on the original remote controller
- **fix coded**, for 433 MHz systems
- **for 4 functions or devices simultaneously**
- can be used for: gates, garages, remote controllable sockets, household appliances, alarms
- **metal front panel and frame with keychain**
- range: approx. 30 m
- power supply: 12 V (27 A) battery, included



LCDS95

SAFETY STRAP PAIR FOR TVs

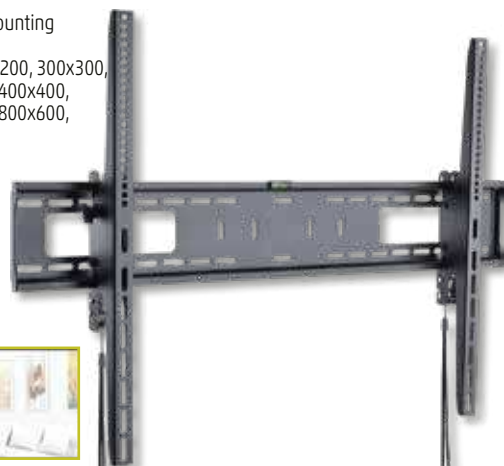
- prevents devices from tipping over, protecting children and pets
- easy assembly
- metal straps
- max. load capacity: 120 kg



LCDH 30

LCD/LED WALL BRACKET, TILTABLE

- screen size: **60" - 100"**
- max. load: **75 kg**
- **with spring-loaded automatic fastening, with quick release strap**
- built-in water level
- accessories: wall mounting brackets
- VESA 200x200, 300x200, 300x300, 400x200, 400x300, 400x400, 600x400, 600x600, 800x600, 900x600



LCDH 31

LCD/LED TV WALL BRACKET, FULL MOTION

- screen size: **37" - 90"**
- max. load: **75 kg**
- extensible to 63,5 cm, it retreats to 6,9 cm folded
- accessories: water level
- accessories: wall brackets
- VESA 200x200, 300x300, 400x200, 400x400, 600x400, 800x400



LCDH 33

LCD/LED TV WALL BRACKET, FULL MOTION

- screen size: **37"-80"**
- max. load: **45 kg**
- accessory fixing elements
- cable manager
- VESA 200x200, 200x300, 300x200, 200x400, 400x200, 300x300, 300x400, 400x300, 600x200, 400x400, 600x300, 600x400



LCDH 291

LCD/LED TV WALL MOUNT HOLDER, FULL MOTION

- screen size: **23" - 55"**
- max. load: **30 kg**
- extensible to 38,2 cm, it retreats to 6 cm folded
- accessories: wall brackets
- VESA 100x100, 100x200, 200x100, 200x200, 300x200, 400x200, 300x300, 400x300, 400x400



LCDH 321

LCD/LED TV WALL MOUNT HOLDER, FULL MOTION

- screen size: **23" - 55"**
- max. load: **30 kg**
- extensible to 20,8 cm, it retreats to 6 cm folded
- accessories: wall mounting brackets
- VESA 100x100, 100x200, 200x100, 200x200, 300x200, 400x200, 300x300, 400x300, 400x400



LCDH 19

WALL BRACKET, TILTABLE

- for **37"-70"** screen size
- capacity: **max. 40 kg**
- **tiltable** +/- 12°
- built-in bubble level, accessory mounting brackets
- VESA 200 x 200, 400 x 200, 300 x 300, 400 x 400, 600 x 400



LCDH 18

WALL BRACKET, TILTABLE

- for **32"-55"** screen size
- capacity: **max. 40 kg**
- **tiltable** +/- 12°
- built-in bubble level, accessory mounting brackets
- VESA 200 x 200, 400 x 200, 300 x 300, 400 x 400



LCDH 081

LCD/LED TV WALL MOUNT HOLDER

- for **32"-55"** screen size
- capacity: **max. 45 kg**
- accessory mounting brackets
- VESA 75x75, 100x100, 100x150, 150x100, 100x200, 200x100, 150x150, 200x200, 300x200, 400x200, 300x300, 400x300, 400x400



LCDH 071

LCD/LED TV WALL MOUNT HOLDER

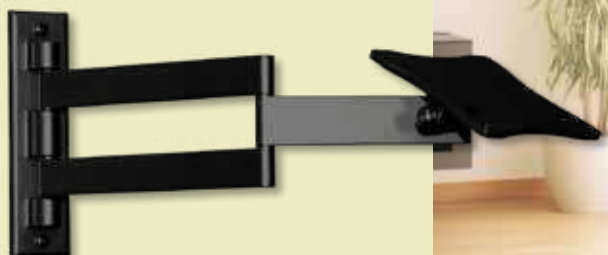
- for **23"-42"** screen size
- capacity: **max. 45 kg**
- accessory mounting brackets
- VESA 75x75, 100x100, 100x150, 150x100, 100x200, 200x100, 150x150, 200x200



LCDH 01/BK

WALL BRACKET

- for speakers
- capacity: **15 kg**
- **negotiable arm in 3 points**
- **tiltable** base plate
- viewing angle is adjustable in a wide range
- light aluminium mould construction
- fitting accessories
- black
- VESA 75 x 75, 100 x 100





UPS 1000

VOLTAGE STABILIZER

- **voltage stabilizer, 140 - 275 V ~ for input mains voltage**
- 1000 VA apparent output
- 700 W effective output
- **inverter and UPS supply function owing to the connectable 12 V ~ battery**
- **battery charger, 10 A charging current**
- recommended battery capacity: min. 40 Ah
- **produces the same voltage as the mains supply (Pure Sine)**
- **2 grounded connector sockets**
- length of power cable: 80 cm
- length of battery connection cables: 75 cm
- dimensions: 14,5 x 17 x 34 cm / 7,4 kg

UPS500

- **500 VA** apparent output, 300 W effective output
- length of power cable: ~80 cm
- length of battery connection cables: ~70 cm
- dimensions: 14,5 x 18 x 24 cm / 4,7 kg

SAIC1000TS

VOLTAGE CONVERTER AND NON-BREAK NUTRITION

Produces **pure sinusoidal** mains voltage if available 12 V ~

- 12 V ~ → 230 V ~ AC (50 Hz) inverter
- also suitable for **sensitive equipment**
- ideal for **heating circulation pump**
- can be used in vehicles, boats, camping...
- two mains sockets with protective contacts
- **~1000 Watt nominal capacity**
- three-stage **built-in battery charger** • stable, nearly uninterrupted power supply function
- **switches to battery mode in the event of a power failure**
- switches back to the already stable network after a power failure
- USB charging socket on the front panel (5 V ~ / 2.5 A)
- **digital display the DC voltage of the battery**
- **the output on the digital display AC voltage**
- two-color LED indicating operation
- two-color **LED indicating charging**
- **soft start** by gradually increasing the voltage
- overload protection
- overheating protection
- short-circuit protection
- overvoltage protection
- **protection against battery exhaustion**
- **warning sound**
- child lock in the mains socket
- to be connected to a 12 V battery and placed next to it
- battery cable: 2 x 8.4 mm² / ~50 cm
- included mains connection cable
- size: 180 x 145 x 310 mm / 3.3 kg

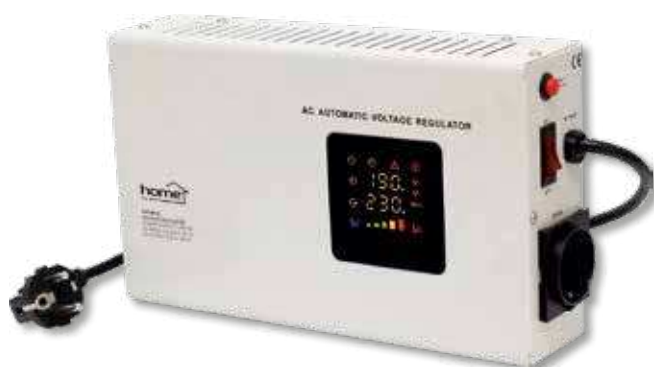


AVR2000S

VOLTAGE STABILIZER

AC AUTOMATIC VOLTAGE REGULATOR, WITH RELAY

- for household appliances (**2000 VA**)
- recommended for unstable mains voltage (140...260 V)
- **smoothes out voltage fluctuations**
- protects household appliances from failure
- **ensures their continuous operation** even under extreme voltage conditions
- stepwise voltage regulation
- **adjustable reset delay**
- colour status indicator
- **dual voltmeter**
- output: socket with protective contact
- child lock in the power socket
- protection against excessive voltage
- protection against too low voltage
- overload protection
- protection against overheating
- circuit protection
- power supply with mains connection cable
- thin, **wall-mountable**
- size / weight: 280 x 165 x 70 mm / 3,4 kg
- (Does not bypass power failure, recommended type: UPS 1000, SAIC1000TS)

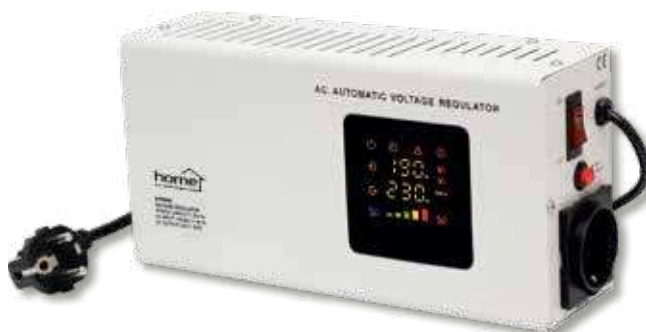


AVR500S

VOLTAGE STABILIZER

AC AUTOMATIC VOLTAGE REGULATOR, WITH RELAY

- for household appliances (**500 VA**)
- recommended for unstable mains voltage (140...260 V)
- **smoothes out voltage fluctuations**
- protects household appliances from failure
- **ensures their continuous operation** even under extreme voltage conditions
- stepwise voltage regulation
- **adjustable reset delay**
- colour status indicator
- **dual voltmeter**
- output: socket with protective contact
- child lock in the power socket
- protection against excessive voltage
- protection against too low voltage
- overload protection
- protection against overheating
- circuit protection
- power supply with mains connection cable
- thin, **wall-mountable**
- size / weight: 260 x 130 x 80 mm / 1,9 kg
- (Does not bypass power failure, recommended type: UPS500, SAIC1000TS)



VTF1000VA

VOLTAGE CONVERTER

You can also operate products designed for 100-120V in countries with 220-240V networks, for example, a technical item bought in the USA can be used in Europe

- 230 V converts 110 V AC voltage
- **for household appliances**
- maximum load capacity: **1000 VA / 800 W**
- **for simultaneous operation of two devices**
- input: 230 V safety contact plug
- output: 2 pcs 110 V "USA" sockets with protective contact
- on/off switch, indicator LED
- efficient **toroid transformer**
- single phase, **pure sine wave**
- small, compact size
- rugged, metal housing
- overcurrent protection: replaceable fuse
- size / weight: 150 x 150 x 210 mm / 4,3 kg



VTF200VA

VOLTAGE CONVERTER

You can also operate products designed for 100-120V in countries with 220-240V networks, for example, a technical item bought in the USA can be used in Europe

- 230 V converts 110 V AC voltage
- **for household appliances**
- maximum load capacity: **200 VA / 160 W**
- **for simultaneous operation of two devices**
- input: 230 V safety contact plug
- output: 2 pcs 110 V "USA" sockets with protective contact
- on/off switch, indicator LED
- efficient **toroid transformer**
- single phase, **pure sine wave**
- small, compact size
- rugged, metal housing
- overcurrent protection: replaceable fuse
- size / weight: 125 x 100 x 180 mm / 1,8 kg





MSC20W

PORTABLE SOLAR CHARGER

- for products requiring USB charging, such as phones, tablets, lamps, speakers, headphones, notebooks, power banks
- **USB-A + USB-C (PD) + DC charging socket for three devices at the same time**
- USB 5V / 9V / 12V / **max. 20 W**
- environmentally friendly charger: **only light is needed to operate**
- does not contain batteries
- ETFE textile laminate technology: more stable, **more durable**, better
- **more efficient** charging, better heat dissipation, **self-cleaning** surface, more resistant to environmental influences, longer life
- efficient **monocrystalline** solar cells
- charging indicator LED
- space-saving, **foldable**, portable
- can be hung with rings, quickly fixed
- 2 spring carabiners included
- size: 760 x 285 x 16 mm / 190 x 285 x 30 mm / 920 g



MSC10W

PORTABLE SOLAR CHARGER

- for products requiring USB (5V) charging, such as phones, tablets, lamps, speakers, headphones, notebooks, power banks
- **2 x USB-A charging sockets for two devices at the same time**
- max. 5V / 2 A / **max. 10 W**
- environmentally friendly charger: **only light is needed to operate**
- does not contain batteries
- ETFE textile laminate technology: more stable, **more durable**, better
- **more efficient** charging, better heat dissipation, **self-cleaning** surface, more resistant to environmental influences, longer life
- efficient **monocrystalline** solar cells
- charging indicator LED
- space-saving, **foldable**, portable
- can be hung with rings, quickly fixed
- 2 spring carabiners included
- size: 375 x 295 x 16 mm / 185 x 295 x 20 mm / 490 g



SA65PPS

2IN1 USB GaN SUPER FAST CHARGER

- compatible with three fast charging standards
- the latest GaN technology ensures efficient charging with **small size and less heat**
- USB-A output: **QC** compatible fast charger
- USB-C output: **PPS** and **PD** compatible fast charger
- also works as a traditional charger
- for charging two devices simultaneously
- PRI: 100-240 V~ 50/60 Hz 1,5 Amax.
- USB-C: (PD) 5 V / 3 A (15,0 W), 9 V / 3,0 A (27,0 W), 12 V / 3,0 A (36,0 W), 15 V / 3,0 A (45 W), 20 V / 3,25 A (65,0 W)
- (PPS) 3,3 - 11,0 V / 5,0 A (55,0 Wmax.)
- USB-A: (QC) 5 V / 3 A (15,0 W), 9 V / 2 A (18,0 W), 12 V / 1,5 A (18,0 W)
- USB-C + USB-A: 45 W + 18 W (63,0 Wmax.)
- Total power: **65 Wmax.**



SA20PPS

2IN1 USB GaN FAST CHARGER

- compatible with three fast charging standards
- the latest GaN technology ensures efficient charging with a small size and less heat
- USB-A output: **QC** compatible fast charger
- USB-C output: **PPS** and **PD** compatible fast charger
- also works as a traditional charger
- for charging two devices simultaneously
- PRI: 100-240 V~ 50/60 Hz 0,6 Amax.
- USB-C: (PD) 5 V / 3 A (15,0 W), 9 V / 2,22 A (20,0 W), 12 V / 1,67 A (20,0 W)
- (PPS) 5,0-11,0 V / 1,8 A (19,8 Wmax.)
- USB-A: (QC) 5 V / 3 A (15,0 W), 9 V / 2 A (18,0 W), 12 V / 1,5 A (18,0 W)
- USB-C + USB-A: 5 V / 3 A (15,0 Wmax.)
- Total power: **20 Wmax.**



NBC 65W

UNIVERSAL USB-C FAST CHARGER

- ideal for mobile devices: **notebooks, mobile phones, tablets, earphones and headphones, sound boxes**
- compatible with both conventional and PD devices
- **GaN technology**: smaller, lighter, more efficient
- maximum capacity: **65 Watt**
- with an approx. 1.7 m charger cable
- PRI: 100-240 V~ / 50-60 Hz / 1,5 Amax.
- SEC USB-C (PD65W): 5 V / 3 A, 9 V / 3 A, 12 V / 3 A, 15 V / 3 A, 20 V / 3,25 A



SA 2000MU

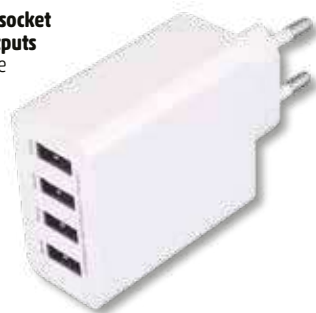
MAINS ADAPTER, MICROUSB

- switching adapter
- ideal for devices with microUSB socket, 5 V DC, max. 2000 mA current consumption
- 100 cm connection cable

SA 50USB

ADAPTER WITH 4 PCS USB SOCKETS

- high current rapid charge: **3.1 A max. / socket**
- **4 pcs 5 V / 3,1 A SUM 5 A shared USB outputs**
- 4 devices can be charged at the same time
- input: 100-240 V~ / 50-60 Hz



SA 24USB

ADAPTER WITH 2 PCS USB SOCKETS

- **2 pcs 5 V / 2,4 A SUM 2,4 A divided USB output**
- 2 devices can be charged at the same time
- input: 100-240V~ / 50-60 Hz



NA 12P200

MAINS POWER ADAPTOR

- switching adapter
- ideal for 12 V DC equipment,
- up to **2000 mA** power consumption
- 140 cm connection cable



MW MD25

MAINS POWER ADAPTER, 3-12 V DC

- up to **2250 mA** power consumption
- adjustable voltage:
3 / 4,5 / 5 / 6 / 7,5 / 9 / 12 V
- LED indicator
- accessory: 6 connectors
with optional polarity adjustment



MW MC15N

MAINS POWER ADAPTER, 3-12 V DC

- up to **2100-1500 mA** power consumption
- adjustable voltage:
3 / 4,5 / 5 / 6 / 7,5 / 9 / 12 V
- LED indicator
- accessory: 6 connectors
with optional polarity adjustment



MW MB10N

MAINS POWER ADAPTER, 3-12 V DC

- up to **2000-1000 mA** power consumption
- adjustable voltage:
3 / 4,5 / 5 / 6 / 7,5 / 9 / 12 V
- LED indicator
- accessory: 6 connectors with optional
polarity adjustment
- EuP compatible



MW MA06N

MAINS POWER ADAPTER, 3-12 V DC

- up to **1000-600 mA** power consumption
- adjustable voltage:
3 / 4,5 / 5 / 6 / 7,5 / 9 / 12 V
- LED indicator
- accessory: 6 connectors
with optional polarity adjustment
- EuP compatible



MW MA06/G+

MAINS ADAPTER, 3-12 V DC

- ideal for 3-12 V devices **up to 600 mA current consumption**
- with fixed 2.5x5,5 mm connector
- adjustable voltage:
3 V 4.5 V 5 V 6 V 7.5 V 9 V 12 V
- LED indicator



NV 2100 USB

MAINS SOCKET WITH USB CHARGING SOCKETS

- 2 x USB charging socket, 5 V / **max. 2,1 A**
- grounded mains socket with child protection shutter
- 250 V ~ / 50 Hz / **max. 16 A / max. 3680 W**



SBC 2

BATTERY CHARGER

- **for charging Li-ion and Ni-Mh batteries**
- short circuit protection
- overvoltage protection
- reverse polarity detection
- power supply: **5 V** →, 2000 mA, microUSB cable,
accessory
- **Li-ion 3,7 V:** 10400, 14500, 16340, 17670, 18350,
18500,
18650, 26650
- **Ni-MH/Ni-Cd 3,7 V:** AA, AAA, AAAA, C
- charging current: Li-ion x1: **0.5 A / 1 A / 2 A**
Li-ion x2: **0.5 A / 1 A**
Ni-MH/Ni-Cd: **0.5 A**
- **power bank function**
- dimensions: 131 x 68.2 x 38.5 mm, weight: 109 g



LR6 24PK POWER PACK

AA BATTERY PACK

- alkaline
- pencil (AA)
- 1,5 V
- 24 pcs / box



maxell

MAXELL LR6

AA BATTERY

- alkaline
- pencil (AA)
- 1,5 V
- 4 pcs/blister



maxell

MAXELL LR03

AAA BATTERY

- alkaline
- mini pencil (AAA)
- 1,5 V
- 4 pcs/blister



maxell

MAXELL LR14

C BATTERY

- alkaline
- baby (C)
- 1,5 V
- 2 pcs/blister



maxell

MAXELL LR20

D BATTERY

- alkali battery
- goliath (D)
- 1,5 V
- 2 pcs/blister



maxell

LR03 24PK POWER PACK

AAA BATTERY PACK

- alkaline
- mini pencil (AAA)
- 1,5 V
- 24 pcs / box



maxell

MAXELL LR6 4+2

AA BATTERY

- alkaline
- pencil (AA)
- 1,5 V
- 6 pcs/blister



maxell

MAXELL LR03 4+2

AAA BATTERY

- alkaline
- mini pencil (AAA)
- 1,5 V
- 6 pcs/blister



maxell

MAXELL 6LR61

9 V BATTERY

- alkaline
- 9 V (6LR61) size
- 9 V
- 1 pc/blister



maxell

VARTA 3R12

FLAT BATTERY

- semi-durable
- flat battery (3R12)
- 4,5 V
- 1 pc/pack



MAXELL R6

AA BATTERY

- semi-durable
- pencil (AA)
- 1,5 V
- 4 pcs / pack



maxell

MAXELL R03

AAA BATTERY

- semi-durable
- mini pencil (AAA)
- 1,5 V
- 4 pcs/pack



maxell

MAXELL R14

C BATTERY

- semi-durable
- baby (C)
- 1,5 V
- 2 pcs/pack



maxell

MAXELL R20

D BATTERY

- semi-durable
- goliath (D)
- 1,5 V
- 2 pcs/pack



maxell

M 700AAA

ACCUMULATOR

- NiMH accumulator
- type (AAA)
- 1,2 V/700 mAh
- 4 pcs/blister



5703

ACCUMULATOR AAA RTU

- NiMH accumulator
- type (AAA)
- 1000 mAh
- RTU - Ready To Use - charged and ready to use
- 4 pcs/blister



VARTA

56706

ACCUMULATOR AA RTU

- NiMH accumulator
- type (AA)
- 2100 mAh
- RTU - Ready To Use - charged and ready to use
- 4 pcs/blister



VARTA

56733

ACCUMULATOR AAA

- NiMH accumulator
- type (AAA)
- 550 mAh
- ideal for solar products
- 2 pcs/blister



VARTA

56736

ACCUMULATOR AA

- NiMH accumulator
- type (AA)
- 800 mAh
- ideal for solar products
- 2 pcs/blister



VARTA

VARTA CR123

CR123 BATTERY

- lithium
- battery (CR123)
- 3 V
- 1 pc/blister



VARTA

MAXELL LR1

LR1 BATTERY

- alkaline
- LR1 size
- 1,5 V
- 5 pcs/blister



maxell

VARTA V23GA LR23

LR23 BATTERY

- alkaline
- battery (LR23)
- 12 V
- 1 pc/blister



VARTA

VARTA CR1220

BUTTON BATTERY

- lithium
- button battery (CR1220)
- 3 V
- 1 pc/blister



VARTA

MAXELL SR626SW

BUTTON BATTERY

- silver-oxide
- button battery SR626SW
- 1,55 V
- 1 pc/blister



maxell

ET 3

BATTERY TESTER

- for checking button cells, batteries and 9 V accumulators
- 1,5 V/ 9 V max.
- (AG, AAA, AA, C, D, 6LR61)
- simple, quick handling
- load testing
- dimensions: 110 x 60 x 25 mm



VARTA CR2450

BUTTON BATTERY

- lithium
- button battery (CR2450)
- 3 V
- 1 pc/blister



VARTA

VARTA CR2430

BUTTON BATTERY

- lithium
- button battery (CR2430)
- 3 V
- 1 pc/blister



VARTA

pict.	type	name	nature	dimensions	voltage	pcs / blister	pict.	type	name	nature	dimensions	voltage	pcs / blister
1	Maxell LR41	button battery	alkaline	LR41	1,5 V	10	5	Maxell CR1620	button battery	lithium	CR 1620	3 V	5
2	Maxell LR44	button battery	alkaline	LR44	1,5 V	10	6	Maxell CR2016	button battery	lithium	CR 2016	3 V	5
3	Maxell LR1130	button battery	alkaline	LR 1130	1,5 V	10	7	Maxell CR2025	button battery	lithium	CR 2025	3 V	5
4	Maxell CR1616	button battery	lithium	CR 1616	3 V	5	8	Maxell CR2032	button battery	lithium	CR 2032	3 V	5

RT 12120

LEAD BATTERY

- 12 V/12 Ah
- 151 x 98 x 95 mm
- closed construction
- **expected 5 years service time**
- areas of use:
alarm systems,
medical equipment,
uninterruptible power
sources, fire protection and
security systems,
children's electric vehicles



RT 1245E

LEAD BATTERY

- 12 V/4,5 Ah
- 90 x 70 x 101 mm
- closed construction
- **expected 5 years service time**
- areas of use:
alarm systems,
medical equipment,
uninterruptible power
sources, fire protection and
security systems,
children's electric vehicles



RT 1280

LEAD BATTERY

- 12 V/8 Ah
- 151 x 65 x 100 mm
- closed construction
- **expected 5 years service time**
- areas of use:
alarm systems,
medical equipment,
uninterruptible power
sources, fire protection and
security systems,
children's electric vehicles



RT 645

LEAD BATTERY

- 6 V/4,5 Ah
- 70 x 47 x 101 mm
- closed construction
- **expected 5 years service time**
- areas of use:
alarm systems,
medical equipment,
uninterruptible power
sources, fire protection and
security systems,
children's electric vehicles



3.100110

CAR USB CHARGER

TRIPLE USB CAR CHARGER MICRO USB CONNECTOR

- **simultaneously useable for 3 appliances**
- **it has 2 USB sockets and a pull-out Micro-USB connector**
- useable in 12-24 V vehicles
- input: 12-24 V DC
- output: 5 V DC / 3.1 A (divided)
- output connector:
2 x USB-A sockets, 1 x micro USB

q2power™
ENERGY WORLDWIDE



1.100100-TH

TRAVEL ADAPTER WORLD TO EUROPE

- standard of the country of departure: AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (unearthed only)
- socket standard of the country of destination: GS
- input voltage: 100-250 V
- max. load: 16 A
- output: 100 V - 1600 W / 250 V - 4000 W



1.100110-TH

TRAVEL ADAPTER WORLD TO EUROPE USB

- "World to Europe USB"
- extra USB connector on the product
- departure country standard: AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (ungrounded only)
- destination country connector standard: GS
- input voltage: 100-250 V
- max. load: 16 A
- power: 250 V - 4000 W
- USB 5V 2.4A



1.200100-TH

TRAVEL ADAPTER EUROPE TO UK

- can be used for devices with grounded GS connectors
- standard of the country of departure: GS
- destination country connector standard: UK
- input voltage: 100-250 V
- max. load: 7 A
- power: 100 V - 700 W / 250 V - 1750 W



1.200110TH

TRAVEL ADAPTER EUROPE TO USA

- useable with grounded GS connector devices
- standard of departure country: EUROPE
- standard of destination country: USA
- input voltage: 100-250 V
- max. load: 15 A
- output: 100 V - 1500 W / 250 V - 3750 W



1.100210

TRAVEL ADAPTER WORLD TO SWITZERLAND USB

- standard of departure country: AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (only ungrounded)
- standard of destination country: CH
- the product has an extra USB socket
- input voltage: 100 - 250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W



1.100190

TRAVEL ADAPTER WORLD TO ITALY USB

- standard of departure country: AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (only ungrounded)
- standard of destination country: IT
- the product has an extra USB socket
- input voltage: 100 - 250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W



1.200230

TRAVEL ADAPTER FRANCE TO SWITZERLAND

- standard of departure country: FR
- standard of destination country: CH
- input voltage: 100 - 250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W



1.200220

TRAVEL ADAPTER FRANCE TO AUSTRALIA/CHINA

- standard of departure country: FR
- standard of destination country: AUS/CHI
- input voltage: 100 - 250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W



Stanley - Innovative solutions

SXWTD-FT585

2-IN-1 FOLDING PLATFORM TRUCK / HAND TROLLEY

- **137/70 kg load capacity**
- **can be opened to a hand truck, and formed to hand trolley in seconds**
- **when folding to plate, all the 4 wheels fold**
- can be stored in a small place, behind furniture, under bed
- **easy to transport when folded**
- heavy-duty parts made of nylon, the other plastic components are made of polypropylene
- the frame material is steel, the loading surface is aluminium
- **ball bearing plastic wheels with rubber tread**
- weight: 7,3 kg
- dimensions **folded: 39 x 64 x 12 cm**
- platform truck: 45 x 78 x 92 cm
- loading surface: 39 x 57 cm
- hand trolley: 45 x 41 x 134 cm
- wheel size: Ø12,6 cm and Ø8,7 cm



VIDEO



SXWTD-FT580

FOLDING HAND TROLLEY

- **70 kg load capacity**
- **can be opened or folded to plate in seconds**
- when folding to plate, its wheels fold
- easy to use, strong rubber cord cord to secure the load
- can be stored in a small place, behind furniture, under bed
- **easy to transport when folded**
- heavy-duty parts made of nylon, the other plastic components are made of polypropylene
- **the material of the frame and the loading surface is steel**
- plastic wheels with rubber tread
- weight: 3,9 kg
- dimensions **folded: 39 x 6 x 73 cm**
- unfolded: 40 x 41 x 73 cm
- loading surface: 39 x 29 cm
- wheel size: Ø12,7 cm and Ø4 cm



SXWTD-PC527

FOLDING STEEL TROLLEY

- **150 kg load capacity**
- **quick unfolding and folding**
- steel frame and handle
- **ball bearing mounted wheels**
- **weight: 7,8 kg**
- dimensions:
- folded: 73,5 x 47 x 23 cm
- unfolded: 73,5 x 47 x 83 cm
- platform size: 73,5 x 47 cm



SXWTD-FT584

FOLDING, STAIR-CLIMBER HAND TROLLEY

- **60 kg load capacity**
- **can be opened or folded to plate in seconds**
- when folding to plate, its wheels fold
- **2 x 3 pcs wheels for taking the stairs, to overcome thresholds, paving stones and other obstacles easily**
- easy to use, strong rubber cord cord to secure the load
- can be stored in a small place, behind furniture, under bed
- **easy to transport when folded**
- heavy-duty parts made of nylon, the other plastic components are made of polypropylene
- the frame material is steel, the loading surface is aluminium
- plastic wheels with rubber tread
- weight: only 4,0 kg
- dimensions **folded: 39 x 6 x 73 cm**
- unfolded: 40 x 40 x 102 cm
- loading surface: 39 x 27 cm
- wheel size: Ø5,6 cm and Ø2,5 cm



SXWTD-FT505

FOLDING BASKET

- 25 kg load capacity
- 50 liters capacity
- **can be opened or folded in seconds**
- can be stacked unfolded due to special connection points, even when folded
- fits stably on the platform of the "Platform Truck"
- weight: 2 kg
- dimensions **folded: 56,8 x 41 x 7,5 cm**
- unfolded: 56,8 x 41 x 27 x 2 cm



SXECCM2FESE

OUTDOOR METAL CABLE REEL

- built-in cable guide/brake
- the cable can simply be unwinded, then fixed
- the sockets in the middle of the cable reel do not rotate
- massive metal reel, base and handle
- IP44 protection
- for indoor and outdoor use
- H07RN-F 3G2,5 mm² cable
- 3000 W
- 25 m



OUTDOOR METAL CABLE REEL

- built-in cable guide/brake
- the cable can simply be unwinded, then fixed
- the sockets in the middle of the cable reel do not rotate
- massive metal reel, base and handle
- IP44 protection
- for indoor and outdoor use
- H07RN-F 3G1,5 mm² cable
- max. 3000 W



SXECCM2FAVE

- 40 m

SXECCM2FASE

- 25 m



SXECCL27ARE

OUTDOOR CABLE REEL

- built-in cable guide/brake
- the cable can simply be unwinded, then fixed
- the sockets in the middle of the cable reel do not rotate
- massive metal reel, base and handle
- IP44 protection
- for indoor and outdoor use
- 20 m cable, H07RN-F 3G1,5 mm²
- max. 3000 W



INDOOR CABLE REEL

- built-in cable guide/brake
- the cable can simply be unwinded, then fixed
- the sockets in the middle of the cable reel do not rotate
- massive metal reel, base and handle
- IP44 protection
- for indoor and outdoor use
- H05VV-F 3G1,5 mm² cable
- max. 3000 W



SXECCL26BVE

- 40 m

SXECCL26BSE

- 25 m





SXECCH2LAFE

4-SOCKET DISTRIBUTOR WITH SWITCH, CLIPPABLE

- with its massive aluminium clip, it can be fixed on tabletop, ladder
- with black wire
- **IP44 protection**
- for indoor and outdoor use
- 3 m cable, H07RN-F 3G1,5 mm²



SXECCR91A3E

EXTENSION CORD

- with black wire
- **IP44 protection**
- for indoor and outdoor use
- 25 m cable, H07RN-F 3G1,5 mm²



SXECCR91A1E

- 10 m cable, H07RN-F 3G1,5 mm²



SXECCDORAJE

4-SOCKET DISTRIBUTOR WITH SWITCH, HANGABLE

- massive, aluminium housing
- with foldable, massive plastic hook
- with high visibility yellow cable
- **IP44 protection**
- for indoor and outdoor use
- 5 m cable, H07RN-F 3G1,5 mm²



SXECCCKOEAJE

2-SOCKET DISTRIBUTOR, WITH BELT CLIP

- massive aluminium housing
- with plastic belt clip
- with black wire
- **IP44 protection**
- for indoor and outdoor use
- 5 m cable, H07RN-F 3G1,5 mm²



SXECCR91E2E

EXTENSION CORD

- with black wire
- 3 x 2,5 mm² wire
- **IP44 protection**
- for indoor and outdoor use
- 20 m cable, H07RN-F 3G2,5 mm²



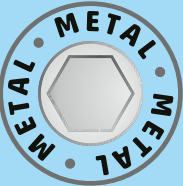
Cable reel, power distributor, extension cord, accessory

HJRM2025

OUTDOOR CABLE REEL WITH 25 m WIRE

- with overheating protected switch
- **H07RN-F 3G2,5 mm² kábel, IP44 outdoor design**
- 250 V~, max. 16 A
- wound up max. 1000 W
- unwound max. 3000 W
- 25 m

Metal base, metal reel, rubber cable!



HJRM 10-50

OUTDOOR CABLE REEL WITH 50 m WIRE

- with overheating protected switch
- with fixed, non-rotating sockets
- **H07RN-F 3G1,5 mm² cable, IP44 outdoor design**
- 250 V~, max. 13 A
- wound up max. 1000 W
- unwound max. 3000 W
- 50 m

Metal base, metal reel, rubber cable!



HJR 10 SERIES

CABLE REEL WITH 25/30/50 m RUBBERED CABLE

- can be used also if cable is coiled
- 4 shockproof sockets with lid
- reset button to cancel the released thermal protection
- for outdoor use as well

With metal base, rubber cable!



type	cable, design	length	load capacity
HJR 10-50	H07RN-F 3G1,5 mm² cable, IP44 outdoor design	50 m	250 V~ / max. 1000 W - wound up / max. 3000 W - unwound
HJR 10-30	H07RN-F 3G1,5 mm² cable, IP44 outdoor design	30 m	250 V~ / max. 1000 W - wound up / max. 3000 W - unwound
HJR 10-25/1,0	H05RR-F 3G1,0 mm² cable, IP44 outdoor design	25 m	250 V~ / max. 900 W - wound up / max. 2300 W - unwound
HJR 10-25/2,5	H05RR-F 3G2,5 mm² cable, IP44 outdoor design	25 m	250 V~ / max. 1300 W - wound up / max. 3600 W - unwound

cable reel, distributor, extension cord, accessory

HJR 24-30

CABLE REEL WITH 27+3 M CABLE

We recommend this product in cases when you don't want to place the cable reel next to the equipment to be operated.

- **H05VV-F 3G1,0 mm² cable, IP20 design**
- 27 + 3 meter cable on the big and small rewinder reel
- 250 V~ / max. 900 W - wound up / max. 2300 W - unwound
- pipe-shape plug and straight free standing socket on cable ends
- reset button to cancel the released thermal protection

With metal base!



HJR 4-50

CABLE REEL WITH 25/40/50 M CABLE

- can be used also if cable is coiled
- pipe-shape plugs, 4 shockproof sockets
- restorer button to delete the deployed thermal protection
- **H05VV-F 3G1,5 mm² cable, IP20 design**
- with 50 m cable
- 250 V~ / max. 1000 W - wound up / max. 3000 W - unwound

With metal base!



HJR 4-40

- **H05VV-F 3G1,0 mm² cable, IP20 design**
- with 40 m cable
- 250 V~ / max. 900 W - wound up / max. 2300 W - unwound

HJR 4-25

- **H05VV-F 3G1,0 mm² cable, IP20 design**
- with 25 m cable
- 250 V~ / max. 900 W - wound up / max. 2300 W - unwound

HJR 4-25/1,5

- **H05VV-F 3G1,5 mm² cable, IP20 design**
- with 25 m cable
- 250 V~ / max. 1000 W wound up / max. 3000 W unwound

HJR 3-20

CABLE REEL WITH 20 M CABLE

- **H05VV-F 3G1,0 mm² cable, IP20 design**
- 250 V~ / max. 1000 W - wound up / max. 2300 W - unwound
- pipe-shape plug, 4 shockproof sockets
- reset button to cancel the released thermal protection

With plastic holder!



HJR 3-10

CABLE REEL WITH 10 M CABLE

- **H05VV-F 3G1,0 mm² cable, IP20 design**
- 250 V~ / max. 1000 W - wound up / max. 2300 W - unwound
- pipe-shape plug, 4 shockproof sockets
- restorer button to delete the deployed thermal protection

With plastic holder!



NV 8V3 SERIES

OUTDOOR EXTENSION CORD

- AT-N07V3V3-F 3G1,5 mm² cable
- flexible at -35 °C even
- highly resistant to mechanical impacts, wear resistant
- oil and UV resistant
- IP44 protection
- 230 V~ / max. 16 A / max. 3680 W

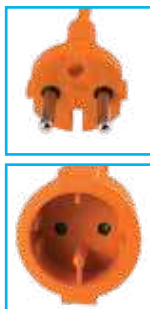


type	length
NV 8V3-25	25 m
NV 8V3-15	15 m

NV 4-20/OR/1,5

TWO-WIRE EXTENSION CORD

- for use in dry conditions (IP20)
- H05VV-F 2 x 1,5 mm² cable
- 250 V~ / 16 A / 3680 W
- use it only with devices that do not require earthing
- 20 m



NV 12 SERIES

POWER STRIP WITH CONTACT PROTECTION

- 5 m H03VVH2-F 2x0,75 mm² cable
- 250 V~ / 2,5 A / max. 575 W



type	color
NV 12-5/WH	white
NV 12-5/BK	black

NV CR

CABLE ORGANIZER FOR EXTENSION CORDS



NV 7 SERIES

EXTENSION CORD

- H07RN-F 3G1,5 mm² cable, IP44 outdoor design
- lid on the socket



type	cable, design	length
NV 7-10/GY	250 V~ / 16 A / 3500 W	10 m
NV715BK	250 V~ / 16 A / 3500 W	15 m
NV 7-20/GY	250 V~ / 16 A / 3500 W	20 m
NV725BK	250 V~ / 16 A / 3500 W	25 m
NV 7-30/GY	250 V~ / 16 A / 3500 W	30 m

NV 2 SERIES

EXTENSION CORD

- pipe-shape plug and straight free standing socket on cable ends
- 250 V~ / 16 A / 3680 W



pic.	type	cable, design	length	color
1	NV 2-3/WH/1,5	H05VV-F 3G1,5 mm ² cable, IP20	3 m	white
1	NV 2-5/WH/1,5	H05VV-F 3G1,5 mm ² cable, IP20	5 m	white
2	NV 2-5/OR/1,5	H05VV-F 3G1,5 mm ² cable, IP20	5 m	orange
3	NV 2-5/GR/1,5	H05VV-F 3G1,5 mm ² cable, IP20	5 m	green
1	NV 2-10/WH/1,5	H05VV-F 3G1,5 mm ² cable, IP20	10 m	white
2	NV 2-10/OR/1,5	H05VV-F 3G1,5 mm ² cable, IP20	10 m	orange
3	NV 2-10/GR/1,5	H05VV-F 3G1,5 mm ² cable, IP20	10 m	green
1	NV 2-20/WH/1,5	H05VV-F 3G1,5 mm ² cable, IP20	20 m	white
2	NV 2-20/OR/1,5	H05VV-F 3G1,5 mm ² cable, IP20	20 m	orange
1	NV 2-30/WH/1,5	H05VV-F 3G1,5 mm ² cable, IP20	30 m	white
2	NV 2-30/OR/1,5	H05VV-F 3G1,5 mm ² cable, IP20	30 m	orange

NVO 05K SERIES

POWER DISTRIBUTOR WITH SWITCH

- fitted with 5 childproof sockets
- **IP44 outdoor design**
- 250 V~ / 50 Hz / **16 A / 3500 W**
- suitable for the safe use of outdoor devices
- lid for all sockets
- massive, solid rubber cable



type	cable	length
NVO 05K/BK	H05RR-F 3G1,0 mm ² kábel	1,5 m
NVO 05K-5/BK/1,5	H05RR-F 3G1,5 mm ² kábel	5 m

NVO 03K SERIES

POWER DISTRIBUTOR WITH SWITCH

- fitted with 3 childproof sockets
- **IP44 outdoor design**
- 250 V~ / 50 Hz / **16 A / 3500 W**
- suitable for the safe use of outdoor devices
- lid for all sockets
- massive, solid rubber cable



type	cable	length
NVO 05K/BK	H05RR-F 3G1,0 mm ² kábel	1,5 m
NVO 05K-5/BK/1,5	H05RR-F 3G1,5 mm ² kábel	5 m

NVL 4-5/BK/1,5

OUTDOOR DISTRIBUTOR WITH GROUND STICK

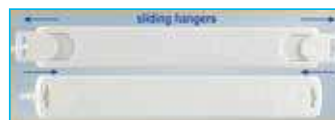
- **4 sockets with child protection**
- suitable for safely use of outdoor equipment
- closing cover for all sockets
- rugged, solid rubber cable
- outdoor design (IP44)
- 5 m **H07RN-F 3G1,5 mm²** cable
- 250 V~ / 50 Hz / 16 A / **max. 3680 W**



NVT 06K USB/WH

SURGE-PROTECTED POWER DISTRIBUTOR WITH USB CHARGING SOCKETS

- **6 sockets with child protection**
- suitable to protect household IT devices
- **surge protection** up to 4 kV
- **USB charging sockets**, 5 V~ / max. 2,1 A
- lighting main switch
- hanging, indoor design
- 1,4 m **H05VV-F 3G1,5 mm²**
- 250 V~ / 50 Hz / max. 16 A / **max. 3680 W**



NVT SERIES

SURGE-PROTECTED POWER DISTRIBUTOR WITH SWITCH

- fitted with childproof sockets
- **H05VV-F 3G1,5 mm² cable, IP20 design**
- suitable to protect household appliances
- **overload protection** up to 4500 A
- switch
- 250 V~ / 50 Hz / **16 A / 3500 W**



type	number of sockets	length
NVT 04K/WH	4	1,5 m
NVT 06K/WH	6	1,5 m

NVP SERIES

SURGE-PROTECTED POWER DISTRIBUTOR WITH SWITCH

- fitted with childproof sockets
- **H05VV-F 3G1,5 mm² cable, IP20 design**
- suitable to protect household appliances
- **overload protection** up to 4500 A
- switch
- 250 V~ / 50 Hz / **16 A / 3500 W**



type	number of sockets	length
NVP 03K/WH	3	2 m
NVP 06K/WH	6	2 m

NVT 4K SERIES

OVERVOLTAGE PROTECTED MAINS DISTRIBUTOR

- 4 sockets equipped with child protection
- suitable to protect household appliances
- overvoltage protected to 3 kV
- lighting main switch
- hangable, or can be secured with cable tie



NVT 4K/BK

- 1,5 m H05VV-F 3G1,0 mm² wire
- 230 V~ / 50 Hz / 16 A / 3680 W

NVT 4K-3/BK

- 3 m H05VV-F 3G1,5 mm² wire
- 230 V~ / 50 Hz / 16 A / 3680 W

NVT 6K SERIES

OVERVOLTAGE PROTECTED MAINS DISTRIBUTOR

- 6 sockets equipped with child protection
- suitable to protect household appliances
- overvoltage protected to 3 kV
- lighting main switch
- hangable, or can be secured with cable tie



NVT 6K/BK

- 1,5 m H05VV-F 3G1,0 mm² wire
- 230 V~ / 50 Hz / 16 A / 3680 W

NVT 6K-3/BK

- 3 m H05VV-F 3G1,5 mm² wire
- 230 V~ / 50 Hz / 16 A / 3680 W

NVE 3/USB

RECESSED POWER STRIP WITH USB CHARGING PORTS

- 3 grounded sockets with child protection
- can be built into or recessed into desks or workbenches
- can only be used indoor, under dry conditions
- cable length: 1.4 m
- 2 x USB charging ports:
5 V~ / 2,4 A TOTAL, max. 12 W
- 230 V~ / 50 Hz / max. 16 A / max. 3680 W



NV 4 USB

USB DISTRIBUTOR WITH TRAY

- storage trays can be attached to the distributor connected to the wall socket at the bottom and top
- 90° rotatable plug - so it can be connected to any wall socket
- 4 grounded sockets (230 V~ / max. 16 A / max. 3680 W)
- 4 USB charging sockets (5 V / total 2400 mA)



CUBE1

CUBE DISTRIBUTOR WITH USB CHARGER

- can be plugged into a socket
- 3 sockets with child protection
- 1 x USB-C, 2 x USB-A charging sockets
- with illuminated main switch
- USB: 5 V 2.4 A max. 12 W
- 230 V~ 50 Hz 16 A max. 3680 W
- size: 8 x 8 x 8 cm



CUBE2

CUBE DISTRIBUTOR WITH USB CHARGER AND WITH CABLE

- 1.5 m H05VV-F 3G1,0 mm² cable
- 3 sockets with child protection
- 1xUSB C, 2xUSB A charging sockets
- with anti-slip feet
- with illuminated main switch
- USB: 5 V 2.4 A max. 12 W
- 230 V~ 50 Hz 16 A max. 3680 W
- size: 8 x 8 x 8 cm



CUBE2P

CUBE WITH DISTRIBUTION CORD, CONSUMPTION METER

- with consumption meter: voltage, current and total consumption, energy cost, CO2 equivalent display
- adjustable energy unit price
- memory
- 1.5 m H05VV-F 3G1,5 mm² cable
- 3 sockets with child protection
- with anti-slip feet
- with illuminated main switch
- 230 V~ 50 Hz 16 A max. 3680 W
- size: 8 x 8.5 x 8 cm



NVK SERIES

POWER DISTRIBUTOR WITH SWITCH

- child-protected sockets
- 250 V~ / **16 A / 3500 W**
- individually switchable sockets
- total power cut with the main switch
- reset button to cancel the released thermal protection



picture	type	number of sockets	cable	length of cable	color
1	NVK 03K/WH	3	H05VV-F, 3G1,0 mm ²	1,5 m	white
1	NVK 03K-3/WH/1,5	3	H05VV-F, 3G1,5 mm ²	3 m	white
2	NVK 06K/WH	6	H05VV-F, 3G1,0 mm ²	1,5 m	white
2	NVK 06K-3/WH/1,5	6	H05VV-F, 3G1,5 mm ²	3 m	white

PNV SERIES

POWER DISTRIBUTOR WITH SWITCH

- child-protected sockets
- **H05VV-F 3G1,0 mm² cable, IP20 design**
- 250 V~ / **16 A / 3500 W**
- frame can be hung on the wall



picture	type	number of sockets	cable	length of cable	color
1	PNV 06K/WH	6	H05VV-F 3G1,0 mm ²	2 m	white
2	PNV 08K/WH	8	H05VV-F 3G1,0 mm ²	2 m	white
3	PNV 10K/WH	10	H05VV-F 3G1,0 mm ²	2 m	white

NV TK SERIES

SOCKET-OUTLET WITH FOOT SWITCH

- child-protected sockets
- 250 V~ / 16 A / 3500 W



picture	type	number of sockets	cable	length of cable	color
1	NV 06TK/WH	6	H05VV-F 3G1,0 mm ²	1,5 m	white
1	NV 06TK-5/WH/1,5	6	H05VV-F 3G1,5 mm ²	5 m	white
2	NV 04TK/WH	4	H05VV-F 3G1,0 mm ²	1,5 m	white
2	NV 04TK-5/WH/1,5	4	H05VV-F 3G1,5 mm ²	5 m	white

NV XK SERIES

POWER DISTRIBUTOR WITH SWITCH

- child-protected sockets
- **H05VV-F 3G** cable, **IP20** design
- 250 V~ / **16 A** / **3500 W**
- **two-pole** switch



5



6



7



8



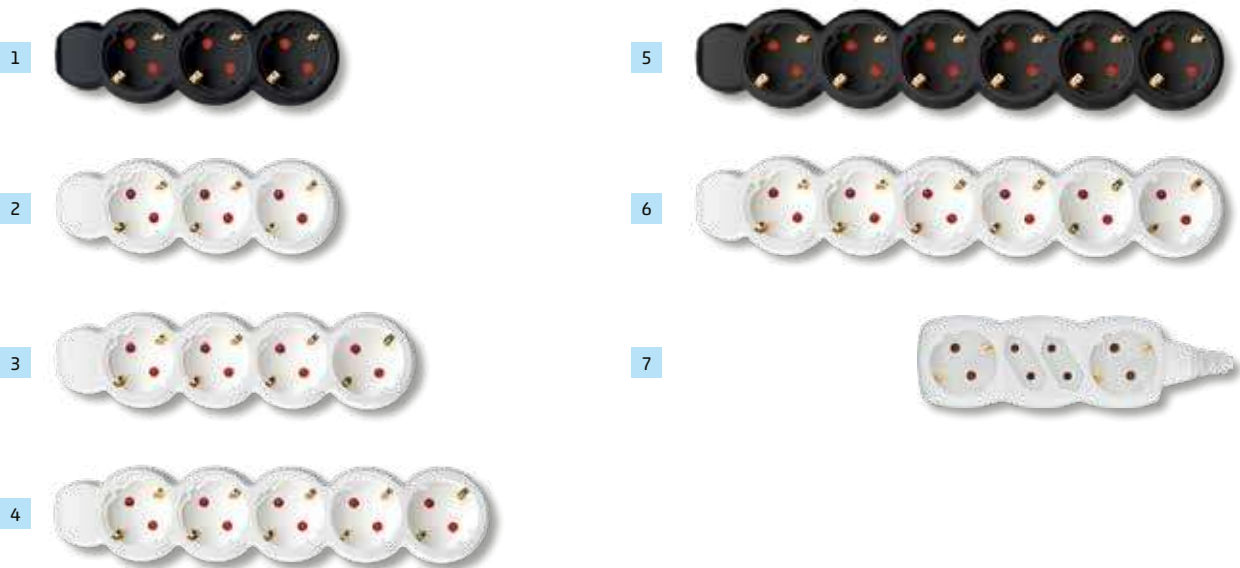
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picture	type	number of sockets	cable	length of the cable	color
1	NV 3K/BK	3	H05VV-F 3G1,0 mm ²	1,5 m	black
2	NV 3K/WH	3	H05VV-F 3G1,0 mm ²	1,5 m	white
2	NV 3K/WH/1,5	3	H05VV-F 3G1,5 mm ²	1,5 m	white
1	NV 3K-3/BK/1,5	3	H05VV-F 3G1,5 mm ²	3 m	black
3	NV 3K-3/GR/1,5	3	H05VV-F 3G1,5 mm ²	3 m	green
2	NV 3K-3/WH/1,5	3	H05VV-F 3G1,5 mm ²	3 m	white
3	NV 3K-5/GR/1,5	3	H05VV-F 3G1,5 mm ²	5 m	green
2	NV 3K-5/WH/1,5	3	H05VV-F 3G1,5 mm ²	5 m	white
2	NV 3K-10/WH/1,5	3	H05VV-F 3G1,5 mm ²	10 m	white
4	NV 4K/WH	4	H05VV-F 3G1,0 mm ²	1,5 m	white
4	NV 4K-3/WH/1,5	4	H05VV-F 3G1,5 mm ²	3 m	white
5	NV 5K/WH	5	H05VV-F 3G1,0 mm ²	1,5 m	white
5	NV 5K-3/WH/1,5	5	H05VV-F 3G1,5 mm ²	3 m	white
6	NV 6K/BK	6	H05VV-F 3G1,0 mm ²	1,5 m	black
7	NV 6K/WH	6	H05VV-F 3G1,0 mm ²	1,5 m	white
7	NV 6K/WH/1,5	6	H05VV-F 3G1,5 mm ²	1,5 m	white
6	NV 6K-3/BK/1,5	6	H05VV-F 3G1,5 mm ²	3 m	black
8	NV 6K-3/GR/1,5	6	H05VV-F 3G1,5 mm ²	3m	green
7	NV 6K-3/WH/1,5	6	H05VV-F 3G1,5 mm ²	3 m	white
8	NV 6K-5/GR/1,5	6	H05VV-F 3G1,5 mm ²	5 m	green
7	NV 6K-5/WH/1,5	6	H05VV-F 3G1,5 mm ²	5 m	white
7	NV 6K-10/WH/1,5	6	H05VV-F 3G1,5 mm ²	10 m	white
9	NV 17/WH	3 x sockets with protective contact - 4 x EURO sockets	H05VV-F 3G1,0 mm ²	1,5 m	white

NV SERIES

POWER DISTRIBUTOR
 - child-protected sockets
 - **H05VV-F 3G cable, IP20 design**
 250 V~ / **16 A / 3500 W**



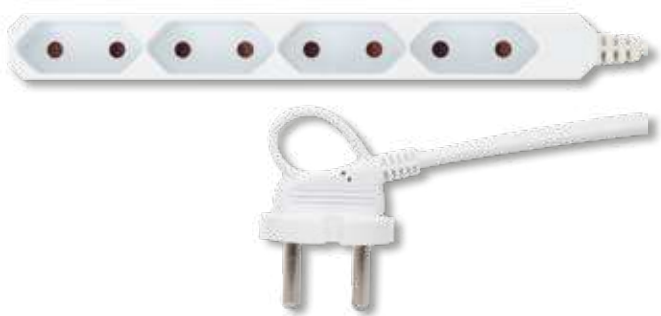
picture	type	number of sockets	cable	length of the cable	color
1	NV 3/BK	3	3 x 1,0 mm ²	1,5 m	black
2	NV 3/WH	3	3 x 1,0 mm ²	1,5 m	white
1	NV 3-3/BK/1,5	3	3 x 1,5 mm ²	3 m	black
2	NV 3-3/WH/1,5	3	3 x 1,5 mm ²	3 m	white
2	NV 3-5/WH/1,5	3	3 x 1,5 mm ²	5 m	white
3	NV 4/WH	4	3 x 1,0 mm ²	1,5 m	white
3	NV 4-3/WH/1,5	4	3 x 1,5 mm ²	3 m	white
4	NV 5/WH	5	3 x 1,0 mm ²	1,5 m	white
4	NV 5-3/WH/1,5	5	3 x 1,5 mm ²	3 m	white
5	NV 6/BK	6	3 x 1,0 mm ²	1,5 m	black
6	NV 6/WH	6	3 x 1,0 mm ²	1,5 m	white
5	NV 6-3/BK/1,5	6	3 x 1,5 mm ²	3 m	black
6	NV 6-3/WH/1,5	6	3 x 1,5 mm ²	3 m	white
6	NV 6-5/WH/1,5	6	3 x 1,5 mm ²	5 m	white
7	NV 14/WH	2 x grounded sockets – 2 x EURO sockets	3 x 1,0 mm ²	1,5 m	white

cable reel, distributor, extension cord, accessory



NV 4E SERIES

EURO POWER DISTRIBUTOR
 - 4 EURO child-protected sockets
 - **H05VVH2-F 2 x 0,75 mm²**
 - 250 V~ / **4 x 2,5 A / 2300 W**



NV 4E-3/WH

- 3 m

NV 4E-5/WH

- 5 m

KNV 04

MOUNTABLE KITCHEN DISTRIBUTOR

- 4 grounded sockets with child protection
- **stainless steel**
- can be fixed horizontally or vertically on wall, to corner, to counter, under upper cabinet
- fixing with self-adhesive velcro, or screws (screw not included)
- dimensions: 5,8 x 28,2 x 10,5 cm
- 250 V~ / 50 Hz / **max. 16 A / max. 3680 W**
- Only mountable with 3 x 1,5 mm² wires!



KNV 03/USB

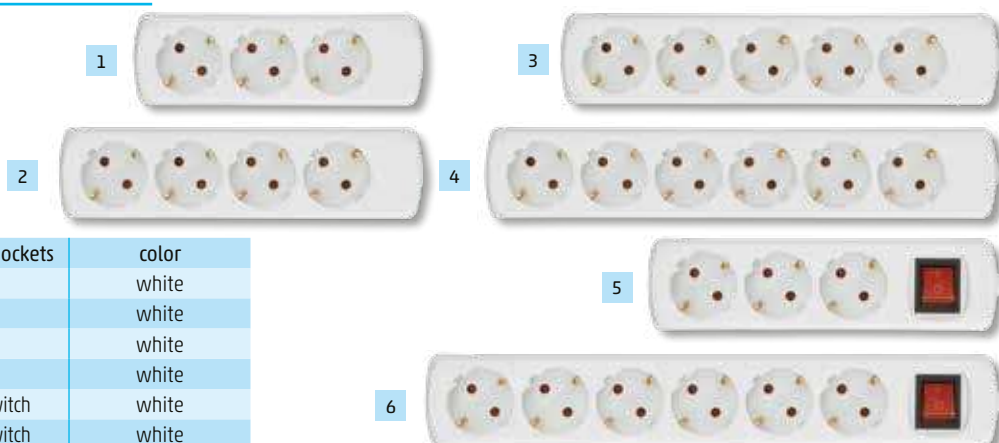
MOUNTABLE KITCHEN DISTRIBUTOR WITH USB SOCKETS

- 3 grounded sockets with child protection
- **stainless steel**
- can be fixed horizontally or vertically on wall, to corner, to counter, under upper cabinet
- fixing with self-adhesive velcro, or screws (screw not included)
- **2 x USB: 5 V --- / max. 2,4 A TOTAL**
- dimensions: 5,8 x 28,2 x 10,5 cm
- 250 V~ / 50 Hz / **max. 16 A / max. 3680 W**
- Only mountable with 3 x 1,5 mm² wires!



POWER DISTRIBUTOR, MOUNTABLE

- 250 V~ / **16 A / 3500 W**
- grounded sockets
- **the power distributors without switch can be hung on the wall**
- can only be mounted with 3 x 1,5 mm² cable



picture	type	number of sockets	color
1	NV 03	3	white
2	NV 04	4	white
3	NV 05	5	white
4	NV 06	6	white
5	NV 03K	3, with switch	white
6	NV 06K	6, with switch	white

NVK 1/WH

POWER OUTLET WITH SWITCH

- with child protection
- allows turning electric devices on and off safely
- **for indoor use (IP20)**
- 250 V~ / 50 Hz / **16 A / 3680 W**
- voltage-free only by pulling out the connection plug



NVK 3/WH

POWER OUTLET WITH SWITCH

- 3 sockets fitted with child protection
- allows turning electric devices on and off safely
- 2 euro + 1 grounded socket
- **for indoor use (IP20)**
- 250 V~ / 50 Hz / **16 A / 3680 W**
- voltage-free only by pulling out the connection plug



TPF 3K

POWER OUTLET WITH SWITCH PER SOCKET

- suitable for switching network devices on and off
- 3 grounded sockets
- with a separate single-pole switch for each socket
- 250 V~ / 50 Hz / **16 A / 3680 W**
- the device is only de-energized, when the plug is unplugged from the power source



NVT 1/WH

SURGE PROTECTED POWER OUTLET

- with child protection
- suitable to protect household appliances
- **surge protection up to 4500 A**
- **for indoor use (IP20)**
- 250 V~ / 50 Hz / 16 A / 3680 W



NVKO 1

OUTDOOR MAINS SOCKET WITH SWITCH

- suitable for switching network devices on and off
- with child protection
- with single-pole switch
- **for outdoor use (IP44)**
- 250 V~ / 16 A / **max. 3680 W**
- de-energised only when the plug is pulled out



TPF-26/GR

POWER DISTRIBUTOR T-SHAPE

- **3 grounded sockets** with child protection
- 250 V~ / max. 16 A / max. 3680 W
- green



TPF-26

POWER DISTRIBUTOR T-SHAPE

- **3 grounded sockets** with child protection
- 250 V~ / max. 16 A / max. 3680 W
- white



TPF-26/BK

POWER DISTRIBUTOR T-SHAPE

- **3 grounded sockets** with child protection
- 250 V~ / max. 16 A / max. 3680 W
- black



TPF-36

GROUNDING POWER DISTRIBUTOR T-SHAPE

- **3 grounded sockets** with child protection
- 250 V~ / max. 16 A / max. 3680 W



NV 131/WH

MAINS DISTRIBUTOR

- **1 grounded + 2 EURO sockets** with child protection
- 250 V~ / max. 16 A / max. 3680 W



NV 13/WH

POWER DISTRIBUTOR, 3 SOCKETS

- **1 grounded socket** with child protection (250 V~ / 16 A / 3680 W)
- **2 EURO sockets** (250 V~ / 2 x 2,5 A / 2 x 500 W)
- total max.: 250 V~ / 16 A / 3500 W



NV 23/WH

POWER DISTRIBUTOR

- **3 EURO sockets** with child protection
- 250 V~ / 3 x 2,5 A / 3 x 500 W



NV 24/WH

POWER DISTRIBUTOR

- **4 EURO sockets** with child protection
- 250 V~ / 4 x 2,5 A / 4 x 500 W



NV 1/WH

POWER DISTRIBUTOR

- **2 EURO sockets** with child protection
- 250 V~ / 2 x 2,5 A / 2 x 500 W



NV 22

POWER DISTRIBUTOR

- 2 grounded sockets with child protection
- 250 V~ / max. 16 A / max. 3680 W



NV 22-90

POWER DISTRIBUTOR

- 2 grounded sockets, rotated in 90° with child protection
- 250 V~ / max. 16 A / max. 3680 W



TPF3E

T DISTRIBUTOR

- 3 x EURO sockets
- 250 V~ / max. 3x2,5 A / max. 1725 W



0509135555

SOCKET LOCK WITH TWO KEYS

- suitable for securely locking the sockets of wall sockets, extension cords, distributors, cable drums
- only for grounded, GS standard sockets
- 2 numbered keys included



NV FP 2

GROUNDING PLUG, EXTRA FLAT

- 250 V~ / max. 16 A / max. 3680 W



0795S

GROUNDING PLUG WITH LIGHTING SWITCH

- white
- 250 V~ / max. 16 A / max. 3680 W



CHILD-PROOF SAFETY LOCK FOR MAINS OUTLET

- suitable for use in all sockets with protective ground contact
- prevent direct contact with the live components
- 6 pcs/pack

NV 10

- white

NV 10T

- transparent



NV 1K

ONE-POLE, IN-LINE SWITCH

- max. 4 A
- 2 x 0,75 mm²
- **for indoor use**
- for luminaires only
- Wiring can only be carried out by qualified personnel!
- 250 V~ / 50 Hz / max. 4 A / max. 920 W
- H03VVH2-F, 2x0,75 mm²



NV 1K/WH - white
NV 1K/BK - black

NED 1

GROUNDING PLUG WITH STRAIGHT CABLE OUTLET

- with flexible strain relief
- 250 V~ / max. 16 A / max. 3680 W



NED 1/WH - white
NED 1/BK - black

NPD 1

GROUNDING PLUG WITH CABLE LEADING ON THE SIDE

- with flexible strain relief
- 250 V~ / max. 16 A / max. 3680 W



NPD 1/WH - white
NPD 1/BK - black

NEA 1

GROUNDING SOCKET WITH STRAIGHT CABLE OUTLET

- with child protection
- with flexible strain relief
- 250 V~ / max. 16 A / max. 3680 W



NEA 1/WH - white
NEA 1/BK - black

NGD 01

GROUNDING PLUG WITH STRAIGHT CABLE OUTLET

- **for indoor and outdoor use**
- 250 V~ / max. 16 A / max. 3680 W



NGD 03

GROUNDING PLUG WITH STRAIGHT CABLE ROUTING

- **for out- and indoor use**
- 250 V~ / max. 16 A / max. 3680 W



NGD 02

GROUNDING PLUG WITH 45° CABLE OUTLET

- **for indoor and outdoor use**
- 250 V~ / max. 16 A / max. 3680 W



0142H

GROUNDING PLUG WITH CENTRAL CABLE ENTRY

- 10 A



NGA 01

GROUNDING SOCKET WITH 45° CABLE OUTLET

- with child protection
- **for indoor and outdoor use**
- 250 V~ / max. 16 A / max. 3680 W



NGA 02

GROUNDING DOUBLE SOCKET WITH STRAIGHT CABLE ROUTING

- with child protection
- **for out- and indoor use**
- 250 V~ / max. 16 A / max. 3680 W



NGA03

GROUNDING SWING SOCKET WITH STRAIGHT CABLE LINE

- **can be used both indoors and outdoors**
- 250 V~ / max. 16 A / max. 3680 W



N 1-2WH/VDE

POWER CABLE

- H03VVH2-F 2x0,75 mm²
- 250 V~ / 50 Hz / max. 2,5 A / max. 500 W
- 2 m
- white



N 2K-2/WH

POWER CABLE WITH SWITCH

- H03VVH2-F2x0,75 mm²
- 250 V~ / 50 Hz / max. 2 A / max. 460 W
- 2 m (1,5 m+0,5 m)
- with unipolar switch
- white



N 2K-2/BK

POWER CABLE WITH SWITCH

- H03VVH2-F2x0,75 mm²
- 250 V~ / 50 Hz / max. 2 A / max. 460 W
- 2 m (1,5 m+0,5 m)
- with unipolar switch
- black



N 1/VDE

POWER CABLE

- H03VVH2-F 2x0,75 mm²
- 250 V~ / 50 Hz / max. 2,5 A / max. 500 W
- 1,5 m



N 11/VDE

POWER CABLE

- H03VVH2-F 2x0,5 mm²
- 250 V~ / 50 Hz / max. 2,5 A / max. 500 W
- 1,5 m



N 2/VDE

POWER CABLE

- H03VVH2-F 2x0,75 mm²
- 250 V~ / 50 Hz / max. 2,5 A / max. 500 W
- 1,5 m
- with tinned end



N 5

POWER CABLE

- grounded
- H05VV-F 3G0,75 mm²
- 250 V~ / 50 Hz / max. 6 A / max. 1380 W
- 2 m



N 7

POWER CABLE

- grounded
- H05VV-F 3G0,75 mm²
- 250 V~ / 50 Hz / max. 6 A / max. 1380 W
- 2 m



N 8-3/1,5

POWER CABLE

- IP44 connector plug
- grounded
- H05RR-F 3G1,5 mm² rubber cable
- 250 V~ / 50 Hz / max. 16 A / max. 3680 W
- 3 m



N 8-5/1,5

POWER CABLE

- IP44 connector plug
- grounded
- H05RR-F 3G1,5 mm² rubber cable
- 250 V~ / 50 Hz / max. 16 A / max. 3680 W
- 5 m



N 10-3/1,0

POWER CABLE

- IP44 connector plug
- H05RN-F 2 x 1,0 mm² rubber cable
- 250 V~ / 50 Hz / max. 10 A / max. 2300 W
- 3 m



N 10-5/1,0

POWER CABLE

- IP44 connector plug
- H05RN-F 2 x 1,0 mm² rubber cable
- 250 V~ / 50 Hz / max. 10 A / max. 2300 W
- 5 m



TH02311

REMOTE CONTROLLABLE OUTDOOR POWER SOCKET SET

- range in open terrain: 40 m
- radio connection: 433.92 MHz
- **IP44, protection against splashing water**
- easily trainable socket
- a remote control can control sockets of 3 groups (A, B, C)
- ALL ON/OFF buttons for simultaneous control of all sockets
- LED indicator
- remote control power supply: 1 x 3 V (CR2032) battery, included
- 230 V~ / 50 Hz / max. 10 A / **max. 2300 W**



TH02313

REMOTE CONTROLLABLE OUTDOOR POWER SOCKET SET

- 3 remote controllable power sockets with remote control
- range in open terrain: 40 m
- radio connection: 433.92 MHz
- **IP44, protection against splashing water**
- easily trainable socket
- a remote control can control sockets of 3 groups (A, B, C)
- ALL ON/OFF buttons for simultaneous control of all sockets
- LED indicator
- remote control power supply: 1 x 3 V (CR2032) battery, included
- 230 V~ / 50 Hz / max. 10 A / **max. 2300 W**



TH2300

REMOTE CONTROLLABLE MINI SOCKET

- range in open terrain: 40 m
- radio connection: 433.92 MHz
- can be used in dry, indoor conditions
- **the socket can be easily taught to the remote control of the TH2311, TH2313 sets**
- LED indicator
- 230 V~ / 50 Hz / max. 10 A / **max. 2300 W**



TH2311

REMOTE CONTROLLABLE MINI SOCKET SET

- Remote controllable mini power outlet with remote control
- range in open terrain: 40 m
- radio connection: 433.92 MHz
- can be used in dry, indoor conditions
- **easily teachable socket**
- a remote control can control sockets of 3 groups (A, B, C)
- ALL ON/OFF buttons for simultaneous control of all sockets
- LED indicator
- remote control power supply: 1 x 3 V (CR2032) battery, included
- 230 V~ / 50 Hz / max. 10 A / **max. 2300 W**



TH2313

REMOTE CONTROLLABLE MINI SOCKET SET

- Remote controllable mini power outlet with remote control
- range in open terrain: 40 m
- radio connection: 433.92 MHz
- can be used in dry, indoor conditions
- **easily teachable socket**
- a remote control can control sockets of 3 groups (A, B, C)
- ALL ON/OFF buttons for simultaneous control of all sockets
- LED indicator
- remote control power supply: 1 x 3 V (CR2032) battery, included
- 230 V~ / 50 Hz / max. 10 A / **max. 2300 W**



TH 3000

REMOTE CONTROLLABLE SOCKET

- operating range in open terrain: 40 m
- radio connection: 433.92 MHz
- **easy to pair** with the remote control of TH0 111 and TH0 113
- LED indicator
- 230V~/50 Hz / max. 13 A / **max. 3000 W**



THO 1

REMOTE CONTROLLABLE OUTDOOR MAINS SOCKET

- range in open area: 40 m
- radio connection: 433,92 MHz
- 230 V / max 1000 W
- **IP44, protected against splashing water**
- easy to pair with the remote control of TH0 111 and TH0 113
- LED indicator



EM 04

CONSUMPTION METER

- continuously verifiable consumption and costs
- wide ranges of measurement with high accuracy
- **output, voltage, amperage, frequency, consumption, display of costs**
- operating time measurement
- display of maximum and minimum consumption
- warning in case of overload
- memory
- 250 V~ / 50 Hz / 16 A / **3680 W**



NVS 32 PRO

SMART CONSUMPTION METER DISTRIBUTOR

- **The grounded sockets can be controlled separately by SMART LIFE (WiFi) via application: on-off, timing, countdown, monitoring of energy consumption**
- 2 grounded sockets with child protection (230 V~ 50 Hz)
- Wi-Fi: 2.4 GHz 802.11 b/g/n, 1T1R; <1 mW



NVK SWITCH

WIRELESS LAMP SWITCH

NEVER NEEDS BATTERY, RELIABLE OPERATION EVEN WHEN COLD

- maximum output: 230 V~ / 3000 W / 13 A
- for switching resistive load (e.g. lamp)
- **small, built in switch module**
- on/off switch on the module as well
- up to 8 push-buttons can be paired with it
- memory in case of power failure
- highly water resistant push-button
- **operating range in open terrain: ~100 m**
- operating frequency 433,92 MHz
- **push-button power supply: kinetic energy**
- switch module power supply: 230 V~ / 50 Hz / 0,3 Wmax.
- push-button / module: 50 x 82 x 22 mm / 28 x 55 x 19 mm



NVKP 01

BATTERY FREE REMOTE SWITCH

- **to expand bells and network switches**
- to replace old remote switches
- to expand systems
- battery never needed
- reliable operation even in cold
- high resistance to water
- can be paired with multiple receivers and up to several remote controls for one receiver (8)
- operating range in open terrain: ~100 m
- operation frequency 433,92 MHz
- dimensions: 50 x 82 x 22 mm
- **COMPATIBLE:** DBK 1200AC, DBKS 1200AC, NVK SWITCH, NVK 3 SWITCH



0743H

DIGITAL INDOOR WEEKLY TIMER CLOCK

- max.: 98 off-on switching/week
- countdown and random switching
- **max.: 3680 W**
- 230 V~ / 50 Hz



0768H

MECHANICAL OUTDOOR TIMER CLOCK, 24 M / 30 MIN

- 30 minute intervals
- daily recurring connections
- **IP44 outdoor design**
- 250 V~ / 16 A / **3500 W**



0760S

MECHANICAL INDOOR TIMER

- **30 minute intervals**
- manual switch on function
- **daily repeated programmes**
- 250 V~ / 16 A / **3680 W**



TD 011

DIGITAL INDOOR WEEKLY TIMER

- **daily 9 programs, in 15 kinds of day combination, with weekly repeating**
- 1 sec. minimum intervals
- memory protection with built-in accumulator
- 250 V~ / 16 (2) A / **3680 W**



TG 3

MECHANICAL INDOOR TIMER

- **24-hour programmable, continuous, 15 minute intervals**
- **daily repeated programmes**
- manual switch on function
- indicator LED
- 250 V~ / 16 A / **3680 W**



SURFACE MOUNTED SWITCH FAMILY



pic.	type	denomination, features	pic.	type	denomination, features
1	9870H	Toggle switch, 10 A, IP54, grey, 92 x 65 x 55 mm	5	9875H	Chandelier switch, 2 rockers, 10 A, IP54, grey, 92 x 65 x 55 mm
2	9871H	Plug, 1 socket, 16 A, IP54, grey, 92 x 65 x 55 mm	6	9876H	Toggle switch, 1 rocker, 10 A, IP54, gray, with indicator light, 92 x 65 x 55 mm
3	9872H	Plug, 2 sockets, 16 A, IP54, grey, 92 x 127.5 x 55 mm	7	9877H	Push switch, 1 rocker, 10 A, IP54, gray, with indicator light, 92 x 65 x 55 mm
4	9873H	Toggle switch and plug, 1 socket, 1 rocker, horizontal, 10 A / 16 A, IP54, grey, 92 x 127.5 x 55 mm	8	9878H	Changeover switch and socket, 1 rocker, 1 socket, vertical, 10 A / 16 A, IP54, grey, 184 x 65 x 55 mm

AQUATOP IP54

SURFACE-MOUNTED OUTDOOR PRODUCTS



pic.	type	denomination, features	pic.	type	denomination, features
1	22111	Grounded electric outlet, outdoor IP44 design, white-smoke, 230 V~ / 50 Hz / 16 A	4	22031	Chandelier switch, outdoor IP44 design, white, 230 V~ / 50 Hz / 10 A
2	22121	Double grounded electric outlet, outdoor IP44 design, white-smoke, 230 V~ / 50 Hz / 16 A	5	22041	Changeover switch, outdoor IP44 design, white, 230 V~ / 50 Hz / 10 A
3	22131	Triple grounded electric outlet, outdoor IP44 design, white-smoke, 230 V~ / 50 Hz / 16 A	6	22081	1-pole switch, outdoor IP44 design, white, 230 V~ / 50 Hz / 10 A
			7	22061	Push switch with bell symbol, outdoor IP44 design, white, 230 V~ / 50 Hz / 10 A
			8	22181	2-pole switch, outdoor IP44 design, white, 230 V~ / 50 Hz / 10 A

AQUASTAR IP44

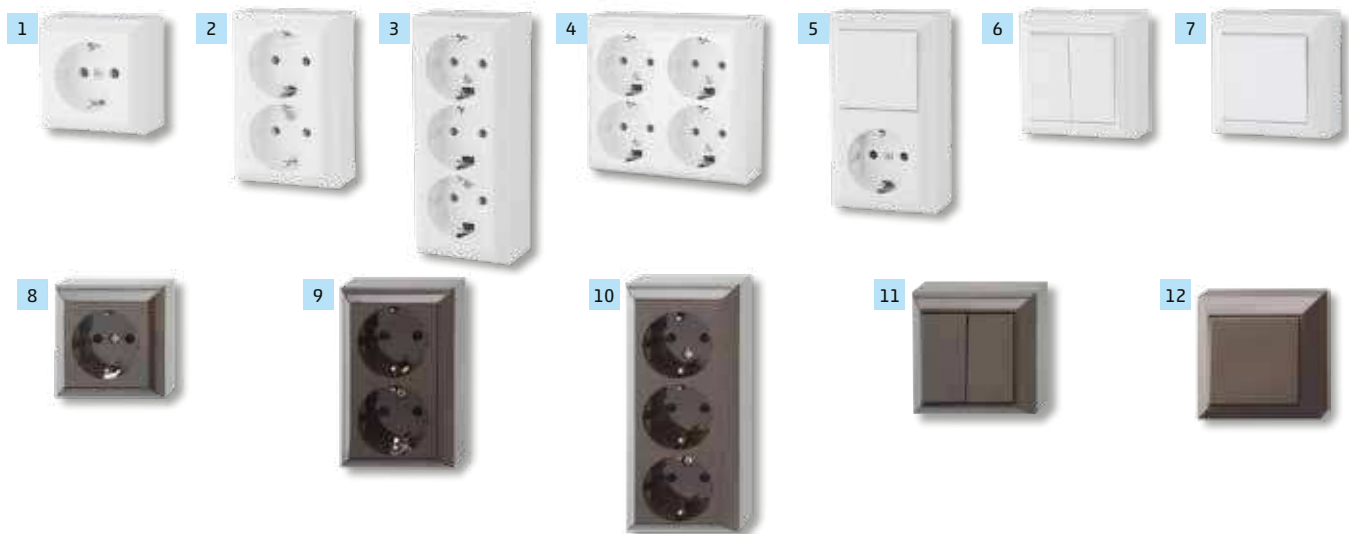
ELECTRICAL EQUIPMENTS, JUNCTION BOX



pic.	type	denomination, features	pic.	type	denomination, features
1	0708S	E27 socket, black, 60 W	4	5229H	IP54 junction box, 75 x 45 mm, grey, surface-mounted, waterproof
2	0716S	E27 socket, white, 60 W	5	5232H	IP54 junction box, 75 x 75 mm, grey, surface-mounted, waterproof
3	5031H	1 phase reconstructed submeter 230-250 V, 10/30 A, black, not suitable for billing purposes	6	5221H	IP54 junction box, 85 x 85 mm, grey, surface-mounted, waterproof
			7	5233H	IP54 junction box, 100 x 100 mm, grey, surface-mounted, waterproof

SURFACE-MOUNTED INDOOR PRODUCTS

BUSINESS LINE IP20



pic.	type	denomination, features	pic.	type	denomination, features
1	0310H	Single grounded electric outlet, indoor design, 230 V~ / 50 Hz / 16 A	8	0510056777	Single earthed socket, brown, indoor design, 230 V~ / 50 Hz / 16 A
2	0311H	Double grounded electric outlet, indoor design, 230 V~ / 50 Hz / 16 A	9	0510076777	Double earthed socket, brown, indoor design, 230 V~ / 50 Hz / 16 A
3	0312H	Triple grounded electric outlet, indoor design, 230 V~ / 50 Hz / 16 A	10	0510089777	Triple earthed socket, brown, indoor design, 230 V~ / 50 Hz / 16 A
4	0313H	4-socket grounded electric outlet, indoor design, 230 V~ / 50 Hz / 16 A	11	0511466777	Two-gang switch, brown, indoor design, 230 V~ / 50 Hz / 10 A
5	0314H	Socket and changeover switch combination, indoor design, 230 V~ / 50 Hz / 16/10 A	12	0511476777	Toggle switch, brown, indoor design, 230 V~ / 50 Hz / 10 A
6	0315H	Chandelier switch, indoor design, 230 V~ / 50 Hz / 10 A			
7	0316H	Changeover switch, indoor design, 230 V~ / 50 Hz / 10 A			
7	0323H	Push switch, indoor design, 230 V~ / 50 Hz / 10 A			

NVF 2 SERIES

EXTENSION CORD

- 250 V~ / 50 Hz / max. 16 A, 3 x 1,5 mm²



type	wire	cable length	color
NVF 2-10/OR/1,5	3 x 1,5 mm ² H05VV-F	10 m	orange
NVF 2-20/OR/1,5	3 x 1,5 mm ² H05VV-F	20 m	orange
NVF 2-30/OR/1,5	3 x 1,5 mm ² H05VV-F	30 m	orange

NV CR

CABLE ORGANIZER FOR EXTENSION CORDS



POWER DISTRIBUTOR

- sockets with child protection
- 1 NPE 230 V~ / 50 Hz
- 250 V~ / max. 16 A



pict.	type	number of sockets/cable	length of the cable	color
1	NVF 3/WH	3/3 x 1,0 mm ²	1,5 m	white
2	NVF 3K-3/WH/1,5	3/3 x 1,5 mm ²	3 m	white
2	NVF 3K-5/WH/1,5	3/3 x 1,5 mm ²	5 m	white

NV 1K

ONE-POLE, IN-LINE SWITCH

- max. 4 A
- 2 x 0,75 mm²
- **for indoor use**
- for luminaires only
- Wiring can only be carried out by qualified personnel!
- 250 V~ / 50 Hz / max. 4 A / max. 920 W
- H03VVH2-F, 2x0,75 mm²



NV 1K/WH - white
NV 1K/BK - black

NV FP 2

GROUNDING PLUG, EXTRA FLAT

- 250 V~ / max. 16 A / max. 3680 W



NGD 03

GROUNDING PLUG WITH STRAIGHT CABLE ROUTING

- **for out- and indoor use**
- 250 V~ / max. 16 A / max. 3680 W



NGD 02

GROUNDING PLUG WITH 45° CABLE OUTLET

- **for indoor and outdoor use**
- 250 V~ / max. 16 A / max. 3680 W



THF2311

REMOTE CONTROLLED MINI POWER SOCKET SET

- Remote-controlled mini power socket with remote control
- open field range: 40 m
- radio link: 433,92 MHz
- for use in dry, indoor conditions
- easy to learn socket
- one remote control can control 3 groups of sockets (A, B, C)
- ALL ON/OFF buttons for simultaneous control of all sockets
- LED indicator
- power supply for remote control: 1xCR2032 (3 V) battery, included
- 230 V~ / 50 Hz / max. 10 A / max. 2300 W



NVTF 1/WH

POWER OUTLET, WITH SURGE PROTECTION

- with child protection
- suitable to protect household appliances
- **surge protection up to 4500 A**
- for indoor use (IP20)
- 250 V ~ / 50 Hz / 16 A / 3500 W
- dimensions: 53 x 74 x 79 mm



TPF3E

T DISTRIBUTOR

- 3 x EURO sockets
- 250 V ~ / max. 3x2,5 A / max. 1725 W



NVF 16/WH

POWER DISTRIBUTOR, T-SHAPE

- 3 grounded socket, French
- 1 NPE 250 V~, max. 16 A



NVF 2-16/WH

POWER DISTRIBUTOR, T-SHAPE

- 3 sockets (2 grounded + 1 euro), French
- 1 NPE 250 V~, max. 16 A



NVKF 1/WH

POWER OUTLET, WITH SWITCH

- with child protection
- **allows turning electric devices on and off safely**
- switch
- for indoor use (IP20)
- 250 V ~ / 50 Hz / 16 A / 3500 W
- dimensions: 53 x 74 x 79 mm



7300S

MECHANICAL TIMER CLOCK

- **min. setting time: 30 min**
- max. 48 switch on/off times/day
- manual on/off switch
- child lock
- **16 A / 230 V / 3680 W**
- dimensions: 103 x 54 x 70 mm





THA-BOD-0015-G

HEATED SEAT CUSHION WITH POWERBANK

- rechargeable **powerbank** included: **10,000 mAh**
- easy to use
- **3 modes:**
 - Low: 43 °C
 - Medium: 52 °C
 - High: 58 °C
- size: 38 x 38 x 5 cm

THA-HND-0014-G

RECHARGEABLE HAND WARMER, WITH POWERBANK FUNCTION

- built-in battery: 10,000 mAh
- **power bank function**
- easy to use
- built-in LED lighting
- **3 modes:**
 - Low: 45 °C, approx. 14.5 hours of operation
 - Medium: 50 °C, approx. 11 hours of operation
 - High: 60 °C, approx. 8 hours of operation
- USB C cable included
- USB-C - USB-A adapter included
- dimensions: 10.5 x 6.5 x 3 cm
- weight: 215 g



F55

ELECTRIC FOOT WARMER BOOTS

- **power: max. 100 W**
- material: polyester
- **3 heating levels**
- **removable, hand or machine washable insert**
- heats up quickly
- power supply: 220-240 V~ / 50 Hz
- dimensions: 27 x 30 x 23 cm



Pekatherm

THA-FOT-0004-G

DISPOSABLE TOE WARMER INSERT

- 2 pcs / pack
- activates by contact with oxygen after opening
- odorless, safe, environmentally friendly, disposable
- one side is self-adhesive
- **warm for approx. 7 hours**
- **heats up to approx. 57 °C**
- **40 packs / display**

Only available in display!



UP117D

ELECTRIC HEATING BED SHEET, BED HEATER

- **power: max. 60 W**
- material: polyester
- **3 heating levels**
- detachable controller
- heats up quickly
- **hand or machine washable**
- power supply: 220-240 V~ / 50 Hz
- **size: 170 x 90 cm**



Pekatherm

SST 01

ULTRA-SLIM SIT-STAND DESK CONVERTER

- quality MDF board: features high impact resistance (TSCA Title VI compliant)
- high-strength steel frame: better durability to weight and wear ultra-slim profile: minimizes bulk for space-saving storage and maximizes comfort at its lowest height setting
- **5 height settings: for optimal viewing height (45/215/265/305/365/405 mm)**
- squeeze handle: adjusts the height in a snap
- EVA foam pads: protect devices from scratches and marring
- table dimensions: 67 x 47 cm



VIDEO



WS 2300

SALT CRYSTAL LAMP

- wooden base with E14 socket, 1,5 m cord with switch, 15 W bulb (included)
- weight: **2-3 kg**
- power supply: 230 V~/50 Hz



SKL 12

SALT CRYSTAL LAMP

- wooden base with E14 socket, 1,5 m cord with switch, 15 W bulb (included)
- weight: **1-2 kg**
- power supply: 230 V~/50 Hz



SKM 57

SALT CRYSTAL TEA LIGHT HOLDER

- hollowed tea light holder
- weight: **0,5 - 0,7 kg**

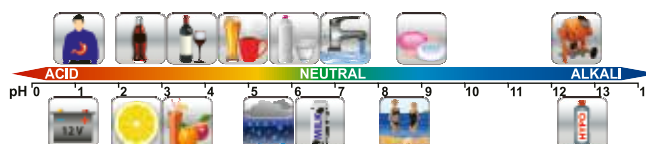


PHT 01

PH TESTER & THERMOMETER

Acidic or alkaline? Read it immediately!

- pH 0,00 - 14,00 / 0 - 60 °C
- **measurement of the temperature of the fluids and air**
- applicable areas: health care, nutrition, hobby, work
- ideal for: swimming pool, whirlpool, aquarium, pond, tap water, mineral water, juices, wine, coffee, tea, body fluid, irrigation water...
- clearly visible 4 digit LCD display
- modern, **glass electrode probe**
- automatic temperature compensation
- 1-point **calibration opportunity**
- accessory protective case
- power supply: 2 x 1,5 V (LR44) batteries, included
- dimensions: 155 x 29 x 16 mm



94807

DIGITAL BREATHALYSER

- **fast reaction, warm-up time 10 sec., answer <5 sec.**
- warning with sound
- value range: 0.00-0.19% BAC
- **measurement accuracy: 0,01% BAC**
- LCD display, turns off automatically
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 36 x 95 x 18 mm





AD 15 P

AROMA DIFFUSER, ATOMIZER

An atomizer that works without water with purely aroma oils, with multicoloured mood lighting.

- glass bottle and nozzle
- works with as little as 10-15 drops of aroma oil
- max. 50ml of aroma oil can be put into the device
- two intensity options
- intermittent operation (2 minutes on/ 2 minutes off)
- multicoloured mood lighting that can also be turned off
- with a touch button
- 2-hour operating limit
- power supply: included indoor power adapter
- dimensions: Ø11,5 x 21 cm



VIDEO



AD 200

AROMA DIFFUSER

Ultrasonic cold mist humidifier, aroma diffuser, with coloured mood lights.

- quality materials used: bamboo base and cover
- water tank capacity: 200 ml
- humidification: 20-30 ml/h
- continuous or intermittent humidification (30 sec on / 30 sec off)
- LED signalling lights
- lighting can be used separately
- continuously changing colours, selectable colours
- humidification and lighting turn off in case of water shortage
- power supply: indoor mains power adapter included (the adapter is placed inside the product)
- dimensions: 10,2 x 10,2 x 13 cm



VIDEO



AD 280

AROMA DIFFUSER

Ultrasonic cold mist humidifier, aroma diffuser, with warm white mood light.

- quality materials used: rubberwood base, china cover
- water tank capacity: 280 ml
- humidification: 15-20 ml/h
- continuous or intermittent humidification (30 sec on / 30 sec off)
- selectable off timer setting of 1, 3, or 8 hours
- LED indicator lights
- warm white mood light with two brightness levels, or soft pulsed light
- gradual fade out to help falling asleep (30 minutes)
- humidification and lighting turn off both or independently in case of water shortage or at the end of the timing
- power supply: indoor mains power adapter included (the adapter is placed inside the product)
- dimensions: Ø14,6 x 13,2 cm



VIDEO



Measuring technology

MT-1280

PROFESSIONAL MULTIMETER

- large, **illuminated display**
- versatile measurements, extended measurement ranges
- TRUE RMS: **true effective measurement** for any signal shape
- V-A-Ohm-Hz-F-C-hFE-diode break test
- **non-contact voltage detector with light and sound indication**
- recording of the measured value
- automatic switch-off
- **the probe tips can be attached to the back of the case**
- reinforced, impact-resistant protective case at the corners
- improved, safe battery holder
- power supply: 6LR61 (9 V) battery, not included
- **accessories: test leads, thermometer probe, transistor test adapter, protective case**

Related product: Maxell 6LR61 battery, HOME MZ 4 test leads

Pro'sKit®



SMA 19

PROFESSIONAL MULTIMETER

- automatic measuring limit changing
- **touchless phase search**
- **backlight**
- accessory measuring cord



SMA 64

DIGITAL MULTIMETER

- measurement of direct current, alternating current, AC/DC, resistance, temperature
- **accessories: measuring cord, transistor tester socket, temperature measurer probe, 1 x 9 V (6F22) battery**



SMA 92

DIGITAL MULTIMETER

- measurement of direct current, alternating current, AC/DC, resistance, frequency
- **automatic changing in measuring limits**
- **background light**
- **accessories: measuring cord, 1 x 9 V (6F22) battery**



SMA 830

DIGITAL MULTIMETER

- measurement of direct current, alternating current, AC, resistance
- measured value recording
- **accessories: measuring cord, 1 x 9 V (6F22) battery**



SMA SMART2

SMART MULTIMETER

- large, **illuminated display**
- rear **LED flashlight**
- flat, compact design
- intelligent SMART identification and manual functions
- **TRUE RMS**: true effective measurement for any waveform
- conventional electrical measurements (C/DC V-A-Ω ...)
- **non-contact voltage tester**
- **phase detection function**
- **detection of the quantity to be measured**
- **automatic measurement limit switching**
- warning of fuse blowing
- indication that the measuring lead is correctly connected
- recording of the measured value
- automatic switch-off (can be disabled)
- removable protective cover
- power supply: 2 x 3 V (CR2032) batteries, not included
- accessories: measuring leads, protective cover
- dimensions: 67 x 133 x 18 mm / 130 g
- **spare measuring cord available: MZ SMART**



VC 830L

DIGITAL MULTIMETER

- measurement of direct current, alternating current, AC, resistance
- **background light**
- recording measured values
- **accessories: measuring cord, 1 x 9 V (6F22) battery**



SMA 2101

AC/DC CLAMP METER

- measurement of direct current, alternating current, AC/DC resistance, frequency
- **accessories: measuring cord, protective case, 3 x 1,5 V (AAA) batteries**



M 266AC

AC CLAMP METER

- measurement of direct current, alternating current, DC, resistance
- **accessories: measuring cord, protective case, 1 x 9 V (6F22) batteries**



	MT-1280	SMA 19	SMA 64	SMA 92	SMA 830	SMA SMART2	VC 830L	SMA 2101	M 266AC
DC voltage	600 mV / 6 V / 60 V / 600 V / 1000	600 mV / 6 V / 60 V / 600 V / 1000 V	200 mV / 2 V / 20 V / 200 V / 1000 V	200 mV / 2 V / 20 V / 200 V / 600 V	200 mV / 2 V / 20 V / 200 V / 600 V	2 V / 20 V / 200 V / 600 V	200 mV / 2 V / 20 V / 200 V / 600 V	400 mV / 4 V / 40 V / 400 V / 600 V	1000 V
AC voltage	6 V / 60 V / 600 V / 750 V	6 V / 60 V / 600 V / 750 V	2 V / 20 V / 200 V / 750 V	2 V / 20 V / 200 V / 600 V	200 V / 600 V	2 V / 20 V / 200 V / 600 V	200 V / 600 V	4 V / 40 V / 400 V / 600 V	750 V
DC (direct current)	60 µA / 600 µA / 6 mA / 60 mA / 600 mA / 20 A	60 µA / 600 µA / 6 mA / 60 mA / 600 mA / 10 A	2 mA / 20 mA / 200 mA / 10 A	200 µA / 2 mA / 20 mA / 200 mA / 10 A	20 µA / 200 µA / 2 mA / 20 mA / 200 mA / 10 A	20 mA / 200 mA / 600 mA	20 µA / 200 µA / 2 mA / 20 mA / 200 mA / 10 A	40 A / 400 A	-
AC (alternate current)	60 mA / 600 mA / 20 A	60 µA / 600 µA / 6 mA / 60 mA / 600 mA / 10 A	20 mA / 200 mA / 10 A	200 µA / 2 mA / 20 mA / 200 mA / 10 A	-	20 mA / 200 mA / 600 mA	-	40 A / 400 A	200 A / 1000 A
resistance	600 Ω / 6 kΩ / 60 kΩ / 600 kΩ / 60 MΩ / 600 MΩ	600 Ω / 6 kΩ / 60 kΩ / 600 kΩ / 6 MΩ / 60 MΩ	200 Ω / 2 kΩ / 20 kΩ / 200 kΩ / 2 MΩ / 20 MΩ / 200 MΩ	200 Ω / 2 kΩ / 20 kΩ / 200 kΩ / 2 MΩ / 20 MΩ	200 Ω / 2 kΩ / 20 kΩ / 200 kΩ / 2 MΩ	200 Ω / 2 kΩ / 20 kΩ / 200 kΩ / 2 MΩ / 20 MΩ	200 Ω / 2 kΩ / 20 kΩ / 200 kΩ / 2 MΩ	400 Ω / 4 kΩ / 40 kΩ / 400 kΩ / 4 MΩ / 40 MΩ	200 Ω / 20 kΩ
capacity	9.9 nF / 999.9 µF / 2000 µF	6 nF / 60 nF / 600 nF / 6 µF / 60 µF / 600 µF / 6 mF / 100 mF	2 nF / 20 nF / 200 nF / 2 µF / 200 µF	-	-	-	-	40 nF / 400 nF / 4 µF / 40 µF / 400 µF / 4000 µF	-
frequency	45 - 1000 HZ	9.999 Hz / 99.99 Hz / 999.9 Hz / 9.999 kHz / 99.99 kHz / 999.9 kHz / 9.999 MHz	20 KHz	20 KHz	-	-	-	9.999 Hz / 99.99 Hz / 999.9 Hz / 9.999 kHz / 99.99 kHz / 999.9 kHz / 9.999 MHz	-
duty cycle	-	5 - 95%	-	-	-	-	-	0 - 100 %	-
temperature	-20 °C - 1000 °C	-20 °C - 1000 °C / -4 °F - 1832 °F	-20 °C - 1000 °C	-	-	-	-	-	-
display counter	5999	6000	1999	1999	1999	1999	1999	4000	1999
USB connection	-	-	-	-	-	-	-	-	-
contactless phase searching	+	90-1000 V [AC] 50/60 Hz	-	-	-	+	-	-	-
diode test	0 - 3 V	0-3 V	+	+	+	+	+	+	-
tear test	50 Ω	≤60 Ω	+	+	+	+	+	+	+
transistor measuring	+	-	+	-	-	-	-	-	-
relative measuring	-	-	-	-	-	-	-	+	-
automatic changing in measuring limits	-	+	-	+	+	+	-	+	-
manual change in measuring limits	+	-	+	-	-	-	+	+	-
recording maximum/minimum values	-	-	-	+	-	-	-	+	+
recording measured values	+	+	+	+	+	+	+	+	+
automatic switch off	+	-	+	+	-	+	-	+	-
backlight	+	+	-	+	-	+	+	+	+
power supply	9 V (6F22)	4 x 1,5 V (AA)	9 V (6F22)	9 V (6F22)	9 V (6F22)	2 x 3 V (CR2032)	9 V (6F22)	3 x 1,5 V (AAA)	1 x 9 V (6F22)
measuring categories	CAT III 1000V	CAT IV 600 V, CAT III 1000 V	CAT III 600 V, CAT II 1000 V	CAT III 600 V	CAT III 600 V	CAT III 600 V	CAT II 600 V	CAT III 600 V	CAT II 1000 V, CAT III 600 V
dimensions	90 x 182 x 46 mm	93 x 204 x 57 mm	93 x 188 x 50 mm	67 x 140 x 30 mm	69 x 138 x 31 mm	67 x 133 x 18 mm	73 x 140 x 30 mm	78 x 208 x 35 mm	235 x 96 x 46 mm

MZ SMART

MEASURING CORD SMA SMART2 FOR MULTIMETER

- combined probe tips with **removable insulating caps**
- **600 V CAT II / 600 V CAT III**
- 10 A max. load capacity
- **~90 cm long**



MZ 4

PREMIUM MEASURING CORD

- **professional, premium quality measuring cord**
- **combined touch probe with precision spring contact**
- insulated end contact inside the banana plugs
- removable insulated caps
- 2 mm diameter measuring head
- **1000 V CAT III / 600 V CAT IV**
- 10 A max. load
- **~135 cm long 18AWG wire**



MZ 3S

TEST LEAD WITH SILICONE INSULATION

- **flexible, soft**, durable, comfortable to use
- combined probe tips with removable insulating caps on the pipe banana plugs (Ø4 mm)
- **~145 mm handle / 2 mm diameter measuring tip**
- **1000V CAT II / 1000V CAT III / 600V CAT IV**
- 10 A max. load
- **~120 cm long 20AWG wire**



MZ 2M

TEST LEAD WITH PVC INSULATION

- **combined probe tips** with removable insulating caps on the pipe banana plugs (Ø4mm)
- **~120mm handle / 2mm diameter measuring tip**
- **600V CAT II / 600V CAT III**
- 10 A max. load
- **~90 cm long 22AWG wire**



SMATESTER

SOCKET TESTER

INCORRECTLY CONNECTED CONNECTORS CAN BE DANGEROUS TO LIFE AND CAUSE FIRE!

- fast, simple **verification testing**
- **reveals all frequent incorrect wirings of wall sockets**
- for example: swapped phase and neutral, swapped phase and ground, missing grounding...
- LED indicators and a large, illuminated display
- **can also be used as a voltmeter**
- can be read: **L-N and N-E voltage, RCD mA current**
- checks the operation of the contact protection relay (Fi, RCD)
- **works without batteries**
- for max. 250 V~
- dimensions: 65 x 68 x 65 mm / ~75 g

Does not examine all possible wrong connections and their combinations.



MVT 808ACE

BIPOLAR AC/DC VOLTAGE TESTER

- **for 6-400 V DC and AC voltage**
- 10 LED indicators
- robust housing and cord
- **equipped with switch to perform measures under 24 V**
- length of connection cable: 0,6 m
- length of housing: 220 mm



VD 44

NON-CONTACT VOLTAGE TESTER

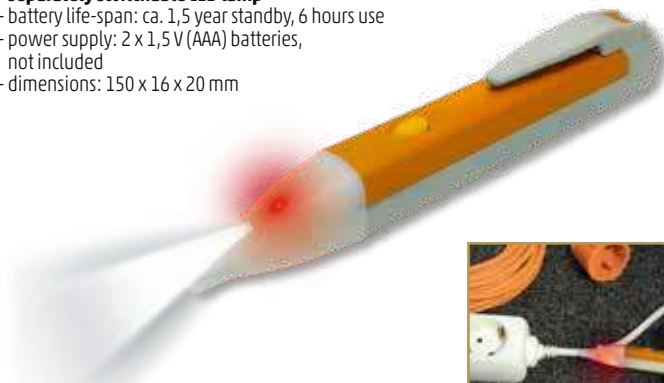
- **detects without touch (~12/48-1000V AC)**
- indicates alternating voltage with a sound and a red light
- **three levels of signal magnitude indication**
- switchable sensitivity
- **flashlight** function
- **automatic power-off**
- battery depletion indication
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 158 x 20 x 20 mm



VD 22

NON-CONTACT VOLTAGE TESTER

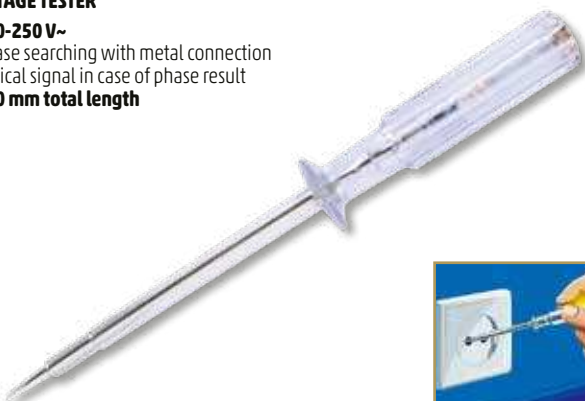
- **safe: contactless sensing (90-1000 V~)**
- checking the presence of alternate voltage
- ideal for troubleshooting: for extension cords, power distributors, wall outlets, light strips, lamps, cables inside appliances or switchboards
- warns immediately remarkably and well sensibly
- **intermittent beep and a flashing red light**
- **separately switchable LED lamp**
- battery life-span: ca. 1,5 year standby, 6 hours use
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 150 x 16 x 20 mm



FC 20

VOLTAGE TESTER

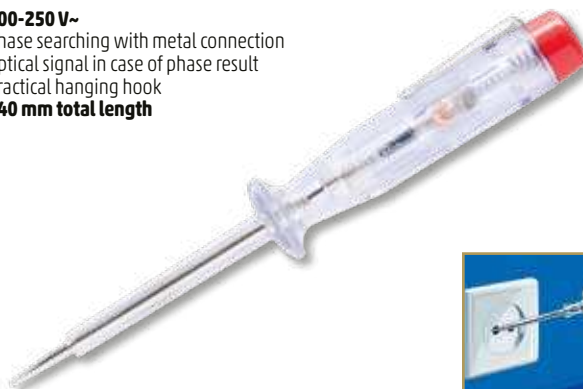
- **200-250 V~**
- phase searching with metal connection
- optical signal in case of phase result
- **190 mm total length**



FC 10

VOLTAGE TESTER

- **200-250 V~**
- phase searching with metal connection
- optical signal in case of phase result
- practical hanging hook
- **140 mm total length**



MTP 5-25

MEASURING TAPE

- length: 5 m
- width: 19 mm
- meter/foot scale
- rubber coated housing
- tape recording function
- metal tape with hook on the end



BD 5G/BK

BANANA PLUG

- black
- plastic
- cross-hole type
- screwable
- gold plated



BD 5G/RD

- red



BD 4/BK

BANANA PLUG

- black
- plastic
- cross-hole type
- screwable



BD 4/RD

- red



ET 3

BATTERY TESTER

- for checking button cells, batteries and 9 V accumulators
- 1,5 V/ 9 V max. (AG, AAA, AA, C, D, 6LR61)
- simple, quick handling
- load testing
- dimensions: 110 x 60 x 25 mm



BA 2/BK

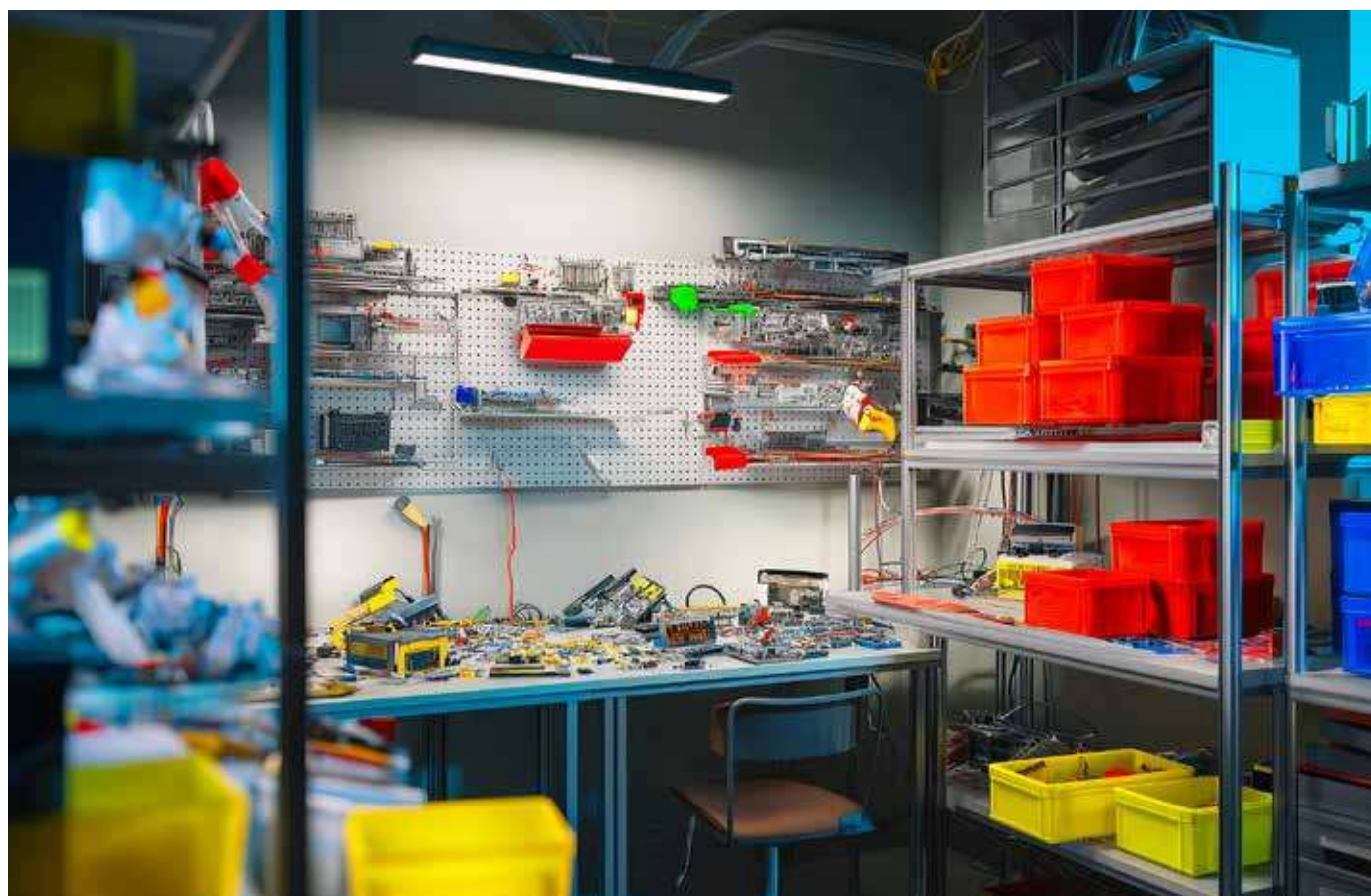
BANANA PLUG

- black
- plastic
- insulated
- solderable



BA 2/RD

- red



Soldering technology

SS-306B

SOLDERING POT STATION

- professional station, **75 W**
- **ESD: protection against electrostatic discharge**
- included ESD connection cable (~1.4 m)
- adjustable temperature: **200-480 °C**
- fast heating
- **maintaining a stable temperature**
- the temperature can be easily **calibrated**
- durable ceramic heating pad
- insulated and ergonomic handle
- available spare tip: SSI-216N-B1.0, SSI-216N-1.6D

SSI-216N-B1.0

SPARE MOUNT (see below)

SSI-216N-1.6D

SPARE MOUNT (see below)

Pro'sKit®



SMA 051

SOLDERING STATION

- **with LED display**
- 230 V~/ **48 W**
- fast heat up
- adjustable and controllable temperature (150 - 420 °C)
- 3-digit red LED display
- heat resistant silicone cable
- silicone rubber on the grip
- **replaceable soldering iron: SMA 5051T**
- **pin can be replaced without a tool**
- cleaning sponge and tray
- adjustable soldering iron holder



SMA 5051T

REPLACEABLE SOLDERING IRON



PP 75

SOLDERING GUN KIT

- high quality Czech soldering gun
- **75 W** / 230 V~
- built-in LED lighting
- **contents of the case:**
5+1 soldering tips,
16 g soldering resin,
10 g soldering tin



PP 2

SOLDERING GUN

- European quality, Czech made
- **75 W** / 230 V~
- built-in LED light
- 1+5 durable,
nickel-plated copper soldering tips



SG 109

SOLDERING GUN

- **100 W** / 230 V~ / 50 Hz
- fast heat up
- **built in bulb**
- pin is replaceable without a tool



SG109-150

SOLDERING GUN

- **high performance: 150 W** / 230 V~
- fast heating
- **high heat demand for jobs**
- replaceable without tools,
long-life nickel-plated copper
soldering tip
- built-in lighting
- **gift with 1+1 light bulb**



FPL 80W

TEMPERATURE CONTROLLER SOLDERING IRON

- **LCD digital display** in the handle
- **adjustable temperature** (180-480 °C)
- high power: 230 V~ / **80 W max.**
- **temperature memory**
- durable ceramic heating element
- with **1+5** nickel-plated soldering tips



FPL 80T

SOLDERING IRON TIP SET FOR THE FPL 80W SOLDERING IRON

- **5 types** of different designs for the different areas of use
- nickel-plated for **longer life**
- 5 soldering tips
- 5x ~Ø6x41 mm



FP 80W

SOLDERING IRON

- 230 V~ / **80 W**
- length of soldering iron: 290 mm
- **accessory desk stand, good quality connection cable with strain relief**



FP 60W

- 230 V~ / **60 W**
- length of soldering iron: 270 mm

FP 30W

- 230 V~ / **30 W**
- length of soldering iron: 240 mm

8PK-366D

PROFESSIONAL TIN EXTRACTOR

- strong suction
- permanently heat-resistant, stable **Teflon tip**
- **solid, metal casing**
- size: Ø18 x 163 mm

Pro'sKit®

508-366A-T

SPARE TIP FOR 8PK-366D TIN PICKUP

- long-lasting, stable teflon tip
- black color

8PK-366N-G

DESOLDERING PUMP

- **large suction capacity**
- **durable heat resistant, stable Teflon tip, which is built into its slot**
- **double rubber ring**
- removable colored covering
- dimensions: Ø26 x 205 mm

Pro'sKit®

5PK-366N-T

SPARE TIP FOR DESOLDERING PUMP

- for 8PK-366N-G type
- stable Teflon tip, built into its slot
- black tip, grey house, with sealing ring

SI-B165

CORDLESS SOLDERING IRON

- 12 W **professional heating element in the tip**
- **10 s very fast heating, max. 500 °C**
- comfortable **touch switch** in the handle
- delayed shutdown if not used (30 s)
- **LED light**
- 4-stage **charge status indicator**
- replaceable 18650 battery: 3.7 V 2200 mAh Li-ion
- expected charging / operating time: 2 h / 1.5 h
- **included USB-C charging cable, stand**
- available spare tip: 5SI-B165-K
- size / weight: 190 x 25 x 29 mm / 85 g
- recommended charger: SA 24USB, SA 50USB

Pro'sKit®

5SI-B165-K

SOLDERING TIP AND HEATING INSERT IN ONE FOR SI-B165 CORDLESS SOLDERING IRON

- 10 s very fast heating, max. 500 Celsius
- 5 V / 12 W professional heating element in the tip
- can be replaced without tools
- flat-tip precise design

8PK-101-2

GAS SOLDERING TOOL

- for soldering, heating, shrinking, tinning cutting
- **adjustable piercing flame**
- accessory: 2 soldering heads included
- **can be filled with cigarette lighter gas**
- length of tool: 130 mm
- delivered without gas

Pro'sKit®

SOLDERING GUN ACCESSORIES



pic.	type	designation, characteristics
1	SSI-216N-1.6D	Spare tip for SS-306B soldering iron station, 1.6 mm, flat tip
2	SSI-216N-B1.0	Spare tip for SS-306B soldering iron station, 1.0 mm, point-like tip
3	SMA 056	Soldering tip for SMA 051 and SMA 050 soldering iron stations, 0.4-0.8 mm, point-like tip
4	SMA 057	Soldering tip for SMA 051 and SMA 050 soldering iron stations, 3.2 mm, flat tip
4	SMA 058	Soldering tip for SMA 051 and SMA 050 soldering iron stations, 1.2 mm, flat tip
3	SMA 059	Soldering tip for SMA 051 and SMA 050 soldering iron stations, 1.2 mm, point-like tip
5	PP 75T	Soldering tip for PP75, PP2, PP1 soldering guns, 1.5 mm ² nickel-plated red copper, 10 pcs / package
6	SG 109T	Spare tip for SG 109 soldering gun
7	SG109-150T	Spare tip for SG109-150 soldering gun
8	FPH 4	Point-like soldering tip for FP 30 30 W soldering iron, diameter: 4 mm
8	FPH 6	Point-like soldering tip for FP 60 60 W soldering iron, diameter: 6 mm
8	FPH 7	Point-like soldering tip for FP 80 80 W soldering iron, diameter: 7 mm

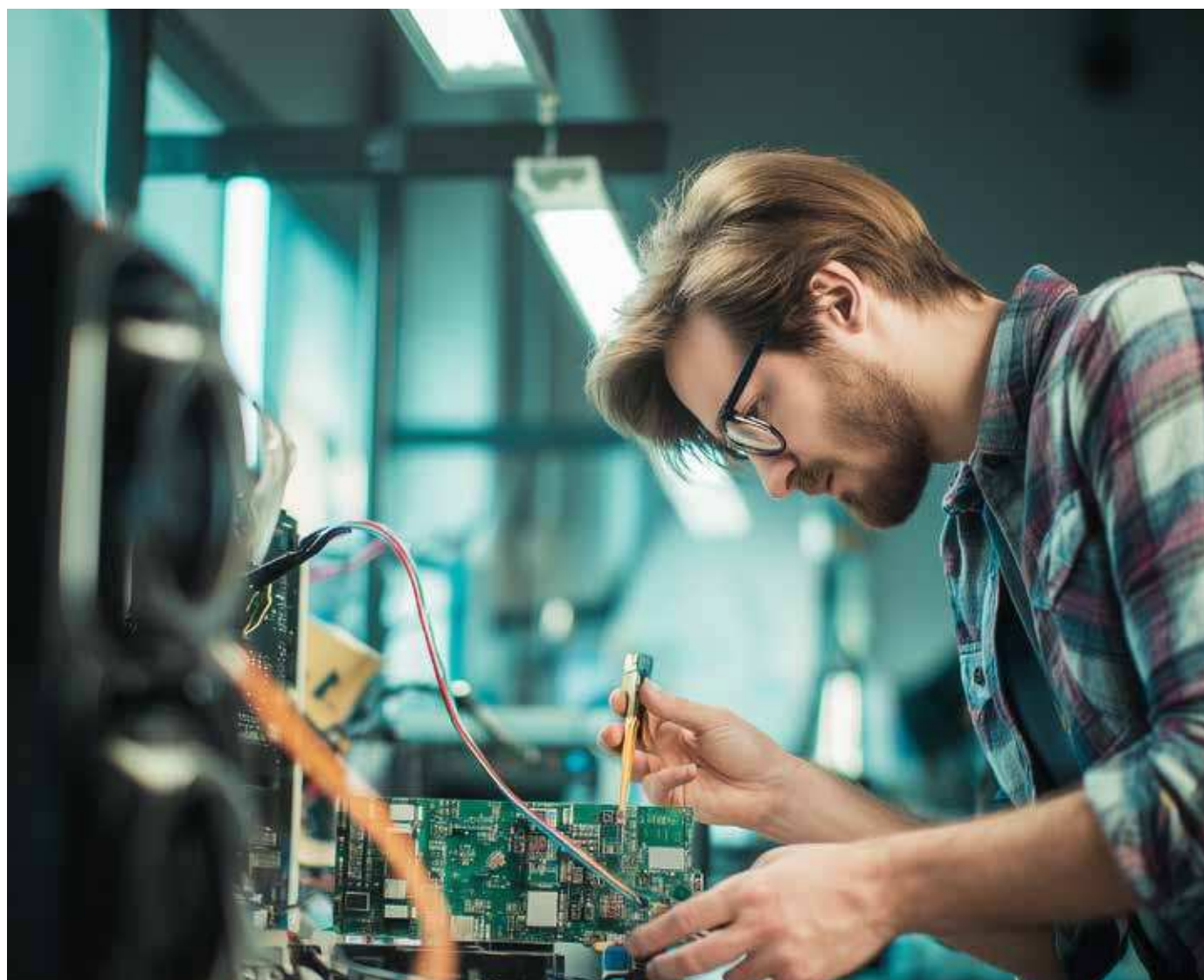
SOLDERING TIN

High quality soldering tin from **European manufacturer!**
Composition: SN / PB: 60/40%, resin: 2.0%



type	size	packing unit
SW 0,5/250	Ø0,5 mm	250 g
SW 0,8/100	Ø0,8 mm	100 g
SW 0,8/250	Ø0,8 mm	250 g
SW 0,8/500	Ø0,8 mm	500 g
SW 1/100	Ø1,0 mm	100 g
SW 1/250	Ø1,0 mm	250 g
SW 1/500	Ø1,0 mm	500 g

type	size	packing unit
SW 1,5/250	Ø1,5 mm	250 g
SW 1,5/500	Ø1,5 mm	500 g
SW 2/100	Ø2,0 mm	100 g
SW 2/250	Ø2,0 mm	250 g
SW 2/500	Ø2,0 mm	500 g
SW 3/250	Ø3,0 mm	250 g



SWCU 1/17

SOLDERING TIN-PEN

Soldering tin in pen-looking dispenser house. Tin can be portioned quickly to the place of soldering.

Features of the tin:

- diameter: 1 mm
- Sn/Cu: 97,3%/0,5%
- resin: 2,2 %
- net weight: 17 g
- dimensions: Ø17 x 91 mm

Lead free!



SWCU 1/100

SOLDERING WIRE, 100 G

- diameter: 1 mm
- Sn/Cu: 99,3/0,7%
- resin: 2,5%
- 230 - 250 °C
- net weight: 100 g

Lead free!



TS 500L

SOLDERING RESIN

Liquid soldering resin, for fine electronic soldering work. Acid-free, does not cause corrosion when left on the surface.



TS 560

SOLDERING OIL - 20 ml

Slightly activated **chlorine-free** flux for delicate electronic soldering works.



TS 570/40

SOLDERING CREAM - 40 ml

Acid-free, strong cleaning soft soldering flux. Useable for soft soldering of copper, tin, steel and acid-proof steel.



TS 580

THERMALLY CONDUCTIVE PASTE - 25 g

Electrically insulating, heat resistant up to 200 °C, non-resinous, **conduction ability: 0,24-0,42 W/mK** heat transferring paste.



SMA 007

GLUE GUN

- 25 (100) W / 230 V~ / 50 Hz
- fast, punctual sticking
- 1 minute drying time
- tiltable desktop support
- 2 glue rods included
- recommended glue rod: SMA 067T



SMA 005

GLUE GUN

- mini
- 10 (30) W / 230 V~ / 50 Hz
- fast, punctual sticking
- 1 minute drying time
- **tiltable desktop support**
- 2 glue rods included
- recommended glue rod: SMA 005T



SMA 005T

GLUE ROD

- Ø7 mm x 100 mm
- 20 pcs x 4,5 g
- for SMA 005 and SMA 009 glue guns



SMA 067T

GLUE ROD

- Ø11 mm x 100 mm
- 10 pcs x 11 g
- for SMA 008, SMA 007, SMA 006 and GK-380B glue guns



WT8091

MECHANIC SCREWDRIVER SET

- **6-piece set**
- magnetic flat and Phillips heads
- **for precision tasks**
- rotating palm guard
- non-slip grip
- ergonomic, handy shape
- PH00 / PH0 / PH1
- 2 mm / 3 mm / 4 mm
- shank length: 50 mm
- **total length: 150 mm**
- total weight: 85 g



WT1606

SCREWDRIVER SET

- **7-piece set**
- 3x flat and 4x Phillips star head
- professional design
- black, **magnetic, hardened heads**
- induction hardening
- **solid, powerful tools**
- ergonomic, rubberized handle
- **Cr-V steel material**
- PH0 x 75 mm / 165 mm
- PH1 x 75 mm / 175 mm
- PH1 x 100 mm / 200 mm
- PH2 x 150 mm / 265 mm
- 3 x 75 mm / 165 mm
- 5 x 75 mm / 175 mm
- 6 x 150 mm / 265 mm
- total weight: 480 g



WT2024

TRANSITIVE SCREWDRIVER SET

- **4-piece set**
- **2x flat and 2x Phillips star head**
- magnetic, hardened heads
- **induction hardening**
- solid, powerful tools
- **for applications requiring long tools**
- solid, powerful tools
- ergonomic, rubberized handle
- **Cr-V steel material**
- PH2 x 150 mm / 255 mm
- PH3 x 200 mm / 320 mm
- 6 x 150 mm / 255 mm
- 8 x 200 mm / 320 mm
- total weight: 580 g



WT1247

COMBINED PLIERS

- professional design
- simple and perfect design
- ergonomic, handy handle
- **non-slip surface**
- **Cr-V steel material**
- length: 180 mm



WT1029

LONG-NECKED PLIERS

- professional design
- simple and perfect design
- ergonomic, handy handle
- **non-slip surface**
- **Cr-V steel material**
- length / weight: 200 mm / 210 g



WT1286

BENT BEAK PLIERS

- professional design
- simple and perfect design
- ergonomic, handy handle
- **non-slip surface**
- **Cr-V steel material**
- length / weight: 160 mm / 160 g



WT1021

SIDE CUTTING PLIERS

- professional design
- simple and perfect design
- ergonomic, handy handle
- **non-slip surface**
- **Cr-V steel material**
- length / weight: 180 mm / 270 g



WT1530

LONG BIT PLIERS

- **long handle tower pliers**
- professional design
- simple and perfect design
- **non-slip handle**
- **Cr-V steel material**
- length / weight: 250 mm / 410 g



WT1129

WATER PUMP PLIERS

- professional design
- simple and perfect design
- ergonomic, handy handle
- **non-slip surface**
- **Cr-V steel material**
- length / weight: 250 mm / 450 g



WT6032

PLATE CUTTER SHEARS

- **straight, precise cut**
- **for thin materials**
- **carbon steel: 1.2 mm**
- **stainless steel: 0.5 mm**
- ergonomic handle
- stable, non-slip grip
- length / weight: 250 mm / 380 g



WT9029B

HAND RIVETER

- pop rivet puller
- **2.4 / 3.2 / 4.0 / 4.8**
- **solid construction**
- handy handle
- included head change tool
- length / weight: 240 mm / 410 g



WT1153

CABLE STRIPPER AND CUTTER

- **2in1: strips and cuts**
- **for 0.5-6 mm² wires**
- automatic, self-adjusting mechanism
- adjustable stripping length
- **very fast work**
- also for flat wires, up to 8 mm wide
- length / weight: 175 mm / 190 g



WT3149

HAMMER

- **rubberized, fiberglass handle**
- non-slip grip
- ergonomic design
- head weight: 500 g



WT3003

NAIL DRILLING CLAW HAMMER

- **rubberized, fiberglass handle**
- non-slip grip
- ergonomic design
- primarily for woodworking
- head weight: 500 g



WT3098

RUBBER HAMMER

- **rubberized, fiberglass handle**
- non-slip grip
- ergonomic design
- head weight: 450 g
- total weight: 680 g
- total length: 340 mm



WT3042

AXE

- **rubberized, fiberglass handle**
- non-slip grip
- ergonomic design
- for woodworking
- head weight: 600 g
- **total weight: 960 g**
- total length: 400 mm



WT2714

BOTH-END OPEN-END WRENCH SET

- **8-piece professional set**
- traditional open-ends
- **all common sizes**
- 6-7 / 8-9 / 10-11 / 12-13 / 14-15 / 16-17 / 18-19 / 20-22
- **practical storage**
- simple and perfect design
- **Cr-V steel material**
- total weight: 840 g



WT2148

BALL HEADED HEXAGONAL WRENCH SET

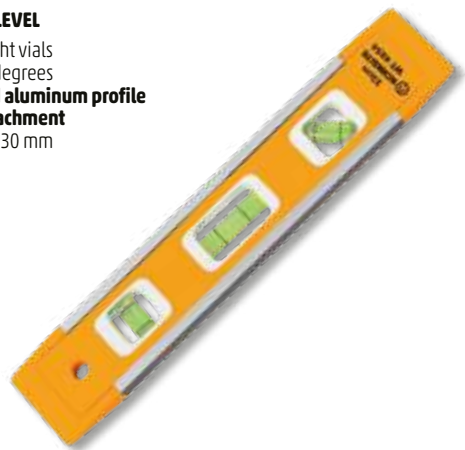
- hexagonal, **9-piece set**
- **2in1: conventional and ball heads**
- 1.5 / 2 / 2.5 / 3 / 4 / 5 / 6 / 8 / 10
- versatile
- practical, **fold-out storage**
- **Cr-V steel material**
- weight: 310 g



WT4054

SMALL SPIRIT LEVEL

- 3 built-in, bright vials
- 180 / 90 / 45 degrees
- **double-sided aluminum profile**
- **magnetic attachment**
- total length: 230 mm
- weight: 80 g



WT4129-B

PROFESSIONAL MEASUREMENT TAPE

- 7.5 meters long
- 25 mm wide tape
- **two types of tape attachment options**
- **with push button and latch**
- for professional use
- ergonomic, rubberized casing
- **metal belt clip**
- wrist strap
- weight: 360 g



WT2510

ADJUSTABLE OPEN-END WRENCH

- measuring scale for head adjustment
- **opening max. 25 mm**
- three additional keys in the handle
- professional design
- safe, rubber handle
- non-slip surface
- **Cr-V steel material**
- length / weight: 200 mm / 280 g



WT6079

SCALPEL SET

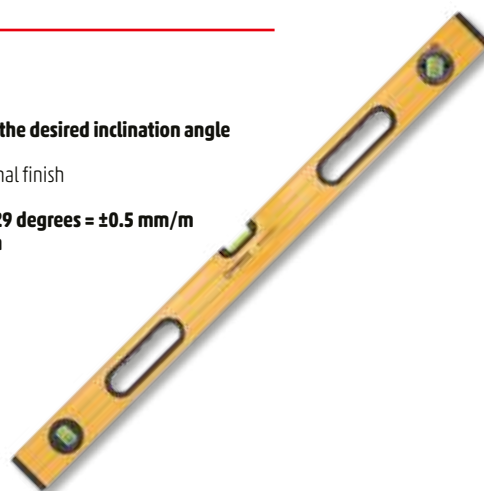
- 18 mm standard blade width
- 0.5 mm blade thickness
- **100 mm full cutting edge**
- blade can be broken off with the end of the handle
- non-slip ribbed handle
- **strong, metal blade guide**
- +10 spare blades in a safe case
- option additional spare blade: SZKB 21
- total length / weight: 160 mm / 80+70 g



WT4161

LARGE SPIRIT LEVEL

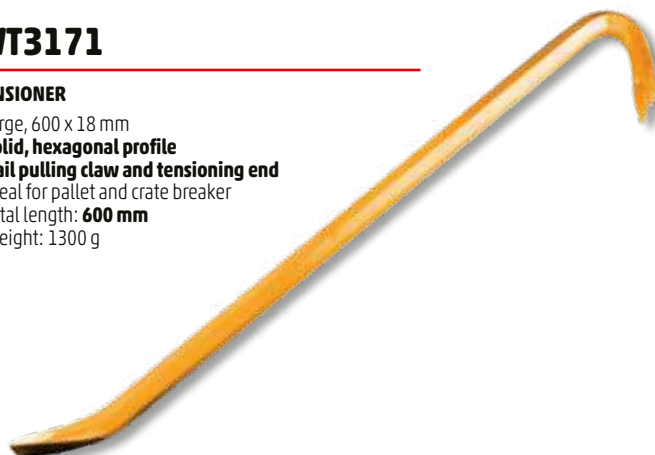
- 3 built-in, bright vials
- 180 / 90 / 45 degrees
- **rotatable vial to set the desired inclination angle**
- **protractor function**
- aluminum, professional finish
- ergonomic handle
- **high accuracy: ± 0.029 degrees = ± 0.5 mm/m**
- total length: 800 mm
- weight: 470 g



WT3171

TENSIONER

- large, 600 x 18 mm
- **solid, hexagonal profile**
- **nail pulling claw and tensioning end**
- ideal for pallet and crate breaker
- total length: 600 mm
- weight: 1300 g



WT6004

LARGE HEDGE TRIMMER

- large, **efficient** hedge trimmer
- **clean, precise cut**
- well complemented by a pruning shear (WT6001B)
- length / weight: **630 mm** / 1100 g



WT6001B

PRUNING SHEARS

- **bypass cutting edges**
- **clean, precise cut**
- **ideal for fibrous, stringy and thin clippings**
- complements the hedge trimmer
- non-slip handle
- solid, metal construction
- safety lock
- free spare part: spring
- length / weight: 200 mm / 230 g



WTSN002

WATER-SPRAY GUN

- **3in1, multifunctional**
- adjustable water jet
- **high-power water jet / shower / wide-cone**
- continuous mode, no need to press:
- **operation can be locked**
- solid plastic construction
- ergonomic handle
- weight: 120 g



WT3138

SMALL SPATULA

- **width: 62 mm**
- stainless steel
- stable, flexible in the shaft
- ergonomic handle



WT8208

SAFETY GLASSES

- **against flying solid particles** (F: 45 m/s)
- **99% UV protection** (380 nm)
- clear polycarbonate lens
- **scratch resistant**
- frame design reduces glare from overhead lighting
- **adjustable temple length**
- can be worn around the neck (option)
- for outdoor and indoor work
- for conventional and power tools
- for DIY and gardening
- on construction sites, in manufacturing plants



WT6002

BRANCH CUTTER

- **large, efficient branch cutter**
- clean, precise cut
- well complemented by a pruning shear (WORKSITE WT6001B)
- length / weight: **710 mm** / 990 g



WT6014

FOX-TAIL HAND WOOD SAW

- classic hand wood saw
- 450 mm long saw blade
- **durable, heat treated, 7TPI, 0.9 mm**
- with tooth guard
- ergonomic, **rubber handle**
- comfortable and efficient work
- total length / weight: **5400 mm** / 380 g



WT9027

METAL CAULKING GUN

- **metal caulking gun**
- for standard tubes (max. 230 mm)
- sealing, gluing, grouting, insulation
- **stable, solid construction**
- **fold-out caulking head cleaner**
- lightweight construction for long work
- total length / weight: 340 mm / 240 g



WT3140

LARGE SPATULA

- **width: 100 mm**
- stainless steel
- stable, flexible in the shaft
- ergonomic handle



WT9338

HEARING PROTECTION EARMUFFS

- **against noise caused by machinery**
- SNR 21.6 dB average noise reduction
- **reinforced ABS earmuffs**
- **comfortable, skin-like padding**
- lightweight, long-lasting
- removable earmuffs
- **adjustable headband**
- for outdoor and indoor work
- for machinery and power tools
- for DIY and gardening
- on construction sites, in manufacturing plants



DE 418679

24-PCS TOOL SET

- for general household use
- magnetic **screwdriver**, 155 mm
- 20 bit heads, according to 4 types of standards
- **combined pliers**, 165 mm
- claw **hammer**, 160 mm, 8 oz
- adjustable **wrench**, 150 mm / 20 mm
- in a plastic container box
- 280 x 45 x 185 mm / 1.2 kg



⊖ flat	3, 4, 5, 6, 7
⊕ Phillips	PH0, PH1, PH2, PH2, PH3
⊛ Torx	T10, T15, T20, T30, T40
⦿ hex head	H2, H3, H4, H5, H6

CSH 1

SCREWDRIVER SET FOR TECHNICIANS

- 6 pcs
- **metal**
- rotating cap for palm protection



⊖ flat	1, 4; 2; 2, 4; 3
⊕ Phillips	PH0, PH1

1PK-067DS

PINCHERS

- 165 mm - quality steel raw material
- **induction hardened cutting edge**
- finely polished exterior
- **rubberized, thickly covered handle**
- cuts, bares



Pro'sKit®

8PK-8100

INSULATED SCREWDRIVER SET, 1000 V~

- 7 pcs
- **for max. 1000 V~ voltage**
- chrome-vanadium steel
- **strongly magnetized heads**
- for professional use



AGS
Pro'sKit®

⊖ flat	2, 5; 4; 5, 5; 6, 5
⊕ Phillips	PH0, PH1, PH2

HW-229B

HEX KEY SET

- 9 pcs
- **with ball point head in one end**
- long arm
- Chrome-Vanadium steel
- Complete with polyethylene holder



Pro'sKit®

⦿ hexagon-ball head:	1, 5; 2; 2, 5; 3; 4; 5; 6; 8; 10
----------------------	----------------------------------

1PK-052DS

COMBINATION PLIERS

- 162 mm - quality steel raw material
- precise-shaped grip
- **induction hardened cutting edge**
- **rubberized, thickly covered handle**
- cuts, bares, presses, curves

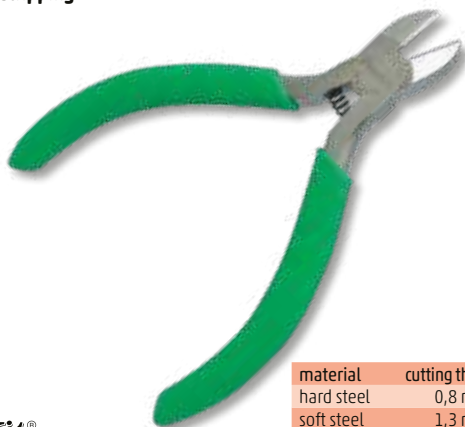


Pro'sKit®

1PK-037S

DIAGONAL CUTTING PLIERS

- 110 mm
- made from steel
- **hardened and tempered edges**
- roughened, PVC coating on grip
- **for cutting, stripping**



material	cutting thickness
hard steel	0,8 mm
soft steel	1,3 mm
copper	1,6 mm

Pro'sKit®

1PK-036S

LONG NOSE PLIERS

- 135 mm
- made from steel
- **hardened and tempered edges**
- roughened, PVC coating on grip
- **for cutting, stripping, fastening, bending**



material	cutting thickness
hard steel	0,8 mm
soft steel	1,3 mm
copper	1,6 mm

Pro'sKit®

PA-101

MICRO CUTTING PLIERS

- 130 mm
- hard metal edges: 65 Mn (HRC: 52°)
- **nonslip grip**
- precise cutting



Pro'sKit®

HT 109

CUTTING PLIERS

- 130 mm
- hard metal edges
- **for cutting and stripping**
- with spring mechanism



material	cutting thickness
soft steel	0,8 mm
copper	1,2 mm

CP-080E

WIRE STRIPPING TOOL

- 172 mm
- **cable stripping: 0,2 - 6 mm²**
- for cutting and stripping
- adjustable stripping length



Pro'sKit®

6PK-501

PROFESSIONAL CABLE STRIPPER

- **quick and safe stripping and cutting**
- rotating around the cable
- **for cable diameters from 3,2 to 9 mm**
- **coax and phone cable, single-core, multi-core, flat, round, UTP/FTP/STP**
- diameter setting screw
- U and V shaped cable guards
- length: 112 mm



Pro'sKit®

8PK-3001D

PRECISION CABLE STRIPPING PLIERS

- 0.2/0.3/0.4/0.5/0.6/0.8 mm
- 3in1: **strips, cuts, clamps**
- **stripping without damaging the wire**
- specially designed for precise electronic tasks
- safety lock
- **spring structure for long-term comfortable use**
- non-slip, practical handle
- solid and sharp, made of SK7 steel
- can be hung
- length: 156 mm



Pro'sKit®

SR-335

CABLE CUTTER-STREENER-CRIMPER

- 3in1: for 3 different uses
- **cutting PVC wires and cables:** max. 100 mm²
- **wire stripping:** 0.3-6.0 mm²
- **crimping of connectors:** 2.5 mm² and 6.0 mm²
- inside handle made of steel, made from one piece
- **Japanese-made** stainless steel (420J2)
- steel hardness: 53° ± 2°
- non-slip, ergonomic handle
- safety lock
- **long-lasting** professional tool
- belt clip included
- length: 200 mm



Pro'sKit®

EVHF6

SELF-ADJUSTING SLEEVE PRESSING PLIERS

- FOR INSULATED AND NON-INSULATED SLEEVES
- the latest self-aligning technology:
- **automatic sleeve size adjustment**
- ferrule sizes: **0.25-6.00 mm²**
- **six-sided pressing**, almost round
- the sleeve **fits more tightly** on the wire, thus reducing the chance of damaging the cable
- the pressing range can be set
- **gives high torque with low pressure**
- solid, professional construction
- **automatic lock**
- length / weight: 175 mm / 400 g
- recommended ferrule set: EVH SET



8PK-A202

FORGED CABLE-CUTTER PLIER

- **for stranded aluminum or copper wires up to 25 mm²**
- solid, forged tool
- efficient, **energy-saving work**
- clean shearing cut (does not cut steel)
- **professional cutting edges:** 60° ± 5°
- material / hardness: SCM 440 / HRC: 45
- length: 160 mm

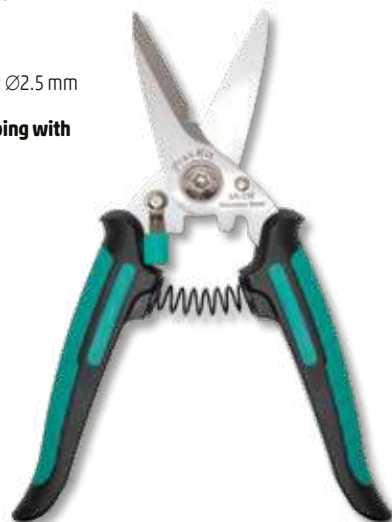


Pro'sKit®

SR-338

PROFESSIONAL UNIVERSAL CUTTING SCISSORS

- ideal for various materials
- **wire, metal mesh, fabric, rubber tube, leather, etc.**
- serrated stainless steel blade
- aluminum sheet: 1 mm, plastic: 2 mm, rubber, leather: 5 mm
- aluminum and copper wire: Ø2.5 mm
- power cable: 5.5 mm²
- **safe cable cutting or stripping with positioning slot**
- safety lock for storage
- material / hardness: SCM 420 J2 / HRC: 53° ± 2°
- length: 185 mm



Pro'sKit®

EVHSET

SLEEVE SET

- **7 different sizes, insulated, 1200 pcs**
- mixed: 0.5-6.00 mm²
- in a practical storage box
- recommended tool: EVHF6

	6,0 mm ² (50 pcs)
	4,0 mm ² (50 pcs)
	2,5 mm ² (250 pcs)
	1,5 mm ² (250 pcs)
	1,0 mm ² (200 pcs)
	0,75 mm ² (200 pcs)
	0,5 mm ² (200 pcs)



PM-386

PROFESSIONAL CABLE TIE CUTTER PLIERS

- two cutting methods
- **cutting the tie or cutting the end**
- fast, easy, safe
- **no damage to the wire when removing the tie**
- precise, clean cutting surfaces
- **no sharp parts that cause injury**
- comfortable use with spring-loaded handle
- safety lock



Pro'sKit®

6PK-230C

PRESSING PLIERS

- 220 mm
- **for crimping non-insulated terminals 0,5 - 6 mm²**
- **fixable stripping length**
- **rotary and removable stopper block**
- **6 kinds of selectable torques**



Pro'sKit®

8PK-371D

CABLE STRIPPER AND PRESSING PLIERS

- 210 mm
- **for insulated terminals: 0,5 - 6 mm²**
- **for non-insulated terminals: 0,5 - 6 mm²**
- **cutting wires**
- quick cable stripping: 0,2 mm² - 6 mm²
- **fixable stripping length**
- **rotary and removable stopper block**



Pro'sKit®

6PK-301H

PRESSING PLIERS

- 220 mm
- **for crimping insulated terminals**
- red: 0,5 - 1,0 mm²
- blue: 1,5 - 2,5 mm²
- yellow: 4 - 6 mm²
- **fixable stripping length**
- **rotary and removable stopper block**
- **6 kinds of selectable torques**



Pro'sKit®

6PK-230PA

PRESSING PLIERS

- 230 mm
- **hexagonal crimping for coaxial connectors**
- **for 5 size of cables: 1,73/ 2,49/ 5,41/ 6,48/ 8, 15 mm**
- coaxial cables: RG 55/ 58/ 59/ 5/ 6
- with ratchet gear, automatic locking
- soluble locking in case of wrong crimping
- cutting wires
- quick cable stripping: 0,2 mm² - 6 mm²
- **fixable stripping length**
- **rotary and removable stopper block**
- **6 kinds of selectable torques**



Pro'sKit®

8PK-313B

CABLE STRIPPER AND PRESSING PLIERS

- 230 mm
- **for crimping insulated and non-insulated terminals**
- insulated:
 - red: for 1,5 mm²
 - blue: for 2,5 mm²
 - yellow: for 6 mm²
- non-insulated: for 1,5/2,5/- 6 mm²
- **wire cutting**
- **stripping wires**: for 0,75 - 6 mm²
- shortening screws: M2,6 / M3 / M3,5 / M4 / M5



Pro'sKit®

CP-342

UTP-RJ45-8P8C QUICK CRIMPING PLIERS

- designed for through, **open-ended plugs** (TS 51PRO)
- **strips, crimps and cuts at the same time**
- faster work, less errors, better contact
- safety lock for easy storage
- precision, reinforced moving head structure
- **can also be used with traditional plugs**



TS 51PRO



Pro'sKit®

TW 3-6

CRIMPING PLIERS FOR TELEPHONE PLUGS

- 210 mm
- ABS plastic
- **for 4/4, 6/6, 8/8 connectors**
- two kinds of stripping length (6/12 mm)
- wide edges
- **cutting, stripping, crimping**



4/4 6/6 8/8



SZK 21

CUTTER

- plastic housing
- **metal blade lead**
- **accessory:**
- **1 pc 18 mm slot**



SZK 20

CUTTER

- plastic housing
- **accessory:**
- **1 pc 18 mm blade**



TW 4-6

CRIMPING PLIERS FOR TELEPHONE PLUGS

- 210 mm
- metal
- **for 4/4, 6/6, 8/8 connectors**
- two kinds of stripping length (6/12 mm)
- **cutting, stripping, crimping**
- **releasable, automatic latching**



KTG 01

HAND STAPLER

For stapling cardboard, leather or fabrics to hardwood, softwood, particle board or other plywood.

- **3in1**, for use with:
- U type staple: 4 - 11 mm
- narrow U type staple: 10-12 mm
- T type nail: 8 - 14 mm
- T type nail
- **accessories: 300 pcs 8 mm U type staples included**
- dimensions: 159 x 24 x 109 mm



KTG 01/T

STAPLER SET

- 200 pcs 8 mm staples
- 200 pcs 10 mm T type staples
- 200 pcs 12 mm U type staples



SZKB 21

SPARE BLADE

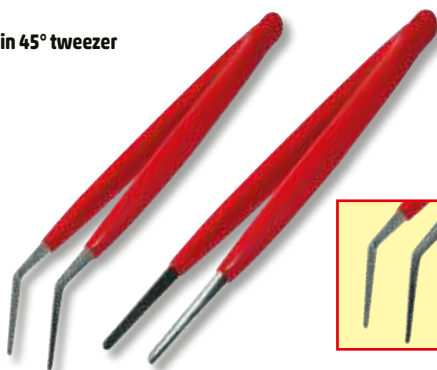
- for SZK 20, SZK 21, SZK 30, SZK 31, WT6079 cutters
- 18 mm
- 10 pcs/package



908-T301

TWEEZERS SET FOR TECHNICIAN

- 150 mm long
- **straight and bended in 45° tweezer**
- knurled surface
- insulated coating



Pro'sKit®

MA-019

HANDHELD LED LIGHT MAGNIFIER

- lighting: **8 LED lights**
- **banknote: 1 UV LED**
- **high quality lens**
- lens diameter: Ø56 mm
- **magnifying: 3x (8 dioptres)**
- electronic switch
- power supply: 3 x AAA (1,5 V) batteries, not included



Pro'sKit®

MA-016

ILLUMINATED MAGNIFIER WITH HEADBAND

- basic lens + folding double lens + rotating lens
- **3 types of magnification** can be achieved by combining the lenses: **x 1.8/x 2.6/x 5.8**
- anti-scratch coating on the lenses
- **can be tilted up and down and sideways LED lamp**
- the LED lamp is removable, also as a manual light source can be applied
- massive, by hand compressible **metal adjustment screws**
- adjustable for head size plastic strap
- power supply: 2 x AAA (1.5 V), not included
- weight: 196 g

Pro'sKit®





TU181

TRUE UTILITY HANDYONE

- **ultimate 18in1 handy tool**
- **spring loaded stainless steel pincers**, wire cutter, flat screwdriver, file, Phillips screwdriver, **saw**, **bottle opener**, knife with 7 cm blade length and serrated section, **magnetic bit holder** and **9 bit types included**: #1, #2, and #3 Phillips, 1/8", 3/16" and 1/4" flat, and H3, H4 and H5 hexagonal
- **stainless steel frame**
- **ergonomic handle made of anodised aluminium**
- handy bit holder case
- dimensions (folded): 10,8 x 3,8 x 2,5 cm

VIDEO



TU182

TRUE UTILITY FIRERANGER

- a multi-tool for real survivors
- one-handed knife with locking 7 cm blade, **flint**, **emergency whistle**, spring-loaded stainless steel **pliers**, wire cutter, Phillips screwdriver, file and **saw**
- carrying case
- dimensions (folded): 10,8 x 4 x 2,6 cm



TU195K

TRUE UTILITY MINIMULTI

- all essential tools in one place
- **10 functions**
- Phillips screwdriver, **scissors**, **bottle opener**, medium flat screwdriver, **saw**, **spring**, **stainless steel pincers**, **wire cutter**, large flat screwdriver, file, knife
- dimensions (folded): 7,6 x 3,8 x 1,6 cm



TU180K

TRUE UTILITY SEVEN

- **top quality, super compact multi-tool**
- **9in1 basic tool**: **spring loaded**, **stainless steel pincers**, wire cutter, **Phillips screwdriver**, **bottle opener**, knife, **saw**, flat screwdriver, carabiner clip, file
- stainless steel frame
- ergonomic aircraft grade aluminium handles
- quick release carabiner clip
- dimensions (folded): 8,5 x 3 x 1,5 cm

VIDEO



TU6869

TRUE UTILITY SMARTKNIFE+

- **knife with 15 essential tools**
- **small/medium/large flat screwdriver**, ruler with **English and Metric scales**, cable stripper in three sizes, **6 mm / 8 mm / 10 mm / 12 mm / 14 mm wrenches**, **bottle opener**, **magnetic 1/4" bit driver slot**, belt clip, pry bar, file, magnetic Phillips bit
- sandblasted stainless steel make
- 5,5 cm blade length with 2 cm serrated section
- dimensions (folded): 11,2 x 4,2 x 1,4 cm

VIDEO



TU571K

TRUE UTILITY SKELETONKNIFE

- locking blade
- **stainless steel blade**
- 4 cm blade length
- anodised aluminium casing
- comfortable grip for both right- and left-handers
- **anchorage for a carabiner clip**
- dimensions (folded): 6,3 x 2,4 x 0,65 cm



TU208K

TRUE UTILITY MINIMALIST

- **designer knife and pocket tool**
- **carabiner clip**, small/large flat screwdriver, file, line cutter, black titanium coating, **stainless steel knife**
- lightweight and slimline design
- dimensions (folded): 8,6 x 2 x 1,2 cm



TU7060N

TRUE UTILITY MODERN KEY CHAIN KNIFE

- **Modern KeyChain**, compact knife with stylish modern design
- non-locking blade
- **stainless steel blade**
- 4 cm blade length
- **carabiner clip**, **bottle opener**, **pry bar**, **large flat screwdriver**, **anodised aluminium handle**
- dimensions: 7,6 x 1,7 x 0,8 cm

VIDEO



TU206K

TRUE UTILITY FISHFACE

- **18 tools - all in one**
- **carabiner clip**, small/medium/large **flat screwdriver**, pry bar, bicycle spoke spanner, safety blade, 4 mm / 6 mm / 1/4" / 8 mm / 10 mm **wrenches**, bottle opener, fingernail cleaner, small/medium/large Phillips screwdriver, file
- **black titanium coated 420 grade stainless steel**
- very light and takes up little space
- lightweight and slimline design
- dimensions: 7 x 2,9 x 0,9 cm



VIDEO



TU214K

TRUE UTILITY SHARKEY

- **all the tools you need in the size of a bite**
- **carabiner clip**, small/medium/large flat screwdriver, small/medium/large Phillips screwdriver, file, fingernail cleaner, line cutter, 1/4" wrench, **bottle opener**
- **12in1**
- ultra compact design
- dimensions: 2,5 x 0,8 x 6,8 cm



TU215K

TRUE UTILITY NAILCLIP KIT

- **compact nail care kit**
- **5in1 compact nail care kit**
- **nail clippers, knife, nail file, nail cleaner, nail scissors**
- stainless steel make
- dimensions: 5,6 x 1,5 x 0,9 cm

VIDEO



TU918

TRUE UTILITY CLIPLITE

- **keyring clip and rechargeable light**
- 4 functions: high brightness static white / low brightness static white / static red / flashing red light
- **stainless steel frame**
- **47 lm COB LED**
- up to 20 hours operation
- **built-in Li-ion battery**
- micro USB charging cable included, and built-in micro USB socket
- **genuine cowhide strap**
- dimensions: 13 x 3,4 x 1,6 cm



TU919K

TRUE UTILITY BUTTONLITE

- **personal hands-free rechargeable light**
- 4 functions: high brightness static white / low brightness static white / static red / flashing red light
- **47 lm COB LED**
- up to 20 hours operation
- **built-in Li-ion battery**
- micro USB charging cable included, and built-in micro USB socket
- **stainless steel frame**
- dimensions: 4,3 x 3,3 x 1,6 cm



TU407K

TRUE UTILITY TURBOJET® FIREWIRE

- **powerful and windproof turbojet lighter**
- **efficient and compact windproof lighter**
- **refillable with standard lighter gas**
- one-handed operation
- adjustable flame
- **alloy metal body**
- dimensions: 7 x 2,5 x 3,5 cm



TU262K

TRUE UTILITY FIRESTASH

- **small, waterproof lighter and keychain**
- chromium plated zinc make
- **works with standard lighter fluid**
- dimensions: 4,5 x 1,5 x 1,5 cm



VIDEO



TU246K

TRUE UTILITY TELEPEN

- **special telescopic design**
- **brushed stainless steel telescopic body**
- aluminium casing
- 3 pen refills included
- **magnetic top**
- dimensions folded, with cap, but without keyring: only Ø0,7 x 6 cm



TU590

TRUE UTILITY CRAFTY

- **compact, folding knife**
- easy to attach to your backpack or clothes
- black titanium coated handle
- **easy to replace blade**
- **2 spare blades included**
- dimensions: 11 x 2,6 x 0,9 cm



Home hifi and sound equipment

PAS12W243S

PROFESSIONAL STEREO SOUND SYSTEM

- **gigantic power (800 W)**
- extremely powerful, dynamic sound
- 2-way active bass-reflex sound box system
- **9 built-in speakers**
- 8x3" wideband neodymium speaker
- **12" (300 mm) subwoofer** with large voice coil
- high efficiency Class-D amplifier
- **BT TWS wireless connection**
- expandable to a dual-power stereo sound system by wirelessly pairing two identical sound systems
- any number of sound boxes can be wired
- **colour screen with intuitive graphical menu**
- **low-mid-high tone control**
- DSP digital sound processor
- oversteering LED
- inputs: MIC XLR / 6.3 mm, LINE XLR / RCA / 6.3 mm, BT
- outputs: LINE XLR, Speakon speaker jacks
- small footprint, stable construction
- easy to carry, compact solution
- solid MDF wooden sound box
- **two stands**, power cable, two Speakon cables included
- subwoofer / satellite:
- 370 x 480 x 520 mm / 85 x 450 x 105 mm x2
- maximum height with stand: 1840 mm



PAS12W243ST
(included)

PAS12W243ST

ACCESSORY STAND FOR PAS12W43S PROFESSIONAL STEREO SOUND SYSTEM

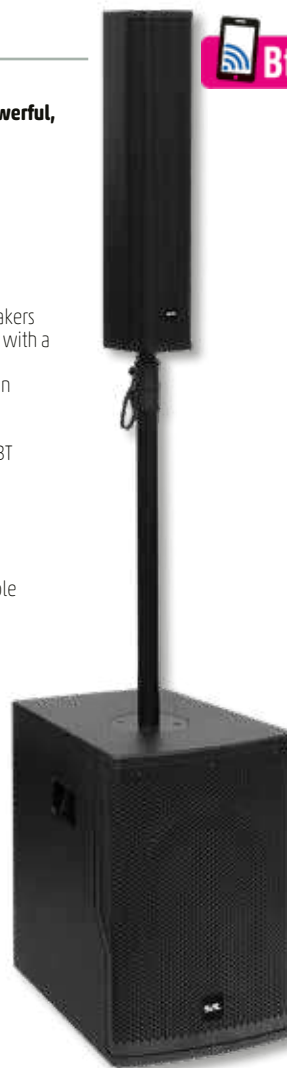
This stand is suitable only for the PAS12W43S product. It is part of the set, but is delivered separately. The diameter of the rod is 25 mm.



PAS10W43S

PROFESSIONAL SOUND SYSTEM

- **huge performance, exceptionally clean, powerful, dynamic sound, 800/400 W**
- 2-way active bass-reflex speaker
- **5 built-in speakers**
- 4 x 3" wideband neodymium speakers
- **10" woofer** with large voice coil (2")
- high efficiency **Class-D amplifier**
- **BT TWS wireless connection**
- into a high-performance stereo sound system can be expanded by pairing two identical speakers
- **any number of sound boxes can be lined up** with a wire
- **BASS BOOST** bass enhancement or attenuation
- **DSP digital sound processor**
- audio signal and LED indicating over-control
- inputs: MIC XLR/6.3 mm, LINE XLR/RCA/6.3 mm, BT
- outputs: LINE XLR, Speakon speaker socket
- slim, clean appearance
- stable construction that **requires little space**
- easily portable, compact solution
- **solid MDF wood sound box**
- accessories: stand, network cable, Speakon cable
- subwoofer / satellite:
322 x 445 x 470 mm / 85 x 450 x 105 mm
- **maximum height with stand: 1780 mm**



PAS8W42S

PROFESSIONAL SOUND SYSTEM

- **clear, powerful, dynamic sound, 600/200 W**
- 2-way active bass-reflex speaker
- **5 built-in speakers**
- 4 x 2" wideband neodymium speakers
- **8" woofer** with large voice coil
- **BT TWS wireless connection**
- can be expanded into a high-performance stereo sound system by pairing two identical speakers
- **any number of sound boxes can be lined up** with a wire
- **DSP digital sound processor**
- LED indicating over-control
- inputs: MIC1-2 XLR/6.3 mm, LINE1-2 XLR/6.3mm, 3.5mm/2xRCA/BT
- output: LINE XLR
- **can be assembled at 3 different heights**
- stable construction that requires little space
- **easily portable, compact solution**
- accessories: **two rack adapters**, network cable
- subwoofer / satellite:
290 x 450 x 380 mm / 78 x 480 x 74 mm
- **maximum height: 1860 mm**



PAP43BT

PROFESSIONAL SOUND BOX WITH MULTIMEDIA PLAYER

- clear, powerful, dynamic sound, 1200 W / 400 W
- 2-way active bass reflex sound box
- **15" huge subwoofer** (38 cm)
- wireless **BT connection**
- **USB/SD music playback**
- inputs: MIC XLR, LINE1-2 XLR / 6.3 mm / 2xRCA
- output: LINE XLR
- **treble / bass tone control**
- optional with wire No. **sound box can be classified**
- **alphanumeric digital display**
- overdrive indicator LED
- **stage monitor** function (can be laid on its side)
- Ø35 mm can be placed on a stand
- easily portable, compact solution
- **solid, impact-resistant** casing
- accessory: network cable
- size: 420 x 700 x 390 mm



PAX 42BT

ACTIVE SOUND BOX AND MULTIMEDIA PLAYER FOR BANDS

- dynamic, powerful sound (**400 W / 250 W**)
- **wireless BT TWS connection**
- **music playback from USB/SD device**
- FM radio with automatic station tuning
- tone adjustment: **treble, bass, EQ**
- inputs: **USB/SD, BT, FM, MIC, LINE**
- outputs: LINE, Speakon speaker output
- a second sound box can also be connected (option: PAX 42PRO)
- **up to 4 sound boxes can be connected to set up a high-power sound-system**
- over control indicator LED
- **stage monitor** function (with box laid on its side)
- **can be installed on a Ø35mm stand**
- massive, impact resistant cover
- rear wheel set
- including: remote-control, batteries (CR2025), power cord included
- dimensions: 45 x 71 x 37 cm



PAX 42PRO

SOUND BOX FOR BANDS

- dynamic, powerful sound (**400 W / 250 W**)
- **professional titanium high frequency speaker**
- **large size, 15" low frequency speaker**
- input: Speakon speaker connector
- for connection to an active sound box or amplifier
- ideal pair: PAX 42BT active sound box (optional)
- **stage monitor** function (with box laid on its side)
- can be installed on a Ø35mm stand
- massive, impact resistant cover
- rear wheel set
- dimensions: 45x71x37cm



PAR 2200BT

PORTABLE PARTY SOUND BOX

ILLUMINATED SPEAKERS AND PROJECTION ON THE WALL BEHIND AND THE FLOOR IN FRONT

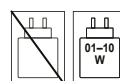
- **2x woofer + 2x tweeter (120 W)**
- wireless BT connection
- MP3 playback from USB/SD device
- **MP3 recording to USB/SD device** (BT, LINE IN, MIC, FM)
- archiving and digitization of old audio materials (cassette, disc, VHS)
- FM radio with blue LED display, automatic tuning
- treble and bass tone, megabass and EQ sound effects
- microphone echo control
- 2x KARAOKE microphone input (6.3 mm)
- 2x RCA AUX audio input (LINE IN)
- built-in battery
- **automatic fast charging with LED indicator**
- charge status on the display
- **long operating time; up to 14 hours on a single charge**
- continuous operation from the network or battery
- remote control power supply: 2 x 1.5 V (AAA) batteries, not included
- accessories: remote control, mains charging cable, audio cable
- size: 310/250 x 640 x 380 mm / 10.6 kg



PAR20BTC

PORTABLE PARTY SOUND BOX

- LED light effect
- **wireless BT connection**
- music playback from mobile phone, computer
- MP3 playback from USB device
- **FM radio with automatic station-search**
- microphone socket, **KARAOKE function**
- 3,5 mm AUX audio input
- built-in Li-ion accumulator
- automatic charging with LED indicator
- **40 W, expected operation time: 10 hours**
- digital, red LED display
- light, compact, portable design
- power supply of remote control: 1 x 3 V (CR2025) button cell, included
- remote control, USB-C charging cable
- dimensions: 300 x 420 x 220 mm / 2,7 kg



PAR2400BT

PORTABLE PARTY SOUND BOX

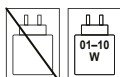
- 2-way sound system, **160 W**
- **double woofer**, bass-reflex
- wireless BT connection
- wireless **BT TWS connection**: two identical sound boxes can be paired wirelessly
- **MP3 playback** from USB/microSD device
- **high/low/EQ** tone control
- **phone holder slot**
- white digital display
- **extra spectacular LED light effect** (can be switched off)
- LINE input (3,5 mm)
- **guitar input** (6,3 mm)
- two microphone jacks, **can be re-recorded**
- the sound of the microphones can be recorded to USB/microSD storage
- built-in battery
- automatic charging with LED indicator
- expected charging / operating time: ~13 h / ~13 h
- accessories: remote control, power cord
- remote control power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 320 x 710 x 330 mm / 12,5 kg



PAR2100BT

PORTABLE PARTY SOUND BOX

- 2-way sound system, **80 W**
- **double woofer**, bass-reflex
- wireless BT connection
- wireless **BT TWS connection**: two identical sound boxes can be paired wirelessly
- **MP3 playback** from USB/microSD device
- **FM radio** with internal antenna
- **high/low/EQ** tone control for all signal sources
- **phone holder slot**
- white digital display
- **extra spectacular LED light effect** (can be switched off)
- two microphone jacks, can be re-recorded
- **KARAOKE function**: suppresses the original singer's voice
- automatic mixing and unmixing of music during audio playback
- **the sound of the microphones can be recorded** to USB/microSD storage
- AUX audio input (3,5 mm)
- built-in battery
- **automatic charging** with LED indicator
- expected charging / operating time: ~13 h / ~26 h
- included: **remote control**, USB-C charging cable
- remote control power supply: 2 x 1,5 V (AAA) batteries, not included
- recommended chargers: SA 24USB, SA 50USB
- dimensions: 250 x 566 x 260 mm / 5,6 kg



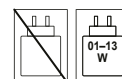
PARCUBE



PORTABLE BOOM-BOX

WATER RESISTANCE: IPX5 PROTECTION

- high-performance stereo sound system
- **100 W output power**
- 2x high+ mid-bass+ 2x sub-bass radiators
- **2x wireless microphones**
- double the volume and extended stereo experience:
two identical speakers can be paired wirelessly
- wireless BT TWS connection
- USB/microSD input for stereo music playback
- 3.5 mm stereo AUX audio input
- music modes: outdoor, indoor, karaoke
- **exclusive LED light effect**, can be switched off
- **can be placed on a stand** (option: HT920)
- built-in battery with automatic charging
- expected charging / operating time: ~5 h / ~9 h
- USB-C charging cable, 3.5 mm stereo audio cable, included
- recommended chargers: SA 20PPS, SA 24USB
- dimensions: 255 x 276 x 248 mm / 3,5 kg



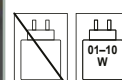
BTCUBE



PORTABLE BOOM-BOX

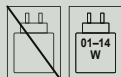
SMALL SIZE - OUTSTANDING SOUND

- high-performance stereo sound system
- **3 built-in speakers / 70 W**
- **separate amplifiers** per speaker
- unique bass-reflex technology
- **extra deep bass sound**
- double the volume and extended stereo experience:
two identical speakers can be paired wirelessly
- wireless BT TWS connection
- USB MP3 stereo music playback
- 3.5 mm stereo AUX audio input
- 6.3 mm microphone and guitar inputs
- EQ BASS tone control
- **mobile charger "power bank" function**
- indication of the charge level
- variable colour LED light effects
- powerful white **strobe effect**
- **IPX4 protection**: protected against splashing water
- built-in battery with automatic charging
- expected charging / operating time: ~7 h / ~8 h
- included: USB-C charging cable, 3.5 mm stereo audio cable
- recommended chargers: SA 50USB, SA 24USB
- dimensions: 280 x 337 x 276 mm / 4,7 kg

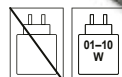


BT9000**PORTABLE BOOM-BOX****WATER RESISTANT:** IPX5 PROTECTION

- high-performance stereo sound system
- **100 Watt output power**
- **2x treble + 2x mid + 1x bass + 2x passive woofers**
- double the volume and extended stereo experience: two identical speakers can be paired wirelessly
- wireless **BT TWS connection**
- USB/microSD input for stereo music playback
- 3,5 mm stereo AUX audio input
- **music modes:** outdoor, indoor, karaoke
- LED light effect, can be switched off
- **Soft Touch control panel**
- exclusive, textile-coated cover
- built-in battery with automatic charging
- expected charging / operating time: ~7h / **~10 h**
- accessories: USB-C charging cable, 3,5 mm stereo audio cable, strap
- recommended chargers: SA 50USB, SA 24USB
- dimensions: 507 x 223 x 188 mm

**BT 7000****PORTABLE BOOM-BOX****WATER RESISTANT:** IPX6 PROTECTION

- high performance stereo sound system, **60 W**
- **2x high + 2x low-medium + 2x passive sub-woofer**
- double volume and advanced stereo experience: wireless pairing of two identical speakers
- wireless **BT TWS connection**
- USB input for stereo music playback
- 3.5 mm stereo AUX audio input
- **EQ tone modes**
- LED light effect modes (can be disabled)
- **built-in microphone** for easy call answering
- power bank function: phone charging through USB port
- exclusive textile cover
- built-in battery with automatic charging
- expected charging / **operating time: ~4h / ~12h**
- accessories: USB-C charger cable, 3.5 mm stereo audio cable
- recommended chargers: SA 24USB, SA 50USB
- dimensions: 310 x 152 x 118 mm



BT 5000

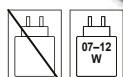
PORTABLE BOOM-BOX

WATER RESISTANT: IPX5 PROTECTION

- **high gain stereo amplifier**
- powerful surround sound
- double volume and advanced stereo experience: **two identical Boom-Boxes with wireless pairing capability**
- wireless BT TWS connection
- MP3/WMA/WAV/APE/FLAC playback from USB devices
- **FM radio** with automatic station tuning
- easy handling; **all buttons located on the carrying handle**
- **built-in microphone** for easy call answering
- Google Assistant and Siri voice control
- **RGB LED** side by side subwoofers, switchable LED
- exclusive textile coating
- **2.0 Stereo + Dual-Bass speakers, 50 W**
- 3.5 mm AUX audio input
- built-in battery with automatic charging
- expected charging / **operating time:** ~6.5 h / **~30 h**
- USB-C charging cable, 3.5 mm audio cable included
- recommended chargers: SA 2000UC, SA 24USB, SA 50USB
- dimensions: 354 x 187 x 144 mm



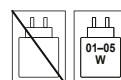
VIDEO



BT2000

PORTABLE BOOM-BOX

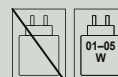
- 2 stereo speakers, **20 W**
- large **subwoofer** on the back
- dynamic, rich sound
- stereo wireless **BT TWS connection**
- double volume, extended stereo sound: two identical devices can be paired wirelessly
- stereo **music playback from USB/microSD device**
- stereo **AUX wired input**, e.g. for computer
- **hands-free phone** function
- versatile RGB LED light show (can be switched off)
- light effects changing on sound
- spectacular **volume-indicating light rings**
- IPX5 protection: **water resistant**
- built-in battery with automatic charging
- expected charging / operating time: ~6 h / **~11 h**
- can be used in both standing and lying position
- robust, stable construction
- USB-C charging cable included
- recommended chargers: SA 24USB, SA 50USB
- dimensions: 215 x 88 x 88 mm



BT 1000

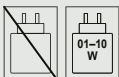
PORTABLE BOOM-BOX

- **powerful bass sound**
- double volume and extended stereo experience: **two of the same Boom-Boxes can be paired wirelessly**
- wireless BT TWS connection
- **FM radio** with automatic tuning
- **MP3 playback** from USB and microSD devices
- **built-in microphone** for easy call reception
- switchable RGB LED light effects
- exclusive, textile coating
- **with passive subwoofer, 5 W**
- built-in battery with automatic charging
- expected charging / **operating time:** ~4 h / **~15 h**
- accessory: USB-C charging cable
- recommended chargers: SA 24USB, SA 50USB
- dimensions: 110 x 131 x 110 mm

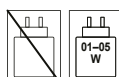


BTWORKPRO**WORK AND LEISURE SPEAKER**

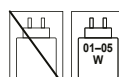
- **dust, water and impact resistant** (IP55)
- sturdy, robust construction
- clearly visible, **luminous hour display**
- large **LED side light**
- mobile phone holder tray on top
- **power bank**: can charge mobile phones (USB-C)
- **FM radio** with manual and automatic tuning
- wireless **BT connection**
- **music playback from USB device**
- AUX audio input (3.5 mm)
- headphone output (3.5 mm)
- broadband speaker, **10 W**
- built-in battery
- **extra long operating time**
- expected charging / operating time: ~7 h / ~35 h
- included: USB-C charging cable
- recommended chargers: SA 24USB, SA 50USB
- dimensions: 203 x 230 x 126 mm

**BTWORKY****WORK AND LEISURE SPEAKER**

- **lightweight but robust** multimedia player
- highly **scratch- and impact-resistant cover**
- ideal for use while working
- extremely long operating time
- **FM radio** with automatic tuning
- wireless **BT TWS connection**: two identical devices can be paired wirelessly
- **music playback** from USB and microSD devices
- AUX wired input
- adjustable KARAOKE microphone input
- broadband, **bass-reflex speaker, 8 W**
- RGB LED speaker lighting
- built-in battery with automatic charging
- expected charging / **operating time**: ~5 h / ~20 h
- USB-C charging cable, AUX cable included
- recommended chargers: SA 24USB, SA 50USB
- dimensions: 325 x 225 x 150 mm

**BT4000****WIRELESS SPEAKER**

- **HiFi Stereo quality sound**
- built-in **bass-reflex subwoofer**
- wireless **BT TWS connection**: two identical devices can be paired wirelessly
- AUX wired input, 3.5 mm stereo
- **telephone speakerphone with built-in microphone**
- stereo output power: **16 W**
- **extra long operating time**
- clean, timeless design
- **"Soft Touch" buttons**
- removable rubber carrying handle
- built-in battery with automatic charging
- expected charging / **operating time**: ~8h / ~18h
- USB-C charging cable, AUX cable included
- recommended chargers: SA 24USB, SA 50USB
- dimensions: 273 x 152 x 78 mm

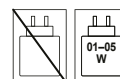




RRT7

WIRELESS SPEAKER

- clean retro design
- **sophisticated wood and textile materials**
- multimedia device, **10 W**
- **FM radio** with automatic tuning
- stereo wireless **BT TWS connection**
- double volume, extended stereo sound: two identical devices can be paired wirelessly
- stereo **music playback** from USB/microSD device
- stereo **AUX wired input**, e.g. for computer
- hands-free phone function
- built-in battery with automatic charging
- expected charging / operating time: ~6 h / **~10 h**
- included: USB-C charging and antenna cable
- recommended chargers: SA 24USB, SA 50USB
- dimensions: 382 x 110 x 120 mm

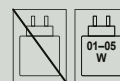


SB 2000

SOUND BAR

WATER RESISTANT: IPX5 PROTECTION

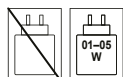
- **stereo sound system with passive subwoofer**
- dynamic, full, stereophonic sound, **16 W**
- **double volume and advanced stereo experience:**
- **wireless pairing of two identical speakers**
- wireless **BT TWS connection**
- 3.5 mm **AUX audio input**
- easy operation **with touch buttons** on the side
- music-movie-game EQ tone modes
- **built-in microphone** for answering calls with ease
- exclusive textile cover
- built-in battery with automatic charging
- expected charging / operating time: ~3 h / **~10 h**
- accessories: USB-C charger cable, 3.5 mm stereo audio cable
- recommended chargers: SA 24USB, SA 50USB
- dimensions: 350 x 68 x 72 mm



MECHAPOWER

WIRELESS SPEAKER

- futuristic design, **transparent cover**
- **variable RGB LED light play**
- **battery charge display** (0-100%)
- digital **volume display** (0-30)
- double volume and extended stereo experience: two identical speakers can be paired wirelessly
- wireless **BT TWS connection**
- **music playback** from a USB device
- **2 stereo speakers, 20 W**
- **superbass subwoofer on the back**
- built-in battery with automatic charging
- expected charging / operating time: ~4 h / **~8 h**
- USB-C charging cable included
- recommended chargers: SA 24USB, SA 50USB
- dimensions: 215 x 100 x 52 mm



PCS 230

MULTIMEDIA SPEAKER PAIR

- alternating **RGB LED light effect**
- active stereo speaker pair, **2x3W**
- simultaneous **wired and wireless connection**
- e.g., wired connection to a computer, and BT connection to a mobile phone
- wireless BT connection
- **3.5mm jack for AUX audio input**
- **built-in power cord with USB plug**
- power supply from a computer or adapter (optional)
- recommended mains USB adapter: SA 24USB, SA 50USB
- dimensions: 65 x 100 x 75 mm (x2)



SAL 200BT**MULTIMEDIA SPEAKER PAIR**

- dynamic stereo sound
- **traditional, transistor Hi-Fi amplifier**
- **3-way, bass-reflex design, 2 x 80 W**
- wireless BT connection
- listening to music from a mobile device, computer
- music playback from a USB/SD device
- FM radio with automatic and manual tuning and storage
- wired stereo audio input (2 x RCA)
- **ideal for improving TV sound** (option: DTA AUDIO)
- two microphone inputs (2 x 6.3 mm)
- **KARAOKE function adjustable with echo**
- operation with touch buttons
- high and low tone control, EQ
- the brightness of the LED display can be adjusted
- **timed, automatic switch-off**
- classic, solid MDF wood construction
- accessories: **remote control**, audio connection cable, decorative feet
- remote control power supply: 2 x 1.5 V (AAA) batteries, not included
- dimensions: 140 x 600 x 350 mm (2 pcs)

**BXB 10050P****SPEAKER PAIR**

- **3-way bass-reflex Hi-Fi speaker pair**
- reinforced ABS plastic, metal protective grille
- can be used in both standing and lying positions
- mountable or hangable on the wall and ceiling
- tiltable and rotatable
- **can be placed on the furniture after removing the bracket**
- can be used in a vehicle, home, shop...
- can also be connected directly to a car radio
- recessed, clamped cable connector
- connectable to products with 4-8 Ohm output
- load capacity: 120 W (**2 x 60 W / 8 Ohm**)
- dimensions / weight: 140 x 210 x 120 mm / 960 g x 2

**BXB 100/8****2-WAY SPEAKER**

- **2in1:** for traditional and professional systems
- connectable to products with 4-8 Ohm output
- connectable to 70/100/110 V~ sound systems
- **adjustable volume:** 10 W-20 W-40 W
- **2-Way bass-reflex Hi-Fi speaker • silk dome tweeter**
- reinforced ABS plastic, metal protective grille
- can be used in both standing and lying positions
- mountable on the wall and ceiling
- tiltable and rotatable
- screw-in cable connection
- load capacity: **60 W / 8 Ohm, 40 W / 100 V~**
- dimensions / weight: 200 x 285 x 190 mm / 2,9 kg





BTA 250



STEREO MULTIMEDIA AMPLIFIER

- mini, **HiFi** multimedia amplifier
- premium **brushed aluminum** front panel
- **ideal for improving the sound quality of LCD/LED TVs**
- devices with digital audio output can also be connected
- wireless **BT connection**
- listening to music from a mobile device, computer
- **music playback from a USB device**
- **FM radio** with automatic tuning
- treble and bass control
- **adjustable microphone volume and echo**
- 2x KARAOKE microphone input
- 2x RCA stereo audio input (AUX)
- 2x RCA stereo audio input (CD)
- **digital coaxial input** (RCA)
- **digital optical input** (TOSLINK)
- output for active subwoofer (RCA)
- FM antenna connection, with wire antenna
- **2 x 50 W max.** / 4-8 Ohm
- remote control power supply: 2 x 1.5 V (AAA) batteries, not included
- power supply: 230 V~ / 50 Hz mains connection cable
- 200 x 65 x 150/170 mm
- requires two sound boxes (e.g. BXB 10050P, BXB 100/8)



BTA 215

WIRELESS BT AMPLIFIER

- built-in, hidden installation option
- **audio input: BT connection** (v4.1)
- **speaker output:** screw type
- the volume and tone can be adjusted on the BT source
- 20 Hz - 20.000 Hz
- **2 x 15 W / 4 Ohm**
- 2 x 10 W / 8 Ohm
- power supply: 230 V~ / 50 Hz mains connection cable
- dimensions: 155 x 36 x 54 mm



VIDEO



BTRC 1000



BT HIFI TRANSMITTER ADAPTER

STEREO STREAMING BOX
WIRELESS SOUND TRANSFER ALSO FOR OLDER DEVICES

- selectable **BT receiver or BT transmitter**
- wired "transmission" function (ByPass)
- **digital-analogue audio converter**
- **analogue-digital audio converter**
- **simultaneous pairing of two BT devices**
- for wired and wireless headphones
- 1.8" display: **no more blind pairing**
- for the versatile extension of HiFi systems
- audio input: Ø3.5 mm socket, Toslink*
- audio output: Ø3.5 mm socket, Toslink*
- power supply: USB-C socket*
- accessories: USB-C and 3.5 mm - 3.5 mm cable, optical connecting cable
- recommended adaptor: SA 24USB, SA 50USB
- dimensions: 116 x 22/30 x 66/84 mm

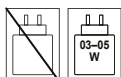


INR 5000/BK**INTERNET RADIO, 5IN1**

- 5in1 **Stereo** Internet radio
- **Internet world radio**
- **DAB+/DAB** digital radio
- **FM RDS** analog radio
- wireless **BT connection**
- **Media Center** network music library
- 6,1 cm colorful TFT LCD screen
- clock with adjustable brightness
- double **alarm** / sleep timer
- radio lists of continents and countries
- **more, than 23.000 radio stations**
- list of favorite stations
- handling from PC or mobile phone browser
- headphone connection
- AUX input (mobile, PC, multimedia...)
- LINE OUT output (active speaker, amplifier...)
- IN connection with cable or wirelessly
- LAN Ethernet RJ45
- **WiFi connection** 802.11b/g/n
- UPnP/DLNA compatible file sharing
- **2 x 5 W bass-reflex HiFi sounding**
- EQ styles, 3D and individual EQ setting
- accessory remote control, 2 x 1,5 V (AAA) batteries, not included
- mains adapter (9 V ~ / 2 A) included
- dimensions: 295 x 120 x 160 mm

**INR 3000****INTERNET RADIO, 4IN1**

- 4in1 portable multi-media
- **Internet world radio**
- **FM RDS** analog radio
- wireless **BT connection**
- **Media Center** network music store
- 6,1 cm colour TFT LCD screen
- sleep timer
- EQ styles, 3D and individual EQ setting
- list of radios of the continents and countries
- **23.000+ radio stations**
- list of favourite stations
- operable from PC or mobile browser
- add programmes manually as well
- **stereo headset connector**
- connectable to active sound box and amplifier
- wireless IN connection
- WiFi connection 802.11b/g/n (2.4)
- UPnP/DLNA compatible file sharing
- **2 Watt speaker for musical sounds**
- **integrated battery**
- expectable charging/operating time: 3.5 h/11 h
- USB-C charging cable, ~1.0 m included
- dimensions: 160 x 93 x 40 mm





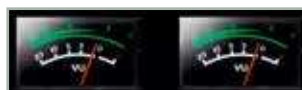
RRT BROOKLYN



RADIO CASSETTE RECORDER

RETRO DESIGN - MODERN TECHNOLOGY

- 4-band sensitive **stereo radio**
- wireless **stereo BT connection**
- **USB/microSD music playback and recording**
- **stereo cassette recorder with recording function**
- one-button quick start recording
- playback and recording **auto-stop**
- built-in sensitive microphone
- **digitising old cassettes to MP3**
- recording all signal sources to cassette
- record all signal sources to USB/microSD
- 2x5 LED audio level, **2 x 5 W**
- 2x **VU-METER Execution Meter**
- **stereo headphone** jack (3.5 mm)
- power supply: power cable included, 6 x 1,5 V (D/LR20) batteries, not included, external 9-12 V battery (not included)
- dimensions: 42,5 x 28 x 11,3 cm / 2,8 kg



RRT 11B

RETRO CASSETTE RECORDER RADIO AND MULTIMEDIA PLAYER

- **11 bands world receiver AM-FM-SW radio**
- fine tuning dual knob
- **cassette recording with auto-stop function**
- built-in **microphone**
- MP3/WMA playing from USB/SD device
- **digitalizing old analogue recordings**
- **recording on cassettes or onto USB/SD device from all available signal sources**
- voice of microphone or radio can be recorded in both cases
- **you can achieve your old cassettes digitalized in MP3 format** on USB or SD device
- headphone socket: Ø3.5 mm
- power supply: **power cable is included**
- 4 x 1,5 V (D/LR20) battery, not included
- external 6V ~ adapter, not included
- dimensions: 280 x 170 x 100 mm

RRT 4B

RETRO DESKTOP RADIO AND MULTIMEDIA PLAYER

- **4in1: BT + MP3 + AUX + RADIO**
- **wireless BT connection**
 - stereo music playback from mobile device, computer
 - controls your mobile phone's music player
 - MP3 playing from USB/microSD device
- **4-band AM-FM-SW1-SW2 radio**
- **EQ equalizer**
- wire stereo audio input (AUX IN)
- headphone connector socket (3,5 mm)
- classic wooden sound box with two speakers
- remote control for the multimedia functions (with 1 x 3 V (CR2025) button cell)
- expected charging time / operation time: ~8 h / **16 h**
- various power supply:
 - power cable for charging included**
 - built-in accumulator
 - 6xD/LR20 (1,5 V) batteries (not included)
 - external 9...12 V ~ adapter or accumulator (not included)
- dimensions: 320 x 210 x 150 mm



RRT3

RETRO PORTABLE RADIO AND MULTIMEDIA PLAYER

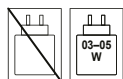
- **4in1: BT + MP3 + AUX + RADIO**
- **wireless BT connection**
 - **music playback from mobile device or computer**
 - playing MP3 files from USB/SD/microSD devices
 - wired audio input (AUX IN)
- **3-band AM-FM-SW radio**
- volume indicator 2 x 5 LEDs
- classic wooden box with carrying handle
- expected charging time / operation time: ~8 h / **12 h**
- power supply:
 - 4 x 1,5 V (D/LR20) battery, (not included)
 - power cable included**
- dimensions: 270 x 200 x 130 mm



RRT 6B

RETRO RADIO AND MULTIMEDIA PLAYER

- **HiFi STEREO** music playback, 2x5 Watts
- **6in1: BT + RADIO + USB + microSD + AUX + telephone speakerphone**
- stereo wireless BT connection
- listening to music from a mobile device, computer
- **microphone for telephone conversations**
- two-band; **AM - FM radio**
- stereo **music playback** from a USB/microSD device
- Soft Touch coated cover and retro fabric
- AUX IN wired audio input: Ø3.5 mm
- stereo **headphone socket**: Ø3.5 mm
- expected charging time / operating time: ~5 / ~22 hours
- **built-in battery**
- USB-microUSB cable and 3.5 mm audio cable included
- dimensions: 227 x 133 x 102 mm



RRT 2B

PORTABLE RETRO RADIO AND MULTIMEDIA PLAYER

- **4in1: BT + MP3 + AUX + RADIO**
- **wireless BT connection**
- music playback from mobile device, computer
- controls the mobile phone's music player
- MP3 playing from USB/microSD device
- **3-band AM-FM-SW radio**
- wired audio input (AUX IN)
- **extremely long service life: up to 20 hours with one charge**
- expected charging time / operation time: ~10 h / 20 h
- continuous operation from the mains or from accumulator
- **the operation time can be multiplied** by inserting an additional accumulator (18650) and batteries (LR20)
- various power supply:
- **power cable for charging, built-in accumulator, included**
- 3 x D/LR20 (1,5 V) batteries, not included
- insertable 18650 type accumulator, not included
- dimensions: 260 x 180 x 120 mm



RPR9**SOLAR HYBRID RADIO**

- multimedia player
- 3-track **FM-AM-SW** radio
- **wireless BT connection**
- listening to music from your phone, computer
- **music playback from USB/microSD device**
- AUX wired audio input: Ø3.5 mm
- **can be used without batteries**
- two power supply options: built-in battery or battery
- if the built-in battery discharges, it will continue to work on battery power
- **hybrid charging:** solar, grid or USB
- **extra long operating time** on a single charge
- expected (USB/network) charging / operating time: ~5 h / **~21 h**
- built-in Li-ion battery
- battery: 2 x 1,5 V (D/LR20), not included
- accessory: **power cable**
- dimensions: 228 x 150/195 x 85 mm

**RPH 2****MULTIFUNCTIONAL SOLAR RADIO**

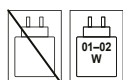
- **no batteries required**
- **hybrid charging: with a solar cell with a joystick or USB cable**
- real "end of the world" emergency radio: you can listen to news, light and charge with it
- **3-band, AM-FM-WB radio** with tuning indicator
- cold light **reflector**
- warm light **reading lamp**
- **USB charging output for mobile devices**
- wireless **BT connection**
- **music playback** from a USB/microSD device
- earphones or headphones can be connected (option)
- headphone socket: Ø3,5 mm
- SOS **alarm siren** in case of panic
- **high quality speaker**
- charge indicator LED and indication of the charge level
- built-in battery: ~4,000mAh
- expected charging / **radio operating time:** ~3h USB / **~40h**
- included: USB-C charging cable
- mains charger: SA 24USB, option
- dimensions: 160 x 80 x 66 mm

**RPH 1****SOLAR RADIO AND MULTIMEDIA PLAYER**

- **no batteries required**
- **hybrid charging: with solar cell or with USB cable**
- replaceable 18650 battery
- **3-band, AM-FM-SW radio**
- wireless **BT TWS connection**
- **music playback from a USB/microSD device**
- earphones or headphones can be connected (option)
- headphone socket: Ø3,5 mm
- **charge indicator LED**
- expected charging/operating time: ~2.5 h / **~11 h**
- accessory: USB charging cable, wrist strap
- mains charger: SA 24USB, option
- dimensions: 140 x 77 x 50 mm

**RPR 8****PORTABLE RADIO, AC/DC**

- **3-band, AM-FM-SW radio**
- sensitive radio reception
- **high volume**, easy handling
- compact, robust, portable design
- **can be operated from mains or batteries**
- earphones or headphones can be connected (option)
- headphone socket: Ø3.5 mm
- power supply: mains connection cable (included) or 2 x 1,5 V (D/LR20) batteries, not included
- dimensions: 210 x 115/ 153 x 70 mm



RPR 3LCD

PORTABLE LCD RADIO, AC / DC

- **AM-FM-SW digital world-wide radio**
- increased sensitivity
- **60 storable radio stations**
- featured quick buttons for your favorites
- **stereo sounding with headphones** (option)
- with blue backlight LCD clock
- **sleep timer** (10 to 90 minutes)
- **alarm** with radio or beep-beep sound
- alarm-repeat (5 minutes)
- lockable keypad
- user-friendly handling
- headphone connector socket: Ø3.5 mm
- power supply: **power cable included**
- 3x D/LR20 (1,5 V) batteries (not included)
- dimensions: 235 x 120 x 50 mm



RPR4LCD

DIGITAL ALARM CLOCK RADIO

- **AM-FM radio** with automatic tuning
- **2x40 programme places**
- shortcuts to your favourite stations
- **stereo sound with headphones** (not included)
- 3.5 mm headphone jack
- large clock display
- automatic **timed switch-off**
- **wake-up call** with beep-beep sound
- alarm repeat (snooze mode)
- automatic display backlighting
- Child lock - **Key lock**
- **battery powered** (4x AA batteries, not included)
- **USB-C power supply** (cable and adapter not included)
- recommended adapter/connector cable: SA 24USB, SA 50USB, USB C 1
- dimensions: 184 x 113 x 58 mm

RPC5

POCKET RADIO

- 2-track **AM-FM pocket radio**
- **tuning LED indicator**
- **highlighted tuning knob**
- high-sensitivity reception
- headphone jack: Ø3.5 mm hinge
- power supply: 2 x AA (1.5 V) batteries, not included
- dimensions: 120 x 68 x 30 mm



RPC 4

POCKET RADIO

- **AM-FM radio** with 2 bands
- **LED indicator which helps to tune** to the exact station
- **high-sensitivity** reception
- Ø3.5 mm headphone connector
- power supply: 2 x 1,5 V (AA) batteries, not included
- dimensions: 69 x 118 x 30 mm





HFP1

FOLDING PIANO

- **88 keys** (including black keys)
- **128 selectable tones and rhythms**, 20 demo songs
- built-in **stereo speaker**
- connectable speaker, headphones (3.5 mm jack socket)
- external sound source playback
- LCD display
- **MIDI software compatible**
- **Bluetooth compatible**
- **recording and playback of piano performance**
- **metronome** function
- included reverb pedal, carrying bag, tablet holder, USB-C charging cable
- power supply: Li-ion battery
- size: 124 x 22 x 6.5 cm / 62 x 22 x 13 cm



HRD1

ROLL-UP DRUM KIT

- **recording and playback of drumming**
- adjustable volume and tempo
- **built-in double speaker**
- can be used with external speakers and headphones
- **7 selectable rhythms**, 10 demo songs
- **MIDI function**
- **wireless BT connection**
- playback of an external sound source
- accessory with **pedals and drumsticks**
- power supply: Li-ion battery
- size: 48 x 32 x 5 cm



MPA SERIES

MIXING AMPLIFIER

SIMULTANEOUSLY USEABLE FOR (4-16 Ohm) and 100 VOLT (70-100-110-120 V) SOUND SYSTEMS

• 6-channel mixer-amplifier • built-in multimedia unit • wireless **BT connection** • music playback from mobile device, computer • **FM radio** with memorisable radio systems • **MP3/WMA playback** USB/SD device • track repeat, playback in random order • graphic radio scale, control meter and playlist on LCD display • warning tone at the push of a button • automatic **music playback and mixing** when voice announcement • dual volume control with level limitation • high and low **level equalization** • output for connecting a further amplifier or audio recorder • inputs: USB, SD, 2xMIC (6,3 mm), 3xL+R (2xRCA), FM ANT • outputs: L+R (2xRCA, mono) • it can be connected to 6 independent groups and controllable with 100 V speakers • power supply: 230 V~ / 50 Hz power cable • dimensions: 480 x 355 x 98 mm / 6,8 kg

MPA 240BT

SUITABLE FOR THE SIMULTANEOUS OPERATION OF 25-30 PCS "100 VOLT" SPEAKERS

240 WATT, dimensions: 480 x 95 x 380 mm / 8,7 kg



MPA 120BT

SUITABLE FOR THE SIMULTANEOUS OPERATION OF 12-15 PCS "100 VOLT" SPEAKERS

120 WATT, dimensions: 480 x 98 x 355 mm / 6,8 kg



BXB 100/8

2-WAY SPEAKER

- **2in1: for traditional and professional systems**
- connectable to products with 4-8 Ohm output
- connectable to 70/100/110 V~ sound systems
- **adjustable volume:** 10 W-20 W-40 W
- **2-Way bass-reflex Hi-Fi speaker • silk dome tweeter**
- reinforced ABS plastic, metal protective grille
- can be used in both standing and lying positions
- mountable on the wall and ceiling
- tiltable and rotatable
- screw-in cable connection
- load capacity: **60 W / 8 Ohm, 40 W / 100 V~**
- dimensions / weight: 200 x 285 x 190 mm / 2,9 kg



WAS 2

WALL SPEAKER

- **with built-in 110 V transformer**
- max. loadability: **10 W**
- frequency range: 50 - 18.000 Hz
- **speaker: Ø165 mm**
- impedance: 8 Ohm
- dimensions: 275 x 200 x 110 mm



CES 165

2-WAY CEILING SPEAKER

- **with built-in 110 V transformer**
- **2-way system:** with subwoofer and tweeter
- connectable according to 3 volume levels:
- **2,5 W - 5 W - 10 W**
- max. load capacity: **10 W**
- frequency transfer: 80-20.000 Hz
- speakers: Ø165 mm - Ø25 mm
- impedance: 8 Ohm
- installation dimensions: Ø206 x 70 mm



CES 3

CEILING SPEAKER

- **with built-in 110 V transformer**
- max. loadability: **10 W**
- frequency range: 50 - 18.000 Hz
- speaker: Ø165 mm
- impedance: 8 Ohm
- installation dimensions: Ø190 x 85 mm



MVN 910

PROFESSIONAL WIRELESS MICROPHONE SET

- robust, **metal handheld microphones**
- innovative, **latest technology**
- multifunctional digital display
- frequency/channel/battery status
- RF radio signal strength meter
- AF audio level meter
- **digital noise filter circuit**
- **2 x 100 selectable channels**
- **scanning for best available channel**
- automatic or manual setting
- **fast infrared pairing**
- noise-free On/Off switching
- 2x symmetrical XLR audio outputs
- Ø6,3 mm mixed audio output
- high-gain BNC antennas
- **operating range in open field: ~140 m**
- operating frequency band: UHF
- can be fitted into rack
- power adapter, 6,3 mm / 6,3 mm audio connection cable, fixtures, colour coding rings included
- microphones: Ø50/35 x 265 mm, 2 x 1,5 V (AA) batteries, not included
- receiver: 420 x 55 x 220 mm



MVN610

PROFESSIONAL WIRELESS MICROPHONE SET

- rugged, **metal handheld microphones**
- innovative, latest technology
- multifunctional digital displays
- display of frequency, channel, active connection
- RF **radio signal strength meter**
- AF **audio signal level meter**
- stable channels, digital noise cancelling circuit
- **2x100 channels** for interference-free reception
- automatic or manual setting
- **automatic search for the ideal channel**
- fast, **infrared pairing with the microphone**
- 2x symmetrical XLR audio output
- Ø6.3 mm summed audio output
- high gain antennas
- **open field range: ~50 m**
- operating frequency band: UHF
- included: power adapter, 6.3 mm / 6.3 mm cable, colour-marking rings
- microphones: Ø52/32 x 255 mm, 2+2 x 1,5 V (AA) batteries, not included
- receiver: 210 x 50 x 140/170 mm





MVN310

PROFESSIONAL WIRELESS MICROPHONE

- **metal handheld microphone and metal receiver**
- multifunctional display in the handle
- **frequency and battery status indication**
- 16 UHF channels for interference-free reception
- fast switching, **automatic pairing**
- stable channels, digital noise cancelling circuit
- **Ø6.3 mm output plug** on the receiver
- plugs directly into amplifier, mixer, active sound box
- **open field range: ~40 m**
- battery-free operation
- **both microphone and receiver can be charged**
- microphone with replaceable battery (included)
- receiver with built-in battery
- microphone expected charging / operating time: ~2 h / 6 h
- USB-A/C charging cable, 6.5 mm / 3.5 mm converter, colour marking ring included
- microphone: Ø53/33 x 255 mm
- receiver: 30 x 93 x 30 mm
- recommended charger: SA 24USB, SA 50USB



M13

DESKTOP MICROPHONE

- **professional condenser microphone**
- for use with devices with microphone input
- **on/off switch** and LED indicator in the base
- **LED indicator light ring** on the stem
- **removable noise filter sponge**
- cardioid directional characteristics
- **extra long connection cable** (~6 m)
- rugged, **metal XLR connector**
- Ø6.3 mm plug - XLR socket cable, included
- power supply: 2 x 1,5 V (AA) batteries, not included
- dimensions/weight: 114 x 141 x 465 mm



M 12

STUDIO MICROPHONE SET

- Youtuber • Gamer • Blogger • Vlogger • Streamer
- Influencer • Radio presenter • Studio recording • Synchronization • Podcasting • Network communication
- Stage system
- professional studio microphone set
- outstanding, **Hi-Fi sound quality**
- **metal microphone**, with secure desk-top stand
- **shock-proof mounting head**
- **high-sensitivity capacitor microphone**
- cardioid directivity, mono
- high output level, low noise, wide dynamic range
- **requires external supply voltage** (phantom power)
- example: mixer, PA amplifier, computer, notebook
- output: integrated symmetrical XLR 3p plug
- XLR connector / **3p-3.5 mm jack connector cable** (~2.4 m) included
- microphone: Ø46 x 155 mm



M 8

HANDHELD MICROPHONE

- **dynamic microphone for professional amplifying purposes**
- handy, entire metallic grip
- **cardioid polar pattern**
- on/off switch on the grip
- extra-long, removable XLR connection cable, 5 m
- **massive, metal plugs**



M 61

HANDHELD MICROPHONE

- **dynamic microphone for professional amplifying purposes**
- **cardioid polar pattern**
- on/off switch on the grip
- extra-long, removable XLR connection cable, 3 m



M 41

HANDHELD MICROPHONE

- **dynamic microphone for professional amplifying purposes**
- **cardioid polar pattern**
- on/off switch on the grip
- light weight, flexible connection cable, 2 m



HT820

MICROPHONE STAND

- 2in1: **with two support poles**
- lightweight, stable construction
- feet with anti-slip grip
- **universal microphone holder stirrup** included
- microphone grip: Ø30-40 mm
- included Ø15/9 mm screw converters
- **cable clamps** on pole
- adjustable height: 94-156 cm
- crossbar: 79 cm
- base diameter: 70 cm
- empty weight: 1.9 kg



HT920

SOUND BOX STAND

- solid, stable steel construction
- anti-slip feet
- **safety latch**
- support bar Ø35 mm
- height adjustable: 110-175 cm
- **6 height settings**
- load capacity: max. 40 kg
- base diameter: 80 cm
- tare weight: 3.3 kg



HT922

SOUND BOX STAND SET

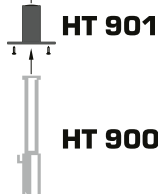
- 2 steel tripods **with handy carrying bag**
- solid, stable steel construction
- anti-slip feet
- **safety latch**
- support bar Ø35 mm
- height adjustable: 110-175 cm
- **6 height settings**
- load capacity: max. 40 kg
- base diameter: 80 cm
- tare weight: 3.3 kg / tripod



HT 901

SEATH FOR SPEAKER BOX STAND

- **sinks into the speaker's bottom**
- allows placing the speaker box on a HT922, HT900 stand
- suitable for every stand with Ø35 mm rod
- capacity: max. 40 kg

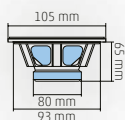


SBX 1010/BK

50 W

KEVLAR WOOFER

- P_m/P_n : **50/35 W**
- f: 55 - 8.000 Hz
- SPL_{1W/1m} : 82 dB
- voice coil: 0,75", 2 layers
- voice coil material: aluminium
- magnet weight: 10 Oz

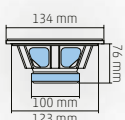


SBX 1320/BK

60 W

KEVLAR WOOFER

- P_m/P_n : **60/40 W**
- f: 50 - 7.000 Hz
- SPL_{1W/1m} : 85 dB
- voice coil: 1", 4 layers
- voice coil material: aluminium
- magnet weight: 20 Oz

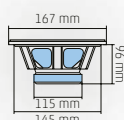


SBX 1620/BK

80 W

KEVLAR WOOFER

- P_m/P_n : **80/50 W**
- f: 45 - 7.000 Hz
- SPL_{1W/1m} : 87 dB
- voice coil: 1", 4 layers
- voice coil material: aluminium
- magnet weight: 20 Oz

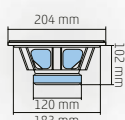


SBX 2030/BK

120 W

KEVLAR WOOFER

- P_m/P_n : **120/80 W**
- f: 35 - 3.000 Hz
- SPL_{1W/1m} : 88 dB
- voice coil: 1,5", 4 layers
- voice coil material: aluminium
- magnet weight: 30 Oz

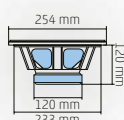


SBX 2530/BK

150 W

KEVLAR SUBWOOFER

- P_m/P_n : **150/100 W**
- f: 33 - 2.500 Hz
- SPL_{1W/1m} : 90 dB
- voice coil: 1,5", 4 layers
- voice coil material: aluminium
- magnet weight: 30 Oz

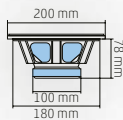


	SBX 1010/BK	SBX 1320/BK	SBX 1620/BK	SBX 2030/BK	SBX 2530/BK
nominal diameter	100 mm	130 mm	165 mm	200 mm	250 mm
cone material	kevlar	kevlar	kevlar	kevlar	kevlar
loadability	50 / 35 W	60 / 40 W	80 / 50 W	120 / 80 W	150 / 100 W
impedance	8 Ohm	8 Ohm	8 Ohm	8 Ohm	8 Ohm
frequency range	55 - 8000 Hz	50 - 7000 Hz	45 - 7000 Hz	35 - 3000 Hz	30 - 2500 Hz
SPL	82 dB	85 dB	87 dB	88 dB	90 dB
voice coil	Ø0,75", 2 layers	Ø1", 4 layers	Ø1", 4 layers	Ø1,5", 4 layers	Ø1,5", 4 layers
coil material	aluminum	aluminum	aluminum	aluminum	aluminum
edge	rubber	rubber	rubber	rubber	rubber
basket	steel plate	steel plate	steel plate	steel plate	steel plate
magnet	10 Oz	20 Oz	20 Oz	30 Oz	30 Oz
mounting size	Ø93 mm	Ø123 mm	Ø145 mm	Ø183 mm	Ø233 mm
mounting depth	65 mm	76 mm	96 mm	102 mm	120 mm

SBV 2020/4**80 W****SUBWOOFER**

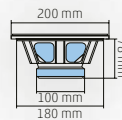
Suitable for repairing VIDEOTON speaker boxes!

- P_m/P_n : **80/50 W**
- f: 45 - 5.000 Hz
- SPL $_{1W/1m}$: 86 dB
- voice coil: 1", 2 layers
- voice coil material: aluminium
- magnet weight: 20 Oz

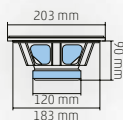
**SBV 2020****80 W****SUBWOOFER**

Suitable for repairing VIDEOTON speaker boxes!

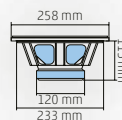
- P_m/P_n : **80/50 W**
- f: 45 - 5.000 Hz
- SPL $_{1W/1m}$: 86 dB
- voice coil: 1", 2 layers
- voice coil material: aluminium
- magnet weight: 20 Oz

**SPA 2030****150 W****SUBWOOFER**

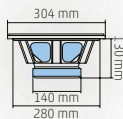
- P_m/P_n : **150/100 W**
- f: 50 - 5.000 Hz
- SPL $_{1W/1m}$: 89 dB
- voice coil: 1.5", 2 layers
- voice coil material: aluminium
- magnet weight: 30 Oz

**SPA 2530****200 W****SUBWOOFER**

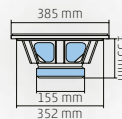
- P_m/P_n : **200/140 W**
- f: 45 - 5.000 Hz
- SPL $_{1W/1m}$: 90 dB
- voice coil: 1.5", 2 layers
- voice coil material: aluminium
- magnet weight: 30 Oz

**SPA 3040****210 W****SUBWOOFER**

- P_m/P_n : **210/150 W**
- f: 40 - 3.500 Hz
- SPL $_{1W/1m}$: 90 dB
- voice coil: 1.5", 2 layers
- voice coil material: aluminium
- magnet weight: 40 Oz

**SPA 4050****230 W****SUBWOOFER**

- P_m/P_n : **230/160 W**
- f: 30 - 3.000 Hz
- SPL $_{1W/1m}$: 93 dB
- voice coil: 2", 2 layers
- voice coil material: aluminium
- magnet weight: 50 Oz



	SBV 2020/4 and 2020	SPA 2030	SPA 2530	SPA 3040	SPA 4050
nominal diameter	200 mm	200 mm	250 mm	300 mm	400 mm
cone material	impregnated paper	impregnated paper	impregnated paper	impregnated paper	impregnated paper
power	80 / 50 W	150/100 W	200/140 W	210/150 W	230/160 W
impedance	4 Ohm / 8 Ohm	8 Ohm	8 Ohm	8 Ohm	8 Ohm
frequency range	45 - 5000 Hz	50-5000 Hz	45-5000 Hz	40-3500 Hz	30-3000 Hz
SPL	86 dB / 85 dB	89 dB	90dB	90 dB	93 dB
voice coil	1.5", 2 layers	1.5", 2 layers	1.5", 2 layers	1.5", 2 layers	2", 2 layers
coil material	aluminum	aluminum	aluminum	aluminum	aluminum
edge	rubber	textile	textile	textile	textile
basket	steel	steel	steel	steel	steel
magnet	20 Oz	30 Oz	30 Oz	40 Oz	50 Oz
mounting size	Ø180 mm	Ø183 mm	Ø233 mm	Ø280 mm	Ø352 mm
mounting depth	78 mm	90 mm	115 mm	130 mm	155 mm

SKN 10

MIDRANGE SPEAKER

40 W

- professional, **closed basket**
- It does not require hermetically separated air space from the speaker box
- **stiffed, impregnated cone**
- P_m/P_n : 40/30 W
- f: 500 - 8.500 Hz
- $SPL_{1W/1m}$: 84 dB



SKN 13

MIDRANGE SPEAKER

50 W

- professional, **closed basket**
- It does not require hermetically separated air space from the speaker box
- **stiffed, impregnated cone**
- P_m/P_n : 50/40 W
- f: 400 - 7.000 Hz
- $SPL_{1W/1m}$: 86 dB



SKN 16

MIDRANGE SPEAKER

60 W

- professional, **closed basket**
- It does not require hermetically separated air space from the speaker box
- **stiffed, impregnated cone**
- P_m/P_n : 60/40 W
- f: 300 - 6.000 Hz
- $SPL_{1W/1m}$: 88 dB



DPH 1417

ORCHESTRA TREBLE SPEAKER

- durable textile vinyl dome
- a voice changer is required
- 160 x 142 mm
- Z: 8 Ohms
- Mon/Mon: **150/80 W**
- f: 2,000 - 18,000 Hz
- $SPL_{1W/1m}$: 96 dB
- voice coil: 1.5"
- **membrane: textile vinyl**
- magnet weight: 20 Oz



DP 11

ORCHESTRA TREBLE SPEAKER

- durable textile vinyl dome
- a voice changer is required
- 86 x 86 mm
- Z: 8 Ohms
- Mon/Mon: **120/60 W**
- f: 2,000 - 18,000 Hz
- $SPL_{1W/1m}$: 93 dB
- voice coil: 1.0"
- **membrane: textile vinyl**
- magnet weight: 10 Oz



DTF 12

HIFI DOME TWEETER

- Ø103 mm / 8 Ohm
- ferrofluid attenuation
- P_m/P_n : **100/50 W**
- f: 2.000 - 21.000 Hz
- $SPL_{1W/1m}$: 91 dB
- voice coil: 1", 2 layers
- **cone: silk**
- magnet weight: 8 Oz



DT 21

DOMTWEETER

- Ø74 mm / 8 Ohm
- P_m/P_n : **40/20 W**
- f: 3.000 - 21.000 Hz
- $SPL_{1W/1m}$: 91 dB
- voice coil: 0,5"
- **cone: mylar**
- magnet weight: 2 x 0,6 Oz



	SKN 10	SKN 13	SKN 16	DPH 1417	DP 11	DTF 12	DT 21
nominal diameter	110 mm	136 mm	170 mm	160 x 142 mm	86 x 86 mm	103 mm	74 mm
cone material	stiffened, impregnated paper	stiffened, impregnated paper	stiffened, impregnated paper	textile vinyl	textile vinyl	silk	mylar
power	40/30 W	50/40 W	60/40 W	150/80 W	120/60 W	100/50 W	40/20 W
impedance	8 Ohm	8 Ohm	8 Ohm	8 Ohm	8 Ohm	8 Ohm	8 Ohm
frequency range	500 - 8500 Hz	400 - 7000 Hz	300 - 6000 Hz	2000 - 18000 Hz	2000 - 18000 Hz	2000 - 21000 Hz	3000 - 21000 Hz
SPL	84 dB	86 dB	88 dB	96 dB	93 dB	91 dB	91 dB
voice coil	2 layers	2 layers	2 layers	1,5"	1,0"	1 layer	0,5"
coil material	aluminum	aluminum	aluminum	-	-	-	-
edge	foam	foam	foam	-	-	-	-
basket	closed, steel	closed, steel	closed, steel	-	-	-	-
magnet	12 x Ø60 mm	10 x Ø70 mm	15 x Ø80 mm	20 Oz	10 Oz	8 Oz	2 x 0,6 Oz
mounting size	Ø100 mm	Ø136 mm	Ø170 mm	Ø115 mm	Ø70 mm	Ø84 mm	Ø 50 mm
mounting depth	38 mm	40 mm	60 mm	140 mm	80 mm	30 mm	14 mm

KHS 120**PIEZO TWEETER**

- 263 x 100 mm
- P_m (4 Ω): **300 W**
- P_m (8 Ω): **150 W**
- f: 2.000 - 20.000 Hz
- $SPL_{1W/1m}$: 92 dB
- impedance: > 1000 Ohm
- max. voltage: 35 V~

**KHS 110****PIEZO TWEETER**

- 187 x 87 mm
- P_m (4 Ω): **300 W**
- P_m (8 Ω): **150 W**
- f: 2.000 - 20.000 Hz
- $SPL_{1W/1m}$: 90 dB
- impedance: > 1000 Ohm
- max. voltage: 35 V~

**KHS 311M****PIEZO TWEETER**

- 110 x 110 mm
- P_m (4 Ω): **300 W**
- P_m (8 Ω): **150 W**
- f: 2.000 - 20.000 Hz
- $SPL_{1W/1m}$: 93 dB
- impedance: > 1000 Ohm
- max. voltage: 35 V~

**KHS 105A****PIEZO TWEETER**

- 85 x 85 mm
- P_m (4 Ω): **300 W**
- P_m (8 Ω): **150 W**
- f: 2.000 - 20.000 Hz
- $SPL_{1W/1m}$: 94 dB
- impedance: > 1000 Ohm
- max. voltage: 35 V~

**KHS 106****PIEZO TWEETER**

- $\varnothing 95$ mm
- P_m (4 Ω): **300 W**
- P_m (8 Ω): **150 W**
- f: 2.000 - 20.000 Hz
- $SPL_{1W/1m}$: 90 dB
- impedance: > 1000 Ohm
- max. voltage: 35 V~

**KHS 107****PIEZO TWEETER**

- 64 x 64 mm
- P_m (4 Ω): **300 W**
- P_m (8 Ω): **150 W**
- f: 5.000 - 20.000 Hz
- $SPL_{1W/1m}$: 104 dB
- impedance: > 1000 Ohm
- max. voltage: 35 V~

**HV 328****CROSSOVER**

- loadability: max. **200 W**
- crossover frequency: **500 Hz / 3.000 Hz**
- crossover filter: 12 dB/octave
- switchable output level, high: 0/-3 dB, medium: 0/-2 dB

**200 W****HV 228****CROSSOVER**

- loadability: max. **200 W**
- crossover frequency: **3.000 Hz**
- crossover filter: 12 dB/octave
- switchable output level, high: 0/-3 dB

**200 W****HVP 28****CROSSOVER**

- loadability: max. **600 W**
- crossover frequency: **2.800 Hz**
- frequency filter, bass: 12 dB/octave
- frequency filter, treble: 18 dB/octave
- professional, for amplifier systems
- 150 x 28 x 95 mm

**600 W****HVS 14****CROSSOVER FOR 4/8 OHM SUBWOOFER**

- loadability: max. **300 W**
- crossover frequency:
- **4 Ω - 120 Hz, 8 Ω - 160 Hz**
- crossover filter: 12 dB/octave
- for subwoofers

**SUITABLE FOR USE WITH
4 AND 8 Ω SYSTEMS AS WELL!**

**300 W**

SPEAKON SERIES

SPEAKON CABLE

- Speakon plug / Speakon plug
- **99.99% OFC copper wire**
- high purity copper, excellent conductivity
- low resistance **minimizes signal loss**
- **solid, flexible wire**
- for connecting speakers and amplifiers
- for professional use

SPEAKON5 - 5 m / Ø7,2 mm / Cu2x1,5 mm²

SPEAKON10 - 10 m / Ø7,2 mm / Cu2x1,5 mm²

SPEAKON15 - 15 m / Ø7,2 mm / Cu2x1,5 mm²



XLR SERIES

XLR AUDIO CABLE

- XLR plug / XLR socket (3p)
- **99.99% OFC copper conductor and shielding**
- high purity copper, excellent conductivity
- low resistance minimizes signal loss
- **careful 95% shielding, extremely low noise**
- **metal connectors** with anti-kink protection
- durable, flexible, **rubber sheath**
- for connecting microphones, amplifiers, mixers, speakers
- for professional use

XLR1 - 1 m / Ø6 mm / Cu0.23 mm²

XLR3 - 3 m / Ø6 mm / Cu0.23 mm²

XLR5 - 5 m / Ø6 mm / Cu0.23 mm²

XLR10 - 10 m / Ø6 mm / Cu0.23 mm²



SPK 900

SPEAKON PLUG

- 4 poles
- screw-able
- with strain relief



S 23

MICROPHONE PLUG

- 3 poles
- swings



S 24

MICROPHONE SOCKET

- 3 poles
- swings



SL 5

SPEAKER PLUG

- 2 pins
- sprung
- screw-able
- with strain relief



SL 6MG

SPEAKER BOX CONNECTOR

- with 2 gilded metal banana-connectors
- external size: Ø105 mm



SL 5ER

SPEAKER BOX CONNECTOR

- 2 poles
- spring mechanism
- external size: Ø75 mm



SL 2ER

SPEAKER BOX CONNECTOR

- 2 poles
- spring mechanism
- external size: 52 x 22 mm



KAH 303

REFLEX TUBE

- adjustable length
- Ø66 x 125 - 250 mm
- 2 pcs/package



KAH 202

REFLEX TUBE

- can be cut to proper size
- Ø45 x 100 mm
- 4 pcs/package



HT 203

RECESSED HANDLE FOR SPEAKER CABINET

- metal
- 220 x 163 x 60 mm



HT 200

SPEAKER CABINET CARRYING HANDLE

- metal + rubber
- 250 mm



HT 402**SPEAKER CABINET CORNER**

- plastic
- 54 x 54 x 81 mm

**HT 401****SPEAKER CABINET CORNER**

- plastic
- 37 x 37 x 55 mm

**HT 400****SPEAKER CABINET CORNER**

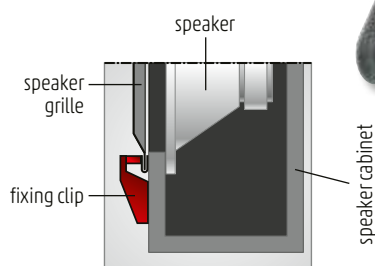
- plastic
- 40 x 40 x 40 mm

**HT 3123****RUBBER LEG FOR SPEAKER CABINET**

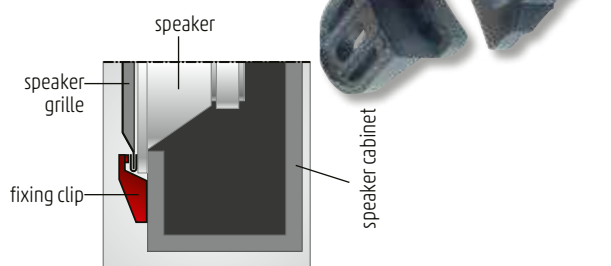
- Ø37 x 16 mm
- can be fastened with Ø5 mm screw
- hard, massive rubber
- built-in metal washer
- 4 pcs/ package

**HT 304****FIXING CLIP FOR SPEAKER GRILLE**

- for G type speaker grills
- **for rear-mounted speakers**
- 8 pcs/ package

**HT 305****FIXING CLIP FOR SPEAKER GRILLE**

- for G type speaker grills
- **for front mounted speakers**
- 8 pcs/ package

**SG SERIES****CONE EDGE**

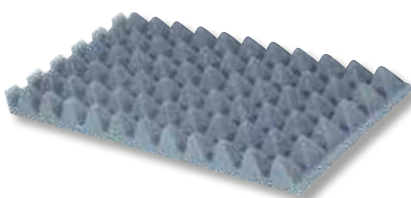
type	external (Ø)	internal (Ø)	speaker (Ø)	features
SG 13	130 mm	85 mm	130 mm	For replacement of old, torn edges. For repairing and renewal of old speakers. Ideal for all types of Ø130, Ø165, Ø200, Ø250, Ø300 mm speakers and VIDEOTON types as well.
SG 16	165 mm	110 mm	165 mm	
SG 20	200 mm	140 mm	200 mm	
SG 25	250 mm	175 mm	250 mm	
SG 30	300 mm	225 mm	300 mm	

HT5050B**MUFFLER PANEL**

- high density **professional sound dampening panel**
- can be attached quickly with its **self-adhesive** back
- soothing, spectacular and fashionable wall decoration
- **reduces noise and echo**
- ideal for home and recording studios
- e.g. music room, refrigerator, solar inverter, motorized equipment, garage, workshop... noise reduction
- **easy-to-cut, fire-resistant** PU sponge (20 kg/m³)
- no chemical (chemicals) smell
- size: **4 pcs ~50 x 50 x 5 cm**
- **~1 m²/package**

**HT 2340****MUFFLER PANEL**

- **ideal for HIGH-END quality speaker cabinets**
- provides clear bass and midrange sound
- **easy to cut to proper size**
- for use in a sound box or on a wall
- stable structure
- dark grey
- thickness 3 cm, 30 x 60 cm

**HT 70/BK****SPEAKER COVER FABRIC**

- **easy to cut and stick**
- for speaker cabinets exposed to surface damages
- black
- 70 x 140 cm



KL 2,5 SILVER

PREMIUM SPEAKER WIRE

- High-End HiFi quality
- silver coating for better sounding
- high purity, oxygen-free copper
- better frequency transmission and contact
- stronger midrange and high tones
- corrosion free
- 25 m / coil
- **2 x 2,5 mm²**
- 2C x (2 x 51 x 0,25 mm)
- 7,6 x 3,8 mm



KLS, KL



KLS series - Ø0,15 mm fiber
copper clad aluminum



KL series - Ø0,10 mm fiber
oxygen free copper



pict.	type	denomination, features	length
1	KLS 0,15	2 x 0,15 mm ² red-black speaker cable, 2C x (9 x 0,15 mm), width x height: 3,6 x 1,8 mm, from 0,15 mm fiber	100 m/coil
1	KLS 0,35	2 x 0,35 mm ² red-black speaker cable, 2C x (20 x 0,15 mm), width x height: 4,4 x 2,2 mm, from 0,15 mm fiber	100 m/coil
1	KLS 0,5	2 x 0,5 mm ² red-black speaker cable, 2C x (29 x 0,15 mm), width x height: 5,0 x 2,5 mm, from 0,15 mm fiber	100 m/coil
1	KLS 0,75	2 x 0,75 mm ² red-black speaker cable, 2C x (43 x 0,15 mm), width x height: 5,0 x 2,5 mm, from 0,15 mm fiber	100 m/coil
1	KLS 1	2 x 1,0 mm ² red-black speaker cable, 2C x (57 x 0,15 mm), width x height: 6,0 x 3,0 mm, from 0,15 mm fiber	100 m/coil
1	KLS 1,5	2 x 1,5 mm ² red-black speaker cable, 2C x (85 x 0,15 mm), width x height: 7,0 x 3,5 mm, from 0,15 mm fiber	100 m/coil
2	KLS 0,5T	2 x 0,5 mm ² transparent speaker cable, 2C x (29 x 0,15 mm), width x height: 5,0 x 2,5 mm, 0,15 mm fiber	100 m/coil
2	KLS 0,75T	2 x 0,5 mm ² transparent speaker cable, 2C x (29 x 0,15 mm), width x height: 5,0 x 2,5 mm, from 0,15 mm fiber	100 m/coil
2	KLS 1T	2 x 0,75 mm ² transparent speaker cable, 2C x (43 x 0,15 mm), width x height: 6,0 x 3,0 mm, from 0,15 mm fiber	100 m/coil
2	KLS 1,5T	2 x 1,0 mm ² transparent speaker cable, 2C x (57 x 0,15 mm), width x height: 7,0 x 3,5 mm, from 0,15 mm fiber	100 m/coil
2	KLS 2,5T	2 x 1,5 mm ² transparent speaker cable, 2C x (85 x 0,15 mm), width x height: 9,0 x 4,5 mm, from 0,15 mm fiber	50 m/coil
2	KLS 4T	2 x 2,5 mm ² transparent speaker cable, 2C x (7 x 21 x 0,15 mm), width x height: 7,6 x 3,8 mm, from 0,15 mm fiber	50 m/coil
2	KLS 6T	2 x 4,0 mm ² transparent speaker cable, 2C x (7 x 33 x 0,15 mm), width x height: 8,8 x 4,4 mm, from 0,15 mm fiber	25 m/coil
3	KL 0,15	2 x 0,15 mm ² red-black speaker cable, 2C x (19 x 0,10 mm), width x height: 4,0 x 2,0 mm, from 0,1 mm fiber	100 m/coil
3	KL 0,35	2 x 0,35 mm ² red-black speaker cable, 2C x (45 x 0,10 mm), width x height: 4,4 x 2,2 mm, from 0,1 mm fiber	100 m/coil
3	KL 0,5	2 x 0,5 mm ² red-black speaker cable, 2C x (64 x 0,10 mm), width x height: 5,0 x 2,5 mm, from 0,1 mm fiber	100 m/coil
3	KL 0,75	2 x 0,75 mm ² red-black speaker cable, 2C x (96 x 0,10 mm), width x height: 4,6 x 2,3 mm, from 0,1 mm fiber	100 m/coil
3	KL 1	2 x 1,0 mm ² red-black speaker cable, 2C x (127 x 0,10 mm), width x height: 6,0 x 3,0 mm, from 0,1 mm fiber	100 m/coil
3	KL 1,5	2 x 1,5 mm ² red-black speaker cable, 2C x (7 x 27 x 0,10 mm), width x height: 7,0 x 3,5 mm, from 0,1 mm fiber	100 m/coil
4	KL 0,75T	2 x 0,75 mm ² transparent speaker cable, 2C x (96 x 0,10 mm), width x height: 4,6 x 2,3 mm, from 0,1 mm fiber	100 m/coil
4	KL 1T	2 x 1,0 mm ² transparent speaker cable, 2C x (127 x 0,10 mm), width x height: 6,0 x 3,0 mm, from 0,1 mm fiber	100 m/coil
4	KL 1,5T	2 x 1,5 mm ² transparent speaker cable, 2C x (7 x 27 x 0,10 mm), width x height: 7,0 x 3,5 mm, from 0,1 mm fiber	100 m/coil
4	KL 2,5T	2 x 2,5 mm ² transparent speaker cable, 2C x (7 x 45 x 0,10 mm), width x height: 7,6 x 3,8 mm, from 0,1 mm fiber	50 m/coil

MC 625/BK

2-CORE MICROPHONE CABLE

- **2 x 0,35 mm²**
- 2C x (31 x 0,12 mm)/
- (28 x 0,12 mm) shading + paper
- outer diameter: 6,2 mm
- round, black
- 50 m/spool



KN 6

2-CORE SHIELDED CABLE

- **2 x 0,08 mm²**
- 2C x (10 x 0,10 mm)/2 x (28 x 0,12 mm)
- outer diameter: 2,8 x 5,6 mm
- each core is shielded, flat, black
- 100 m/spool



KN 4

1-CORE SHIELDED CABLE

- **1 x 0,14 mm²**
- 1C x (12 x 0,12 mm)/(28 x 0,12 mm)
- outer diameter: 2,8 mm
- round, black
- 100 m/spool



Car and boat sound technology

CARPLAY10

CARPLAY SMART CAR MULTIMEDIA CENTRE

iOS CARPLAY* AND ANDROID AUTO*

& iOS AND ANDROID PICTURE

- **10.26" IPS touch-screen** with sunlight shield
- **wired and wireless CarPlay**
- **wired and wireless Android Auto**
- **wired iOS and Android screen mirroring**
- safer driving, no phone distractions
- making calls without touching the phone
- multiple applications simultaneously on the split screen
- **offline and online listening and calling via the car's sound system**
- built-in microphone and speaker + FM modulator + stereo wired output
- wireless **BT and WiFi** connection
- Play music/photo/video from USB/microSD device
- **10-band graphic tone control**
- EQ and Loudness sound settings
- screen can be switched off for night driving
- **automatic reversing camera mode**
(option: SA 143 rear camera)
- 7 language menu (EN/HU/SK/RO/D/SRB/CN)
- **can be moved to another car in one move**
- for 12 V and 24 V vehicles
- phone charging: **double USB charging socket**
- compatible with many other car racks
- accessories: suction cup telescopic mount, cigarette lighter power cable with double USB charger, camera adapter cable, stereo audio

*Carplay: iOS9+ / *Android Auto: Android10+

**iPhone6+ and Android 5+ Mirror Link enabled phones, Connected via USB data cable; for Android, after installing an app.



CARPLAY7

CARPLAY SMART CAR MULTIMEDIA CENTRE

- **7,0" IPS touch-screen** with sunlight shield

SA 143

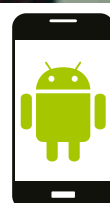
REAR CAMERA

- you can park easier, faster and safer
- it can save life, avoid accidents and damage
- you can see children, animals and small objects behind the vehicle
- **universally mountable on most vehicles**
- suitable for connecting with the car radio or connecting with an independent monitor
- **in case of reversing the camera's image is automatically displayed** on the car radio's screen if it is prepared for it
- **colorful auxiliary figure displayed on the screen to support reversing**
- accessory **approx. 6 m video connecting cable** and power cable
- Ø18 x 21 mm





CarPlay



EN



H



SK



RO



D



CZ



CN

VB X1000

CAR RADIO AND CARPLAY MULTIMEDIA

iOS CARPLAY AND ANDROID AUTO
iOS AND ANDROID SCREEN MIRROR*

- 9.0" (23cm) movable touch screen
- 1xDIN size device housing
- radio/music/photo/video playback
- AM/FM RDS radio with 30 slots
- a USB/microSD device can be connected
- wireless **BT connection**
- calling without touching the phone
- phone book and call list on the screen
- dash camera
- rear camera
- **USB phone charging**
- built-in and clip-on **external microphone**
- 16-band graphic equalizer
- variable colour button backlight
- rear monitor option for passengers
- can be controlled from the factory remote control
- **menu in 6 languages** (EN/HU/SK/RO/D/SRB)
- 4x45W Hi-Fi speaker output
- 3.5mm AUX stereo audio input
- 2+1xRCA amplifier+active subwoofer output
- 2+1x RCA video input and video output
- accessories included: dash cam and reversing camera, external microphone, ISO connector

*For iPhone 6+ and Android 5+ Mirror Link enabled phones, connected with a USB data cable; For Android, after installing an app



4 x 45 W



CarPlay



VBX910

CAR RADIO AND CARPLAY MULTIMEDIA

iOS CARPLAY AND ANDROID AUTO &
iOS AND ANDROID SCREEN MIRRORING*

- 7.0" (18 cm) touch-screen
- 2xDIN size enclosure
- radio/music/photo/video playback
- 30 AM/FM RDS radio with storage
- USB/microSD device can be connected
- wireless **BT connection**
- making calls without touching the phone
- built-in and external microphone
- 10-band graphic tone control
- variable colour button backlight
- easy-to-darken display (e.g. at night)
- **USB phone charging**
- 7 language menu (EN/H/SK/RO/D/SRB/CN)
- 4 x 45 W Hi-Fi speaker output
- reversing camera input (option: SA 143)
- **possibility of rear monitors** for passengers
- controlled from the factory steering wheel remote control
- 3.5 mm + 2xRCA AUX stereo input
- amplifier and active bass output
- video input and 2x video output
- accessories: remote control, external microphone, fittings

*For iPhone 6+ and Android 5+ Mirror Link enabled phones, connected with a USB data cable; For Android, after installing an app



4 x 45 W



CarPlay



VB5500

SMART CAR RADIO

- features that can be extended with an app to be installed*
- the phone becomes an extended display and remote control for the radio
- **full multimedia radio without a smartphone**
- **FM / BT / USB / microSD / AUX**
- text radio programme information (**FM RDS**)
- caller number on the display
- **secure calls** without touching the phone
- ringtone and conversation through the car speakers
- built-in and **external microphone**
- **double USB socket**; for music playback and **phone charging**
- library management, ID3Tag textual data information
- **treble/bass, loudness and EQ tone controls**
- large, easy-to-read, **informative display**
- **button backlight with adjustable colour and brightness**
- display of the exact time even when switched off
- 4 x 50 W Hi-Fi speaker output
- 3.5 mm AUX input for portable devices
- 4 x RCA sockets (amplifier or active subwoofer)
- **remote control** (CR2025, 3V button battery, included)
- **2xDIN** size

*Android 4.3 and iOS 8.0 or later, wirelessly connected, one after installing an English-language application (available services from phone, may depend on settings and region)



Smart BT iPlug
Android 4.3+
iOS 8.0+



4 x 50 W

SAL

car sound technology



VB 4000

SMART CAR RADIO

- BT / FM RDS / MP3 / WMA / USB / SD / AUX
- **wireless BT connection**
- **4 x 45 W output**
- music playback from mobile phone
- controlling the mobile phone's music player
- **2in1: built-in and clip-on external microphone (1,8 m)**
- phone calls without touching the phone
- hands-free phone calls
- ringtone on car speakers
- displaying the caller's number on the screen
- **when there is an incoming call, the radio turns on and changes into BT mode**
- receiving calls / ending / calling back
- excellently readable text display
- **18 FM memory**
- manual or automatic tuning and storing
- traffic information service
- alternative reception frequencies search
- **displaying MP3 „iD3 Tag“ text informations**
- playback modes: song playback, repeat, random order
- handling folders
- tone, loudness and EQ sound settings
- **4 x 45 W Hi-Fi speaker output**
- 3,5 mm AUX input for portable devices
- 4 x RCA socket amplifier, to connect active subwoofer
- remote control (1 x 3 V (CR2025) button battery, included)



VB 2300

SMART CAR RADIO

- **functions that can be extended with an application to be installed:**
- the phone becomes an extended display for the radio
- a fully-equipped radio without a smartphone
- **FM / BT / USB / microSD / AUX**
- wireless BT connection
- listen to music from mobile phone
- **phone calls without touching the phone**
- ringtone and conversation through the car speakers
- **caller number display on the screen**
- reject / answer / end call / call last number
- excellent readability of the white text display
- 18x FM radio memory
- manual or automatic station search and storage
- different programme number playback modes
- directory management, ID3Tag **text information**
- **tone, loudness and USER EQ sound settings**
- display of the exact time at the touch of a button
- **separate USB socket for charging**
- **4 x 45 W Hi-Fi speaker output**
- 3.5 mm AUX input for portable devices
- 4 x RCA sockets (amplifier or active subwoofer)
- remote control (1 x 3 V (CR2025) button cell, included)



Smart BT iPlug

Android 4.3+
IOS 8.0+



Smart BT iPlug

Android 4.3+
IOS 8.0+



VBT 1100 SERIES

SMART CAR RADIO



4 x 45 W

Smart BT iPlug

Android 4.3+
IOS 8.0+



VBT 1100/BL

- blue LED display and blue button lighting

VBT 1100/RD

- red LED display and red button lighting

BS 10/A

200 W

CAR SUBWOOFER CABINET

Built-in amplifier, adjustable crossover

Subwoofer:

- Ø250 mm, polypropylene cone
- P_m/P_n : 200 / 150 W
- Z: 4 Ohm
- massive, dynamic-bass construction
- smaller-than-usual space requirement
- dimensions: 340 x 310 x 280 mm

Built-in amplifier:

- **100 W power output**
- adjustable crossover: 35 - 200 Hz
- frequency range: 20 - 35 Hz / 20 - 200 Hz
- low level and high level inputs
- **can be connected to any kind of car radios**
- **remote controlled on/off switching**



BS 10

150 W

CAR SUBWOOFER CABINET

- P_m/P_n : 150/100 Watt

- subwoofer: Ø250 mm

- Z: 4 Ohm

- f: 35-3.500 Hz

- PP cone

- dynamic-bass construction

- clip-on wire connector

- **extremely thin design**

- resistant to external impact, arced corner

- dimensions: 355 x 300 x 180 mm

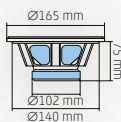


	BS 10/A	BS 10
speaker size	Ø250 mm	Ø250 mm
cone	polypropylene	polypropylene
loadability	200 / 150 W	150 / 100 W
impedance	4 Ohm	4 Ohm
built-in amplifier	✓	-
power output	100 W	-
adjustable crossover	35 - 200 Hz	-
frequency-range	20-35 Hz / 20-200 Hz	35 - 3500 Hz
low level input	✓	-
high level input	✓	✓
controllable on/off switch	✓	-
construction	closed speaker box	closed speaker box
dimensions	340 x 310 x 280 mm	355 x 300 x 180 mm

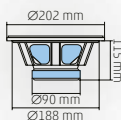


AHX 1620/BK**60 W****SUBWOOFER**

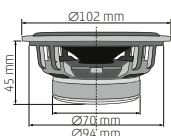
- kevlar cone, 4 Ohm
- P_m/P_n : 60/40 W
- f: 50 - 7000 Hz
- SPL_{1W/1m}: 88 dB
- voice coil: 1", 2 layers
- voice coil material: ALU
- magnet weight: 20 Oz

**AHX 2030/BK****120 W****SUBWOOFER**

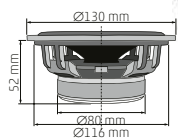
- kevlar cone, 4 Ohm
- P_m/P_n : 120/80 W
- f: 40 - 4000 Hz
- SPL_{1W/1m}: 88 dB
- voice coil: 1.5", 4 layers
- voice coil material: ALU
- magnet weight: 30 Oz

**CX 404****110 W****2-WAY CAR SPEAKER PAIR**

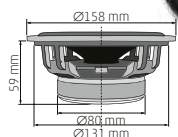
- midrange: Ø100 mm PP cone
- tweeter: Ø30 mm mylar dome
- **loadability: 110 W** (2 x 55 W max.)
- frequency range: 55 - 20000 Hz
- sensitivity: 88 dB
- impedance: 4 Ohm

**CX 504****150 W****2-WAY CAR SPEAKER PAIR**

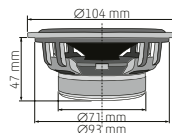
- midrange: Ø130 mm PP cone
- tweeter: Ø30 mm mylar dome
- **loadability: 150 W** (2 x 75 W max.)
- frequency range: 50 - 20000 Hz
- sensitivity: 89 dB
- impedance: 4 Ohm

**CX 604****200 W****2-WAY CAR SPEAKER PAIR**

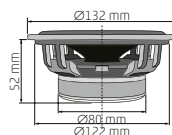
- midrange: Ø165 mm PP cone
- tweeter: Ø35 mm mylar dome
- **loadability: 200 W** (2 x 100 W max.)
- frequency range: 45 - 20000 Hz
- sensitivity: 90 dB
- impedance: 4 Ohm

**WRX 310****140 W****CAR SPEAKER PAIR**

- **3 way**, 4 Ohm
- bass: Ø100 mm PEI cone
- midrange: Ø30 mm mylar dome
- tweeter: Ø15 mm piezo
- **loadability: 140 W** (2 x 70 W max.)
- frequency range: 60 - 20000 Hz
- sensitivity: 86 dB
- aluminium casting basket

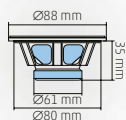
**WRX 313****180 W****CAR SPEAKER PAIR**

- **3 way**, 4 Ohm
- bass: Ø130 mm PEI cone
- midrange: Ø30 mm mylar dome
- tweeter: Ø15 mm piezo
- **loadability: 180 W** (2 x 90 W max.)
- frequency range: 50 - 20000 Hz
- sensitivity: 87 dB
- aluminium casting basket

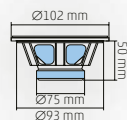


BK 087**70 W****CAR SPEAKER PAIR**

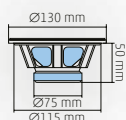
- **dual cone**, 4 Ohm
- midrange speaker: Ø87 mm cellulose cone
- tweeter: PEI cone
- **loadability: 70 W** (2 x 35 W max.)
- frequency range: 75 - 18500 Hz
- sensitivity: 85 dB

**BK 100****90 W****CAR SPEAKER PAIR**

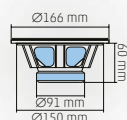
- **dual cone**, 4 Ohm
- midrange speaker: Ø100 mm cellulose cone
- tweeter: PEI cone
- **loadability: 90 W** (2 x 45 W max.)
- frequency range: 55 - 19000 Hz
- sensitivity: 85 dB

**BK 130****100 W****CAR SPEAKER PAIR**

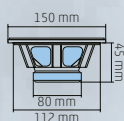
- **dual cone**, 4 Ohm
- midrange speaker: Ø130 mm cellulose cone
- tweeter: PEI cone
- **loadability: 100 W** (2 x 50 W max.)
- frequency range: 50 - 19000 Hz
- sensitivity: 86 dB

**BK 165****150 W****CAR SPEAKER PAIR**

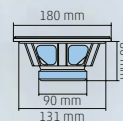
- **dual cone**, 4 Ohm
- midrange speaker: Ø165 mm cellulose cone
- tweeter: PEI cone
- **loadability: 150 W** (2 x 75 W max.)
- frequency range: 45 - 19000 Hz
- sensitivity: 86 dB

**MRPX 2-130****100 W****WATERPROOF SPEAKER PAIR**

- **2 way**, coaxial, 4 Ohm
- polypropylene **waterproof cone**
- Ø30 mm dome tweeter
- **loadability: 100 W** (2 x 50 W)
- frequency range: 50 - 20000 Hz
- sensitivity: 86 dB
- ideal for use in damp, humid conditions: infra sauna, swimming pool, bathroom, patio, camping car, ship
- white

**MRPX 2-165****150 W****WATERPROOF SPEAKER PAIR**

- **2 way**, coaxial, 4 Ohm
- polypropylene **waterproof cone**
- Ø30 mm dome tweeter
- **loadability: 150 W** (2 x 75 W)
- frequency range: 50-20.000 Hz
- sensitivity: 87 dB
- ideal for use in damp, humid conditions: infra sauna, swimming pool, bathroom, patio, camping car, ship
- white

**MRPX2130BK**

- black

MRPX2165BK

- black



SA 333

CAR HIFI CABLE SET

- **total 42-piece set**
- **1000 W / 80 A / 20 mm²**
- OFC Hi-Fi stereo audio cable
- **premium quality**, extra flexible
- **complete solution** for secure connection of power supply and head unit
- for connecting active subwoofers, sound cabinets, subtubes, amplifiers



Contents of the package:

Power cable, blue, +12V	4GA / 20 mm ² - 5,2 m / Ø9,6 mm	Forked terminal	2 x Ø5,2 mm / M5
GND cable, black	4GA / 20 mm ² - 0,9 m / Ø9,6 mm	Forked terminal	5 x Ø4,2 mm / M4
Speaker wire, blue-black	18GA / 0,75 mm ² - 6,1 m / Ø3,0 mm	Flat terminal	4 x 7,5 mm
Stereo audio cable, blue	2 x RCA - 2 x RCA / 5,2 m / Ø4,0 mm	Insulation for power cable	2x Black + 2x Blue
Remote cable, blue, +12V	5,2 m / Ø2,5 mm	Insulation for forked terminal	2x Black + 3x Blue
Fuse holder, fuse	80 Amper AGU fuse (10 x 38 mm)	Insulation for flat terminal	2x Black + 2x Blue
Flexible black tubing	4GA / 1,2 m / Ø13 mm	Cable tie, black	8 x 150 mm
Ring terminal	2 x Ø8,2 mm / M8		



HV 623

3-WAY CROSSOVER

- **max. 200 W**
- crossover frequency: 700/5000 Hz
- crossover filter: 6 dB/octave
- **gilded terminals blocks**
- dimensions: 65 x 35 x 120 mm



HV 621

2-WAY CROSSOVER

- **max. 200 W**
- crossover frequency: 2500 Hz
- crossover filter: 6 dB/octave
- **gilded terminals blocks**
- dimensions: 65 x 35 x 120 mm



HVS 14

CROSSOVER, SUB

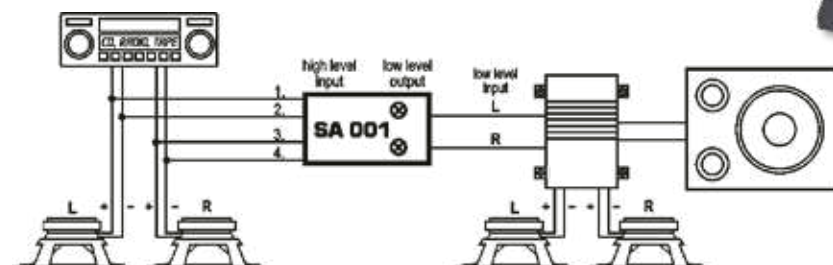
- **max. 300 W**
- cutting frequency: 120 Hz / 4 Ohm
- crossover filter: 12 dB/octave
- **for subwoofers**
- dimensions: 70 x 45 x 90 mm



SA 001

HIGH-LOW LEVEL CONVERTER, STEREO

- makes connection available for amplifiers with such car radios, which are not equipped with connector for that purpose
- **convert speaker output to RCA socket**
- **adjustable volume per channel**
- **max. 2 x 50 W input power**
- frequency range: 20 - 25000 Hz
- max. attenuation: 60 dB
- output impedance: 10 kOhm
- dimensions: 90 x 65 x 27 mm



FMBT MIC

CAR SPEAKERPHONE AND CHARGER

CAN BE PLACED ON THE DASHBOARD, WITH PROFESSIONAL MICROPHONE

- 5in1: **BT handsfree + FM transmitter + double USB fast charger + music player + battery voltmeter**
- listen to music and make phone calls on the car radio
- can be placed on the dashboard, **professional microphone, with ~60 cm tangle-free cable** and control button
- telephone conversation without touching the phone
- answer or reject incoming calls, dial call number
- scroll to next track, remote control the music player
- activate voice assistant (Siri/Google Assistant)
- **voice announcement of caller ID** (English)
- double USB fast charger: 2,4 A + 1,0 A
- **measures the vehicle battery voltage**
- you can check the condition of the car battery
- suitable for vehicles with 12/24 V battery



FMBT 18RGB

CAR HANDSFREE AND CHARGER

- 5in1: **BT handsfree + FM modulator + double USB fast charger + music player + battery Voltmeter**
- listening to music and making calls on the car radio
- phone conversation without touching the phone
- call reception, rejection, dialing a phone number
- phone number announcement (in English)
- moving program tracks, remote control of music player
- **bass boost button**
- music playback: BT+USB+microSD (max. 32GB)
- activate voice assistant (Siri/Google/Bixby)
- **double USB fast charger: 2.4A + QC3.0**
- measures the voltage of the vehicle's battery
- you can check the condition of the car battery
- **RGB lighting effects** (can be turned off)
- convenient handling with a rotary knob
- suitable for vehicles with 12/24 V battery

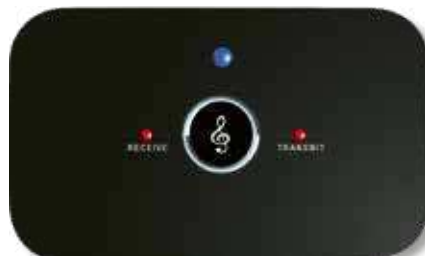


BTRC 100

2IN1 WIRELESS BT ADAPTER

YOU CAN EXPAND YOUR DEVICES WITH WIRELESS VOICE TRANSMISSION FUNCTION

- can be switched between **BT transmitter or BT receiver**
- wireless music playback, ca. 10 m in open range
- automatic operation mode change while connecting its cable
- audio input and output: 2 x Ø3,5 mm socket
- excellent sound, noise filtering and echo-sound suppression
- **automatic reconnection**
- automatic switch-off
- **built-in accumulator**, microUSB charger socket
- USB-microUSB charging cable is accessory
- accessory 3,5 mm - 3,5 mm and 3,5 mm - 2 x RCA cables
- **application examples: BT transmitter: TV, computer, multimedia player, HiFi equipment, BT receiver: headphone, HiFi equipment, amplifier, active soundbox, car radio**
- dimensions: 98 x 59 x 12 mm



BTRC 30

WIRELESS BT ADAPTER

EXPANDS YOUR DEVICES WITH WIRELESS VOICE TRANSMISSION FUNCTION

- can be switched between **BT transmitter or receiver**
- wireless stereo music playback, (BT 5.0, ~10 m)
- audio input and output: Ø3,5 mm stereo socket
- **automatic reconnection**
- accessory 3,5 mm/3,5 mm audio cable, (~1,0 m)
- power supply: USB 5 V
- **application examples: BT transmitter: TV, computer, multimedia player, HiFi equipment, BT receiver: car radio, headphone, HiFi equipment, amplifier, active soundbox**
- dimensions: 20 x 33 x 10 mm



SABT 31

BT EARPHONE WITH CAR CHARGER

ALWAYS AT HAND, IDEAL FOR PRIVATE CONVERSATION WHEN THERE ARE MORE PASSENGERS. YOU CAN TAKE THE EARPHONE WITH YOU WHILE SHOPPING.

- 3in1: **mono headset + USB fast charger + cigarette lighter socket**
- ultra light (4 g), can be worn in the right ear
- wireless BT connection
- **automatic charging**
- automatic reconnection
- built-in microphone
- **telephone conversation without touching the phone**
- answer call, reject, dial a number
- scroll track, remote control
- voice announcement of Caller ID (English)
- expected charging / operating time: ~45 minutes / ~105-140 minutes
- **USB quick charger: 3,1 A max.**
- cigarette lighter socket: 10 A max.
- suitable for vehicles with 12/24 V battery



SAIC1000TS

VOLTAGE CONVERTER AND NON-BREAK NUTRITION

It produces a **pure sinusoidal** mains voltage when 12V is available

- 12 V → 230 V~ AC (50 Hz) inverter
- also suitable **for sensitive equipment**
- ideal for **heating circulation pump**
- can be used in vehicles, boats, camping...
- two mains sockets with protective contacts
- **~1000 Watt nominal load capacity**
- three-stage **built-in battery charger**
- stable, almost uninterrupted power supply function
- **switches to battery mode in the event of a power failure**
- after a power outage, it switches back to the already stable network
- USB charging socket on the front panel (5 V / 2.5 A)
- **the DC voltage of the battery on a digital display**
- **the output AC voltage on a digital display**
- two-color LED indicating operation
- two-color **charging indicator LED**
- **soft start** by gradually increasing the voltage
- overload protection
- protection against overheating
- short circuit protection
- overvoltage protection
- **protection against battery exhaustion**
- warning **sound**
- child lock in the mains socket
- To be connected to a 12V battery and placed next to it
- battery cable: 2 x 8.4 mm² / ~50 cm
- included network connection cable
- size: 180 x 145 x 310 mm / 3.3 kg

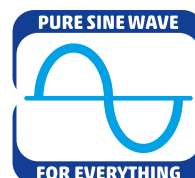


SAI 1000TS, SAI 500TS

PURE SINUSOIDAL VOLTAGE TRANSFORMER

It produces **pure sinusoidal** mains voltage, where 12V is available

- 12 V → 230V~ AC (50 Hz) inverter
- **ideal for both motor driven and sensitive equipment**
- recommended for use with heating circulation pumps
- use in vehicles, on boats, at campsites
- **USB charger socket** (5 V / 2.1 A)
- overload protection
- overheating protection
- surge protection
- short circuit protection
- **battery discharge protection**
- **child lock** in the mains socket
- intended for connection to and installation next to a battery



SAI 1000TS

- **1000 W continuous load capacity**
- 2000 W peak load capacity
- DC cable: 2 x 8AWG (8,4 mm²) / ~55 cm
- dimensions: 150 x 77 x 375 mm / 2,4 kg



SAI 500TS

- **500 W continuous load capacity**
- 1000 W peak load capacity
- DC cable: 2 + 2 x 10AWG (5,3 mm²) / ~55 cm
- dimensions: 120 x 57 x 260 mm / 0,95 kg



SAI 2000USB

VOLTAGE INVERTER

- makes supply voltage, if 12 V⁺ is available
- 12 V⁺ → 230 V~ AC (50 Hz) inverter
- useful friend on trips, during travel
- can be used in a vehicle, ship, camping
- overload protection
- overheat protection
- short circuit protection
- **secondary battery depletion protection**
- child safety in mains socket
- **USB charging socket** (5 V / 500 mA max.)

- **1000 Watt continuous load capacity**
- 2000 Watt peak load capacity



SAI 1000USB

VOLTAGE INVERTER

- makes supply voltage, if 12 V⁺ is available
- 12 V⁺ → 230 V~ AC (50 Hz) inverter
- useful friend on trips, during travel
- can be used in a vehicle, ship, camping
- overload protection
- overheat protection
- short circuit protection
- **secondary battery depletion protection**
- child safety in mains socket
- **USB charging socket** (5 V / 500 mA max.)

- **500 Watt continuous load capacity**
- 1000 Watt peak load capacity



SAI 600USB

VOLTAGE INVERTER

- makes supply voltage, if 12 V⁺ is available
- 12 V⁺ → 230 V~ AC (50 Hz) inverter
- useful friend on trips, during travel
- can be used in a vehicle, ship, camping
- overload protection
- overheat protection
- short circuit protection
- **secondary battery depletion protection**
- child safety in mains socket
- **USB charging socket** (5 V / 500 mA max.)

- **300 Watt continuous load capacity**
- 600 Watt peak load capacity



SMC20

SMART BATTERY CHARGER

- for **6 V and 12 V** batteries
- conventional **lead-acid** and closed, maintenance-free for **gel or glass fibre** types, and also for the latest **Li-ion** and **LiFePO4** types
- manual type selection
- automatic **SMART chargers**
- low-current, **battery-friendly charging** (2 A)
- **maintenance, servicing, regeneration filling**
- detects sulphation and acid stratification, then **restores the lost capacity** in the 12 V for lead-acid types
- memory in case of power failure
- **with interchangeable charging connector** (clip or ring)
- clear LCD display **with voltmeter**
- **highly protected against dust and water: IP65**
- reverse polarity protection
- short circuit protection
- overload protection
- protection against overheating
- protection against battery failure
- timeout protection
- dimensions: 150 x 42 x 65 mm



SA066

MOBILE AND TABLET HOLDER FOR THE HEADREST

- 2in1: **mobile phone and tablet holder**
- **can be attached to the metal bar of the headrest**
- the device **can be rotated 360 degrees**
- practical phone holder for rear passengers
- children can comfortably watch movies
- adults can see when they receive a message
- diameter of the support bar: 10-14 mm
- device image diagonal: ~4.7-12.9"
- fixable size min/max: **~140/230 mm**
- made of solid ABS plastic and metal, with rubberized surfaces



SA064

GRAVITY MOBILE HOLDER

- **can be placed on the ventilation opening of the vehicle**
- can be rotated, tilted up and down and sideways
- one-handed, fast, simple, silent use
- **automatically adapts to the size of the phone**
- **takes up little space when empty**, 115x40mm
- **can be attached to thinner and thicker lamellas**
- for phones up to approx. 65-80 mm width and 11 mm thickness
- its applicability depends on the characteristics of the vehicle and the phone



SA 062

CAR MOBILE HOLDER

- 2in1: **mobile phone holder and package hanger**
- **can be attached to the bar of the headrest** and rotated
- the attached package can be behind or in front of the seat back
- ideal for storing bags, umbrellas, drinks and food
- **practical phone holder for rear passengers**
- children can comfortably watch movies
- adults can see when they receive a message
- size of the support bar: 10-16 mm
- max. width of the phone: ~85 mm
- **load capacity of the hanger: 4-10 kg** (depending on the position of the buckle)



SA063

CAR MOBILE HOLDER

- **can be placed on the ventilation opening of the vehicle**
- can be rotated, tilted up and down and sideways
- **one-handed, fast, simple use**
- fastening tabs that open at the push of a button
- extendable lower soles
- **silicone surfaces protect** the phone
- strong, metal hook for the **horizontal or vertical ventilation lamella** (10-36mm)
- up to approx. 55-95mm phone width (approx. 4-7" image diagonal)



SA065

BICYCLE-SCOOTER MOBILE HOLDER (4-7")

- **can be mounted on the handles of scooters, bicycles, electric bicycles, indoor bicycles, motorbikes, and prams**
- solid, **reinforced support clamp** with metal screw
- **rotatable and tiltable holder**
- **safety latch for a tight fit**
- **the corners of the phone are protected** in the event of a fall or accident
- rubber and silicone inserts for non-slip and **scratch-free** attachment
- phone height / width: ~130-180/55-85mm
- handlebar diameter: 18-45mm



SAU80W

CAR USB CHARGER AND VOLTAGE DIVIDER WITH VOLTMETER

- for simultaneous operation of **up to five devices**
- 3 x 12 V / 24 V cigarette lighter socket
- 2xUSB socket
- **voltmeter in the plug**
- check the condition of the car battery before starting
- check the battery charge when the engine is running
- **can prevent start-up difficulties**
- see if your old battery is worn out
- **80 W max.** load capacity
- USB max. load: 5 V $\overline{-}$ / 3.4 A
- **12/24V for use in vehicles**
- metal cladding
- ~0,5 m wire
- overload protection and replaceable fuse
- dimensions: 110 x 32 x 55 mm



SA022

CAR VOLTAGE DISTRIBUTOR

- for **two devices** simultaneously
- LED indicating operation
- replaceable fuse
- for **12 V and 24 V vehicles**
- load capacity max. 12 V / 24 V / 5 A
- dimensions: 64 x 34 x 45/97 mm



3.100110

USB CAR CHARGER

Triple USB Car Charger Micro USB Connector

- simultaneously useable for 3 appliances
- **it has 2 USB sockets and a pull-out micro-USB connector**
- **useable in 12-24 V vehicles**
- input: 12-24 V
- output: 5 V $\overline{-}$ / 3.1 A (shared)



q2power™
ENERGY WORLDWIDE



SAU 96

HIGH CAPACITY CAR USB CHARGER

- **extra fast USB charger**
- **4 high performance outputs**
- **ideal also for the rear seat travellers**
- useable in 12-24 V vehicles
- **USB: 4 x 2,4 A (5 V / 9,6 A / 48 W max.)**
- **180 cm wire**



SAU34AC

CAR CHARGER, 2IN1

- for charging two devices at the same time
- **USB-A socket + USB-C socket**
- operation LED
- 5 V $\overline{-}$ / **3,4 A** total load capacity
- 12/24 V for use in vehicles



SAU 24MU

CAR CHARGER 2IN1

- for charging two devices simultaneously
- **USB socket + microUSB plug on a spiral cord**
- LED indicating operation
- 5 V/2.4 A total capacity
- useable in 12-24 V vehicles



SAU 24C

CAR CHARGER 2IN1

- for charging two devices simultaneously
- **USB socket + USB-C plug on a spiral cord**
- LED indicating operation
- 5 V/2.4 A total capacity
- useable in 12-24 V vehicles



WS 20**CIGARETTE LIGHTER PLUG**

- with fuse holder and F 3A (Ø6 x 30 mm) fuse
- 12 V $\overline{=}$

**WS 11****CIGARETTE LIGHTER SOCKET**

- ideal for extending cables
- suitable for car vacuum-cleaner, cooler-box
- 12 V $\overline{=}$

**91998****CIGARETTE LIGHTER PLUG**

- with fuse holder and F 8A (Ø5 x 20 mm) fuse
- with built-in lighting toggle switch
- **12-24 V use, to be soldered**
- switches on or off and protect your devices

**94838****EXTENDING CABLE FOR CIGARETTE LIGHTER**

- spiral wire
- red LED indicator light
- **12-24 V $\overline{=}$**
- 10 A fuse
- length: approx. 4 m

**ISO 2****ISO CONNECTOR PAIR FOR CAR RADIO**

- for connecting speakers and power supply
- with 15 cm long, labelled wire

**SA-FISO 022****ISO CABLE EXTENSION**

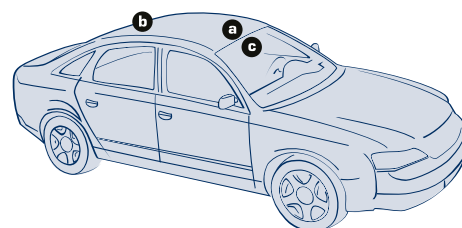
- extension
- ISO plug - ISO socket
- power supply / 4 speakers

**SA-ANTCS 001****CAR ANTENNA ADAPTER**

- ISO plug to DIN plug

**SA-ANTCS 002****CAR ANTENNA ADAPTER**

- DIN plug to ISO plug



pict.	type	denomination	technical parameters	location on the vehicle
1	91110	Car antenna with amplifier	inner antenna, can be stuck to the windshield, with adhesive fixing, with built-in amplifier (12 V), 340 x 9 mm stripe, DIN connector and plug, 1,9 m cable	c
2	90557	Car antenna to the top	drop-shape base, Ø5 mm screw, 440 mm/ tiltable 0 -45°, rubber coated, DIN plug, 2 m cable	a, b
3	90595	Car antenna to the top	oval base (VW Golf), Ø5 mm screw, 400 mm/ 52 ° fixed tilt-angle, rubber coated, DIN plug, 3 m cable	a, b
4	93220	Car antenna with amplifier to the top	oval base (VW Golf), Ø5 mm screw, with built in amplifier (12 V), 400 mm/ 52 ° fixed tilt-angle, rubber coated, DIN plug, 3 m cable	a, b

90304

CAR COMPRESSOR

- air pressure: max. 18 bar, 250 PSI
- motor current consumption: 10 A
- **3 nozzle adapters**
- cable length: 2,5 m
- power supply: 12 V---



90717

FOOT PUMP WITH 3 VALVES

- with 1+2 valve adapter
- air pressure measuring up to 7 bar
- application fields: car-, motor-, bicycle tire; rubber boat, air mattress, balls...



97242

STARTER CABLE

- max. 600 A / 12-24 V
- **4,0 m** / 6,00 mm²
- 99% quality copper
- practical carrying case



91769

AIR PRESSURE MEASURER FOR TIRES

- durable, massive, metal housing
- measuring range: **0,5-7,5 bar**



SS 1116/N; SS 1116/P

CAR BATTERY CONNECTOR

- for positive pole (P)
- for negative pole (N)
- output: 2 x 10 mm² + M8 screw with Ø16 mm washer
- titanium, with gold plated screw



90762

TRAILER SWIVEL CONNECTOR

- 7 poles, cable strain relief
- Voltage: 12 V---



90779

TRAILER CONNECTOR SOCKET

- 7 poles, with spring protective lid
- Ø70 mm
- Voltage: 12 V ---



VST 01

STEERING WHEEL TRAY

- **double-sided design: laptop holder and food tray in one**
- lightweight and portable design
- mounting without tools
- maximum load: 5 kg
- cup holder size: Ø75 mm
- dimensions: 420 x 280 x 22 mm



90205

HEATED SEAT PROTECTOR

- **adjustable heating; 2-stages**
- with elastic straps and with accessory hooks can be fixed quickly
- can be connected into a 12 V cigarette lighter
- 440 x 400/440 x 440 mm, quilted



Connectors for mobile devices

USBHUB7

TYPE-C MULTIPOINT HUB / DOCKING STATION

- **7in1 computer expander**
- **Gigabit RJ45 LAN wired internet adapter**
- can be connected: high-resolution **4K HDMI HDR display**, wired and wireless **mouse and keyboard**, printer, **TF/microSD and SD card**, 2TB USB storage, **hard disk**, 100W PD charger, etc.
- MAC OS, Windows, Linux "plug & play", without driver
- premium, **aluminum casing**
- **for expanding notebooks, tablets, mobile phones**
- size: 135 x 17 x 32 mm / 66 g



USBHUB6

TYPE-C MULTIPOINT HUB / DOCKING STATION

- **6in1 computer expander**
- connectable: high-resolution **4K HDMI display**, wired and wireless **mouse and keyboard**, printer, TF/microSD and SD card, **USB storage**, hard drive, **~100 W PD charger**, etc.
- MAC OS, Windows, Linux "plug & play", without driver
- **exclusive cover with viewing window**, with LED indicators
- for expanding notebooks, tablets, mobile phones
- size: 112 x 11 x 41 mm / 51 g



SA 2000Qi

WIRELESS CHARGER

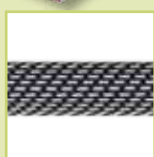
- **3in1: charge a phone, watch and earphones at the same time**
- convenient, single-wire connection
- the phone can be placed both in horizontal and vertical position
- manufacturer-independent phone compatibility if the phone supports **Qi standard wireless charging**
- the watch charger is also wireless (e.g. iWatch)
- the earphone charger has built-in Lightning plug (e.g. AirPods)
- multi-colored charge indicator LED
- accessory USB / USB-C charger cable
- dimensions: 200 x 100 x 85 mm
- *Check the compatibility of your products before purchase! It requires a 2A adapter (e.g. SA 24USB).*



USB4X1

USB CHARGING CABLE

- **4in1: USB-C / USB-C + USB-C / LIGHTNING + USB-A / USB-C + USB-A / LIGHTNING**
- flat, **tangle-free** cable
- durable, flexible, woven nylon cover
- **robust, metal plugs**
- also ideal for QC/PD/PPS fast charging
- usually also functions as a data cable
- 20 V^{max} / 3,3 A / **66 W** / 480 Mbps / 1,1 m



USBCC2M100L

USB-C / USB-C CHARGING CABLE

- **USB-C plug / USB-C plug**
- **2 m extra length** - convenient to use
- exclusive **charging LED row**
- durable, flexible, woven nylon cover
- **tangle-free** cable
- ABS housing, **aluminium casing**
- also ideal for QC/PD/PPS fast charging
- usually also functions as a data cable
- 20 V^{max} / 3,0 A / **100 W** / 480 Mbps



USBCC100PM

USB-C / USB-C CHARGING CABLE

- **USB-C plug / USB-C plug**
- exclusive **charge meter digital display**
- **power meter** display in the plug ($\pm 5\%$)
- durable, flexible, woven nylon cover
- **tangle-free** cable
- ABS housing, **aluminium casing**
- also ideal for QC/PD/PPS fast charging
- usually also functions as a data cable
- 20 V^{max} / 3,0 A / **100 W** / 480 Mbps / 1,2 m



USBCC1

USB-C / USB-C CHARGING CABLE

- with **USB-C / USB-C** plugs
- resistant, **woven nylon cover**
- usually also works as a data cable
- ~1 m / USB2.0 / 480 Mbps max. / 5 V^{max} / 2,1 A max.



USBCC 60

USB C-C CHARGER CABLE

- **suitable for normal, QC/PD/PPS fast charging**
- usually also functions as a data cable
- USB2.0 / 480 Mbps / 20 V^{max} / 3 A / **60 W max.** / ~1 m



USBC 1

CHARGING CABLE, USB-C

- **flexible**, comfortable to use
- usually works as data cable as well
- **length: ~1 m**
- USB 2.0 / 5 V^{max} / 2,1 A max.



USBCL1

USB-C / LIGHTNING CHARGING CABLE

- with **USB-C / LIGHTNING** plugs
- resistant, **woven nylon cover**
- usually also works as a data cable
- ~1 m / USB2.0 / 480 Mbps max. / 5 V^{max} / 2,1 A max.



USBAL1

USB-A / LIGHTNING CHARGING CABLE

- with **USB-A / LIGHTNING** plugs
- resistant, **woven nylon cover**
- usually also works as a data cable
- ~1 m / USB2.0 / 480 Mbps max. / 5 V^{max} / 2,1 A max.



USBAC1

USB-A / USB-C CHARGING CABLE

- with **USB-A / USB-C** plugs
- resistant, **woven nylon cover**
- usually also works as a data cable
- ~1 m / USB2.0 / 480 Mbps max. / 5 V^{max} / 2,1 A max.



USBF C2

CHARGING CABLE, USB-C

- both plugs can be connected in reverse
- convenient and fast use in the dark, in the car...
- flexible, durable, **tangle-free** flat wire
- premium quality, with **~2 m long** wire
- usually also functions as a data cable
- USB 2.0 / 5 V⁺ / 2,1 A max.



USBF 3

microUSB CHARGER CABLE

- **USB-A plug - microUSB-B plug**
- **both plugs can be connected inversely**
- easy and fast use even in poor visibility conditions, in car
- flexible, durable, **entanglement free** flat cable
- premium quality, gilded connections
- usually works as data cable as well
- USB 2.0 / 5 V⁺ / 2,1 A max.
- **length: 3 m**



USBF 2

microUSB CHARGER CABLE

- **USB-A plug - microUSB-B plug**
- **both plugs can be connected in reverse**
- convenient and fast use in the dark, in the car
- flexible, durable, **tangle-free** flat wire
- premium quality, with **~2 m long** wire
- usually also functions as a data cable
- USB 2.0 / 5 V⁺ / 2,1 A max.



USB A/MICRO-1

microUSB CHARGER CABLE

- ideal to charge accumulators of portable devices with microUSB-B socket
- usually works as data cable as well
- **length: ~1 m**
- USB 2.0 / 5 V⁺ / 1 A max.



USBC OTG

USB-C OTG CABLE

- **socket: USB-A - plug: USB-C**
- bidirectional data cable
- **for transferring files without a computer**
- video and music streaming from USB storage units
- compatibility depends on mobile device
- USB2.0 / 480 Mbps / 5 V⁺ / 2,1 A / ~16 cm



SA 044

MICRO USB OTG CABLE

- **USB-A socket - microUSB-B plug**
- two-way data cable
- **copy of files without computer**
- playback of video and music from USB storage devices
- compatibility depends on mobile device
- USB2.0 / 480 Mbps / 5 V⁺ / 2,1 A / ~16 cm



USBC A2

USB-A / USB-C CONVERTER

- Connect your old and new devices together!
- **plug: USB-A**
- **socket: USB-C**
- generally also suitable for data transmission
- USB2.0 / 240 Mbps / 5 V⁺ / 2,1 A



USBCA3

USB-A / USB-C CONVERTER

- Connect your old and new devices!
- **plug: USB-C**
- **socket: USB-A**
- ideal for **fast charging**, usually also suitable for data transfer
- USB3.0 / 5 Gbps / 20 V⁺ / 3,0 A / **60 W**



USBCA4

LIGHTNING / USB-C CONVERTER

- Connect your old and new devices!
- **LIGHTNING plug / USB-C socket**
- ideal for **PD fast charging**, also suitable for data transmission in general
- **aluminium** casing, key ring
- 15 V⁺ / 2,0 A / **30 W** / 480 Mbps



Audio and video connector, accessory

ATD VIDEO

ANALOG-DIGITAL VIDEO CONVERTER

CONNECTING OLD DEVICES WITH NO DIGITAL OUTPUT TOGETHER WITH NEW DEVICES WITH DIGITAL OUTPUT.

- connecting old devices (video recorders, DVD players, game-consoles, video cameras, set top boxes, etc.) to new televisions, projectors
- converts the traditional analog signal to digital signal
- **input: 3 x RCA socket** (composite video and stereo sound)
- **output: 1 x HDMI socket**
- accessory miniUSB - USB A power cable
- dimensions: 60 x 55 x 20 mm



DTA AUDIO

DIGITAL TO ANALOGUE CONVERTER

ENJOY THE SOUND OF YOUR TV THROUGH YOUR HIFI SYSTEM!

- **for connecting devices equipped with digital sound output and stereo devices without such outputs**
- for achieving quality sound of LCD TV, Set Top Box, DVB-T receiver, DVD/Blue-ray player on HiFi equipment or active sound boxes
- converts the digital or optical audio signal to analogue stereo signal
- input 2in1: **optical TOSLINK + digital coaxial RCA**
- output: 2 x RCA socket, stereo
- **accessory: 1.5 m optical cable, mains adapter (5 V⁺/1 A), included**
- dimensions: 51 x 26 x 41 mm



V 50S

VIDEO CONVERTER

- 21 pole euro plug - 3 x RCA socket + SVHS socket
- with stereo converter switch



HD 4K SERIES

HDMI CABLE

- version V 2.0
- gilded
- "A" plug - "A" plug
- resolution: 4K x 2K
- multilayer shielding
- high data rate: 18 Gbit/s
- UltraHD 4K @ 60fps
- ideal for displaying HDR and 3D

type	length
HD 4K/1,8	1,8 m
HD 4K/3	3 m



HDS SERIES

HDMI CABLE

- V1.4 version
- gilded
- "A" plug - "A" plug

type	length
HDS 1	1 m
HDS 2	2 m
HDS 4,5	4,5 m



A 4

VIDEO CABLE

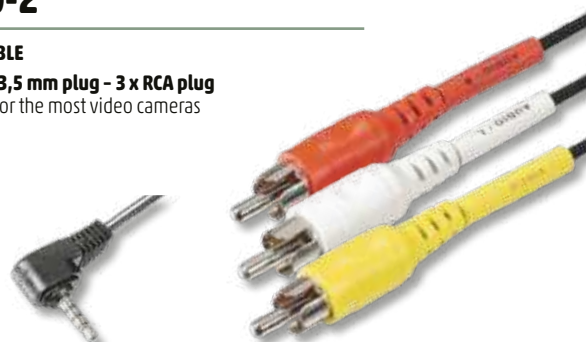
- 3 x RCA plug - 3 x RCA plug
- 1 m



VC 20-2

VIDEO CABLE

- 4 pole Ø3,5 mm plug - 3 x RCA plug
- suitable for the most video cameras
- 2 m



AC 16M

AUDIO CONVERTER

- Ø3,5 mm stereo plug
- 2 x Ø3,5 mm stereo sockets
- 15 cm



A 3-1M

AUDIO CABLE

- 2 x RCA plugs - 2 x RCA plugs
- 1 m



A 49-1M

AUDIO CABLE

- Ø3,5 mm stereo plug
- 2 x RCA plugs
- 1 m



A 49-4M

- 4 m

A 51-1M

AUDIO CABLE

- Ø3,5 mm straight stereo plug
- Ø3,5 mm pipe stereo plug
- 1 m



A 54-2.5M

AUDIO CABLE

- Ø3,5 mm stereo plug
- Ø3,5 mm stereo socket
- 2,5 m



A 3

AUDIO CABLE

- 2 x RCA plug - 2 x RCA plug
- 1,5 m



A 49

AUDIO CABLE

- Ø3,5 mm stereo plug - 2 x RCA plug
- 1,5 m



A 49-5

- 5 m

A 51

AUDIO CABLE

- Ø3,5 mm stereo plug - Ø3,5 mm stereo plug
- 1,5 m



A 51-5

- 5 m

A 54-5

AUDIO CABLE

- Ø3,5 mm stereo plug - Ø3,5 mm stereo socket
- 5 m



OPK 2/1,5

OPTICAL CABLE

- Toslink plug - Toslink plug
- Ø2,2 mm
- with dustproof cap
- 1,5 m



51225

TOSLINK - MINI TOSLINK CABLE

- Toslink plug - 3.5 mm Mini Toslink plug
- optical cable, optical connector
- Ø2,2 mm
- ~2,0 m



11922

TOSLINK - MINI TOSLINK ADAPTER

- Toslink socket - 3.5 mm Mini Toslink plug
- optical converter



AC 17

AUDIO CONVERTER

- Ø3,5 mm stereo plug - 2 x RCA socket converters



AC 16

AUDIO CONVERTER

- Ø3,5 mm stereo plug - 2 x Ø3,5 mm stereo socket converters



AC 4

AUDIO CONVERTER

- Ø6,3 mm mono plug - RCA socket converter



AC 9

AUDIO CONVERTER

- Ø6,3 mm stereo plug - Ø3,5 mm stereo socket converter



AC 6

AUDIO CONVERTER

- Ø3,5 mm stereo plug - Ø6,3 mm stereo socket converter



AC 19

RCA EXTENSION

- RCA socket - RCA socket - mono



RCA 11MF

RCA PLUG PAIR

- metal
- gilded
- with strain relief
- only with composite color marks

1 pc with white mark



1 pc with red mark

SK 4M

JACK PLUG

- Ø3,5 mm stereo plug
- metal
- with strain relief



SK 4

JACK PLUG

- Ø3,5 mm stereo plug
- plastic
- with strain relief



SK 3M

JACK PLUG

- Ø6,3 mm stereo plug
- metal
- with strain relief



SK 2M

JACK PLUG

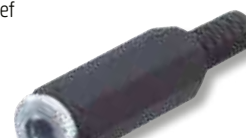
- Ø6,3 mm mono plug
- metal
- with strain relief



SK 4K

JACK SOCKET

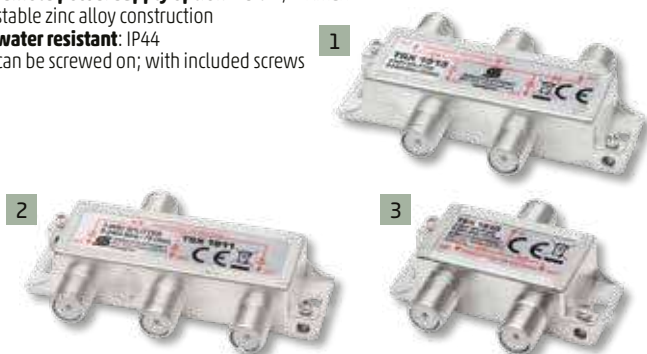
- Ø3,5 mm stereo socket
- plastic
- with strain relief



TSX SERIES

F DISTRIBUTOR, HQ QUALITY

- 75 Ohm impedance
- **broadband signal transmission: 5-2400 MHz**
- voltage input option through the outputs
- **remote power supply option:** 15 V_{DC} / 1 A max.
- stable zinc alloy construction
- **water resistant:** IP44
- can be screwed on; with included screws

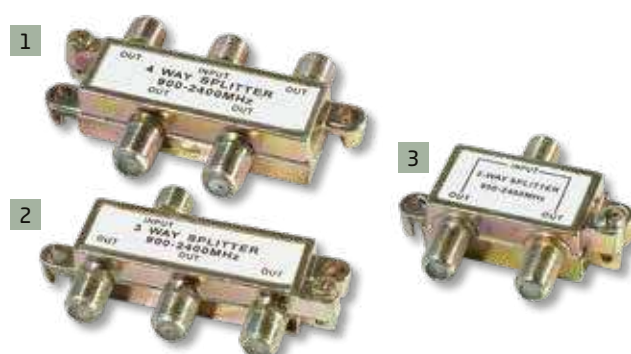


picture	type	feature	plug
1	TSX 1913	4 channel	1 x input - 4 x output
2	TSX 1911	3 channel	1 x input - 3 x output
3	TSX 1910	2 channel	1 x input - 2 x output

TSP SERIES

F DISTRIBUTOR

- applicable for cable television and satellite
- **900 - 2400 MHz**



picture	type	feature	plug
1	TSP 1913	4 channel	1 x input - 4 x output
2	TSP 1911	3 channel	1 x input - 3 x output
3	TSP 1910	2 channel	1 x input - 2 x output

RF SERIES

COAXIAL CABLE

- coaxial plug - coaxial socket
- double shielding

type	color	length
RF 1	white	1,5 m
RF 3	white	2,5 m
RF 5	white	5,0 m
RF 10	white	10 m



FS 28

COAXIAL DISTRIBUTOR

- 1 x plug - 2 x sockets
- „T“-shaped, metal



COAX PLUG, COAX SOCKET



im.	type	connector	fabric	installation mode	design
1	FST 1	plug	metal	can be wound on RG 6 cable	straight
2	FST 2	socket	metal	can be wound on RG 6 cable	straight
3	FS 14	plug	metal	can be screwed	straight
4	FS 15	socket	metal	can be screwed	straight
5	FS 1	plug	metal + plastic	can be screwed	pipe
6	FS 2	socket	metal + plastic	can be screwed	pipe
7	FS 18	plug	metal + plastic, reinforced	can be screwed	straight
8	FS 19	socket	metal + plastic, reinforced	can be screwed	straight

F CONNECTOR, F CONVERTER



im.	type	connector	fabric	installation mode	design
1	FF 1/PRO	plug	metal, reinforced	can be wound on RG 6 cable	straight
2	FF 1	plug	metal	can be wound on RG 6 cable	straight
3	FF 21	plug	metal	can be wound on KH 3 cable	straight
4	F 803C	plug	metal	can be crimped onto S6TSV cable	straight
5	FF 13	socket-socket	metal	can be screwed	straight
6	FF 15	plug-socket	metal	can be screwed	pipe
7	FF 18	coax plug - F socket	metal	can be screwed	straight
8	FF 18P	coax plug - F socket	metal	can be screwed	pipe
9	FF 19	coax plug - F socket	metal	can be screwed	straight



S 6 SERIES

COAXIAL CABLE

- impedance: 75 Ω
- $\varnothing$ 7,06 mm PVC insulation
- aluminium + PET foil
- $\varnothing$ 0,12 mm x 96 threads, ALU braid
- aluminium + PET foil
- $\varnothing$ 4,6 mm foam PE insulation
- $\varnothing$ 1,02 mm copper coated steel internal thread

type	color	length
S 6TSV/WH	white	305 m / spool
S 6TSV/BK	black	305 m / spool
S 6TSP/WH	white	100 m / spool



RG 6U SERIES

COAXIAL CABLE

- impedance: 75 Ω
- $\varnothing$ 6,9 mm PVC insulation
- $\varnothing$ 0,12 mm x 48 threads, ALU braid
- aluminium + PET foil
- $\varnothing$ 4,6 mm foam PE insulation
- $\varnothing$ 1,0 mm copper clad steel internal wire

type	color	length
RG 6U/WH	white	100 m / spool
RG 6U-500/WH	white	500 m / spool



RG 6-32 SERIES

COAXIAL CABLE

- impedance: 75 Ω
- $\varnothing$ 6,5 mm PVC insulation
- $\varnothing$ 0,12 mm x 32 thread, copper braid
- aluminium + PET foil
- $\varnothing$ 4,6 mm foam PE insulation
- $\varnothing$ 0,9 mm copper internal wire

type	color	length
RG 6-32/WH	white	100 m / spool
RG 6-32/BK	black	100 m / spool



RG 58

COAXIAL CABLE

- impedance: **50 Ω**
- $\varnothing$ 5,0 mm PVC insulation
- $\varnothing$ 0,12 mm x 96 thread, copper braid
- $\varnothing$ 2,95 mm PE insulation
- $\varnothing$ 0,18 mm x 19 copper internal wire
- black
- 100 m/spool



type	color	impedance	exterior	shading/other	dielectric	inner thread	length
S 6TSV/WH	white	75 Ω	$\varnothing$ 7,06 mm PVC	aluminium + PET foil / $\varnothing$ 0,12 mm x 96 threads, ALU braid / aluminium + PET foil	$\varnothing$ 4,6 mm foam PE	$\varnothing$ 1,02 mm copper clad steel	305 m
S 6TSV/BK	black	75 Ω	$\varnothing$ 7,06 mm PVC	aluminium + PET foil / $\varnothing$ 0,12 mm x 96 threads, ALU braid / aluminium + PET foil	$\varnothing$ 4,6 mm foam PE	$\varnothing$ 1,02 mm copper clad steel	305 m
S 6TSP/WH	white	75 Ω	$\varnothing$ 7,06 mm PVC	aluminium + PET foil / $\varnothing$ 0,12 mm x 96 threads, ALU braid / aluminium + PET foil	$\varnothing$ 4,6 mm foam PE	$\varnothing$ 1,02 mm copper clad steel	100 m
RG 6U/WH	white	75 Ω	$\varnothing$ 6,9 mm PVC	$\varnothing$ 0,12 mm x 48 threads, ALU braid / aluminium + PET foil	$\varnothing$ 4,6 mm foam PE	$\varnothing$ 1 mm copper clad steel	100 m
RG 6U-500/WH	white	75 Ω	$\varnothing$ 6,9 mm PVC	$\varnothing$ 0,12 mm x 48 threads, ALU braid / aluminium + PET foil	$\varnothing$ 4,6 mm foam PE	$\varnothing$ 1 mm copper clad steel	500 m
RG 6-32/WH	white	75 Ω	$\varnothing$ 6,5 mm PVC	$\varnothing$ 0,12 mm x 32 threads, copper braid / aluminium + PET foil	$\varnothing$ 4,6 mm foam PE	$\varnothing$ 0,9 mm copper	100 m
RG 6-32/BK	black	75 Ω	$\varnothing$ 6,5 mm PVC	$\varnothing$ 0,12 mm x 32 threads, copper braid / aluminium + PET foil	$\varnothing$ 4,6 mm foam PE	$\varnothing$ 0,9 mm copper	100 m
RG 58	black	50 Ω	$\varnothing$ 5 mm PVC	$\varnothing$ 0,12 mm x 96 threads, copper braid	$\varnothing$ 2,95 mm PE	$\varnothing$ 0,18 mm x 19 copper	100 m

BH 036

BATTERY CONNECTOR

- for 9 V battery
- with 15 cm wire



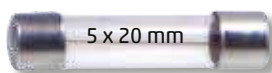
AC 1D

AC PLUG

- 3 pole (250 V~ / 10 A / 2300 W)
- can be screwed



FUSE



type	nature
F100 MA	5 x 20 mm fast
F500 MA	5 x 20 mm fast
F1 A	5 x 20 mm fast
F1,6 A	5 x 20 mm fast
F2 A	5 x 20 mm fast
F2,5 A	5 x 20 mm fast
F3,15 A	5 x 20 mm fast
F4 A	5 x 20 mm fast
F5 A	5 x 20 mm fast
F6,3 A	5 x 20 mm fast
F8 A	5 x 20 mm fast
F10 A	5 x 20 mm fast
F16 A	5 x 20 mm fast

type	nature
T500 MA	5 x 20 mm slow-break
T1 A	5 x 20 mm slow-break
T2 A	5 x 20 mm slow-break
T3,15 A	5 x 20 mm slow-break
T4 A	5 x 20 mm slow-break
T6,3 A	5 x 20 mm slow-break

DC 1K

DC INTER-CORD SWITCH

- cca. 2 x 15 cm wire
- **max 12 V~ / 3 A / 36 W**
- Ø2,1 x Ø5,5 x 10 mm
- can be used for LED strip and hobby purposes



AC 1A

AC SOCKET

- 3 pole (250 V~ / 10 A / 2300 W)
- can be screwed



BF 53L

FUSE HOLDER

- 5 x 20 mm
- with wire
- screw-on attachment



DC 2CS

DC CONNECTION SOCKET WITH TERMINAL BLOCK

- **max 12 V~ / 3 A / 36 W / 0,5-1 mm² wire**
- Ø2,1 x Ø5,5 x 10 mm



AC 2D

AC BUILT-IN PLUG

- 3 pole (250 V~ / 10 A / 2300 W)
- solderable



BF 52B

FUSE HOLDER

- 5 x 20 mm
- **flush-mount**
- **tool-free replaceable fuse**



STV 15

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 250 V~ / 6 A



STV 03

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 250 V~ / 10 A



STV 04

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 250 V~ / 10 A



STV 07

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 250 V~ / 6 A



STV 08

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 250 V~ / 6 A



STV 11

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 250 V~ / 6 A



STV 12

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 250 V~ / 6 A



STV 05

LIGHTING ROCKER SWITCH

- 2 circuits - 2 positions
- 250 V~ / 6 A



STV 06

LIGHTING ROCKER SWITCH

- 2 circuits - 2 positions
- 250 V~ / 5 A



STV 01

LIGHTING ROCKER SWITCH

- 2 circuits - 2 positions
- 250 V~ / 10 A



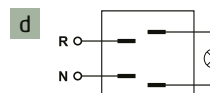
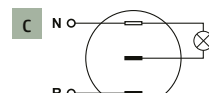
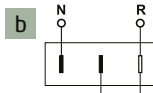
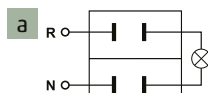
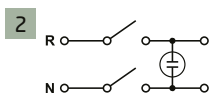
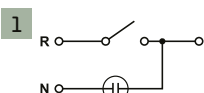
STV 02

LIGHTING ROCKER SWITCH

- 2 circuits - 2 positions
- 250 V~ / 10 A



	max.load (V / A)	number of coupled circuits	button/rod/knob positions	size of switch (mm)	mounting size/ slot (YxZ or Ø)	mounting depth with terminal (mm)	number of terminals	width of terminals (mm)	type of light source	power supply of light source	switch connection	light source connection
STV 15	250 V~ / 6 A	1	2 / button	21 x 15	20 x 13	22	3	4,8	glimm	230 V~	1	b
STV 03	250 V~ / 10 A	1	2 / button	34 x 14	31 x 11	26,6	3	6,3	glimm	230 V~	1	b
STV 04	250 V~ / 10 A	1	2 / button	34 x 14	31 x 11	26,6	3	6,3	glimm	230 V~	1	b
STV 07	250 V~ / 6 A	1	2 / button	Ø23	Ø21	24	3	4,8	glimm	230 V~	1	c
STV 08	250 V~ / 6 A	1	2 / button	Ø23	Ø21	24	3	4,8	glimm	230 V~	1	c
STV 11	250 V~ / 6 A	1	2 / button	Ø23	Ø21	24	3	4,8	glimm	230 V~	1	c
STV 12	250 V~ / 6 A	1	2 / button	Ø23	Ø21	24	3	4,8	glimm	230 V~	1	c
STV 05	250 V~ / 6 A	2	2 / button	21 x 15	20 x 13	22	4	4,8	glimm	230 V~	2	d
STV 06	250 V~ / 6 A	2	2 / button	21 x 15	20 x 13	22	4	4,8	glimm	230 V~	2	d
STV 01	250 V~ / 10 A	2	2 / button	32 x 26	31 x 22	27	4	6,3	glimm	230 V~	2	a
STV 02	250 V~ / 10 A	2	2 / button	32 x 26	31 x 22	27	4	6,3	glimm	230 V~	2	a



ST 1/BK

MINI ROCKER SWITCH

- 1 circuit - 2 positions
- 250V~ / 3 A



ST 302

TOGGLE SWITCH

- 1 circuit - 2 positions
- 250V~ / 3 A



ST 21

TOGGLE SWITCH

- 1 circuit - 2 positions
- 250V~ / 6 A



ST 10/BK

PUSH-BUTTON SWITCH

- 1 circuit - 2 positions
- 250V~ / 3 A



ST 304

TOGGLE SWITCH

- 2 circuits - 2 positions
- 250V~ / 3 A



ST 303

TOGGLE SWITCH

- 1 circuit - 3 positions
- 250V~ / 3 A



ST 22

TOGGLE SWITCH

- 1 circuit - 3 positions
- 250V~ / 6 A



ST 10/RD

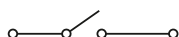
PUSH-BUTTON SWITCH

- 1 circuit - 2 positions
- 250V~ / 3 A

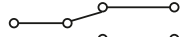


	max.load (V / A)	number of coupled circuits	button/rod/knob positions	size of switch (mm)	mounting size/slot (YxZ or Ø)	mounting depth with terminal (mm)	number of terminals	width of terminals (mm)	switch connection
ST1/BK	250 V~ / 3 A	1	2 / button	21 x 15	20 x 13	18,5	2	4,8	3
ST 302	250 V~ / 3 A	1 (switching)	2 / rod	13 x 8	Ø6	15	3	2	4
ST 304	250 V~ / 3 A	2 (switching)	2 / rod	13 x 13	Ø6	15	6	2	5
ST 303	250 V~ / 3 A	1 (switching)	3 / rod	13 x 8	Ø6	15	3	2	6
ST 21	250 V~ / 6 A	1 (switching)	2 / rod	29 x 16	Ø11,5	28,2	3	6,3	4
ST 22	250 V~ / 6 A	1 (switching)	3 / rod	29 x 16	Ø11,5	28,2	3	6,3	6
ST 10/BK	125 V~ / 3 A	1	2 / knob	Ø19	Ø12	28,5	2	2,8	3
ST 10/RD	125 V~ / 3 A	1	2 / knob	Ø19	Ø12	28,5	2	2,8	3

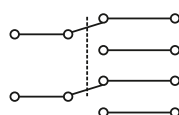
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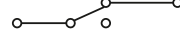
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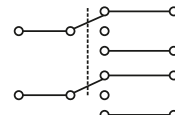
5



6



7





SP 10/BK

PUSH-BUTTON

- 1 circuit
- closing - OFF - (ON)
- 125 V~ / 3 A



SP 10/RD

PUSH-BUTTON

- 1 circuit
- closing - OFF - (ON)
- 125 V~ / 3 A
- red



SP 12/RD

PUSH-BUTTON

- 1 circuit
- closing - OFF - (ON)
- 250 V~ / 1,5 A
- red



SP 12/GR

PUSH-BUTTON

- 1 circuit
- closing - OFF - (ON)
- 250 V~ / 1,5 A
- green



SP 02/BK

PUSH-BUTTON

- mini closing
- 1 circuit
- black



SP 02/RD

PUSH-BUTTON

- mini closing
- 1 circuit
- red



MSW 13

MICRO SWITCH

- 1 circuit - alternate - ON - (ON)
- 250 V~ / 5 A - mini, pinch roller
- external dimensions: 20 x 10 x 6 mm



MSW 01

MICRO SWITCH

- 1 circuit - alternate - ON - (ON)
- 250 V~ / 10 A
- external dimensions: 28 x 16 x 10 mm



MSW 03

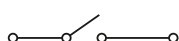
MICRO SWITCH

- 1 circuit - alternate - ON - (ON)
- 250 V~ / 10 A - pinch roller
- external dimensions: 28 x 16 x 10 mm

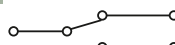


	max.load (V / A)	number of coupled circuits	button/rod/knob positions	size of switch (mm)	mounting size/slot (YxZ or Ø)	mounting depth with terminal (mm)	number of terminals	width of terminals (mm)	switch connection
SP 10/BK	125 V~ / 3 A	1	2 / knob	Ø19	Ø12	28,5	2	2,8	3
SP 10/RD	125 V~ / 3 A	1	2 / knob	Ø19	Ø12	28,5	2	2,8	3
SP 12/RD	250 V~ / 1,5 A	1	2 / knob	Ø14	Ø13	21	2	2	3
SP 12/GR	250 V~ / 1,5 A	1	2 / knob	Ø14	Ø13	21	2	2	3
SP 02/BK	250 V~ / 1,5 A	1	2 / knob	Ø7	Ø7	15	2	2	3
SP 02/RD	250 V~ / 1,5 A	1	2 / knob	Ø7	Ø7	15	2	2	3
MSW 13	250 V~ / 5 A	1	2 / rod	20 x 11 x 7	20 x 10,7 x 6,5		3	2,8	4
MSW 01	250 V~ / 10 A	1	2 / knob	29 x 16 x 10	29 x 16 x 10,3		3	6,3	4
MSW 03	250 V~ / 10 A	1	2 / rod	29 x 16 x 10	29 x 16 x 10,3		3	6,3	4

3



4



AK 01

LIGHTING TOGGLE SWITCH

- 1 circuit - 2 positions
- 12V



AKV 01

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 12V



AKV 02

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 12V



AKV 11

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 12V



AKV 12

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 12V



AK 11

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 14V



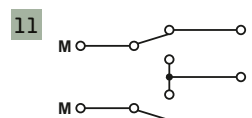
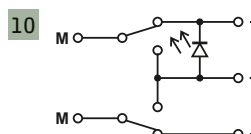
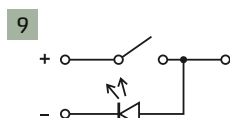
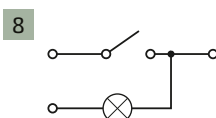
AK 12

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 14V



	max. load (V / A)	number of coupled circuits	button/rod/knob positions	size of switch (mm)	mounting size/ slot (YxZ or Ø)	mounting depth with mechanical lugs (mm)	number of mechanical lugs	width of mechanical lugs (mm)	type of light source	power supply of light source	switch connection
AK 01	12V / 20A	1	2 / rod	25 x 14	Ø12	28	3	6,3	bulb	12V	8
AKV 01	12V / 15A	1	2 / button	21 x 15	19 x 13	22,8	3	4,8	bulb	12V	8
AKV 02	12V / 15A	1	2 / button	21 x 15	19 x 13	22,8	3	4,8	bulb	12V	8
AKV 11	12V / 16A	1	2 / button	Ø23	Ø20	22,8	3	4,8	bulb	12V	8
AKV 12	12V / 16A	1	2 / button	Ø23	Ø20	22,8	3	4,8	bulb	12V	8
AK 11	14V / 20A	1	2 / button	Ø23	Ø20	23,5	3	4,8	red LED	12V	9
AK 12	14V / 20A	1	2 / button	Ø23	Ø20	23,5	3	4,8	green LED	12V	9



RINGER

TELEPHONE COMPLEMENT BELL

- **conspicuous sound and light signal**
- applicable for all the traditional telephone sets, **on traditional, analog networks**
- **adjustable volume**
- **sound signal can be switched off**
- connection cable included (~1,2 m)

(The light signal cannot be guaranteed, as it may depend on the service provider and modem.)



STP 1,5

STP PATCH CABLE

- CAT 8
- shielded RJ45 connectors
- **even up to 40 gigabit speed**
- retroactively compatible with CAT6A and CAT5e components
- 1,5 m



T 5-5/WH

TELEPHONE CONNECTION CABLE

- 6P/4C
- plug-plug
- white
- 5 m



TK 1/WH

TELEPHONE WIRE

- **also suitable for video intercoms**
- 4C x (7 x 0,12 mm), copper
- **4-wire**
- white
- **100 m/spool**



T 5-10/WH

- 10 m

TS 13

TELEPHONE PLUG

- 6P/4C (RJ 11)
- **crimpable type**



TS 51

MODULAR PLUG

- 8P/8C (RJ 45)
- **crimpable type**



TS 51PRO

THROUGH RJ45 PLUG

- **open** front side, 8P/8C (RJ 45)
- **faster work**, less errors, better contact
- can also be used with traditional press pliers



TS 52/WH

STRAIN RELIEF FOR RJ-45 PLUG

- 8P/8C
- protects the plug against damage and contamination
- prevents wire's deflection
- white



TT 1-1

EXTENDER FOR TELEPHONE WIRE

- 8P/8C
- **socket - socket**



TS 15/WH

EXTENDER FOR TELEPHONE WIRE

- 6P/4C
- **socket - socket**
- white



TS 16-2/WH

DISTRIBUTOR FOR TELEPHONE WIRE

- 6P/4C
- **1 x plug - 2 x sockets**
- white



TS 17-2

DISTRIBUTOR FOR TELEPHONE WIRE

- 6P/4C
- **1 x socket - 2 x sockets**
- white



VBC 200/BK

ACCUMULATOR CLIP 200 A

- insulated
- solderable
- max. 12 V~
- length: 150 mm
- black



VBC 200/RD

- red

VBC 100/BK

ACCUMULATOR CLIP 100 A

- insulated
- solderable
- max. 12 V~
- length: 110 mm
- black



VBC 100/RD

- red

VBC 7/BK

ACCUMULATOR CLIP 50 A

- insulated
- solderable
- max. 12 V~
- length: 100 mm
- black



VBC 7/RD

- red

VBC 30/BK

ACCUMULATOR CLIP 30 A

- insulated
- solderable
- max. 12 V~
- length: 75 mm
- black



VBC 30/RD

- red

ALC 4/BK

ALLIGATOR CLIP WITH BANANA TUBE

- insulated
- can be screwed
- length: 65 mm
- black



ALC 4/RD

- red

VCC 3/BK

CROCODILE CLIP

- fully insulated
- solderable
- length: 55 mm
- black

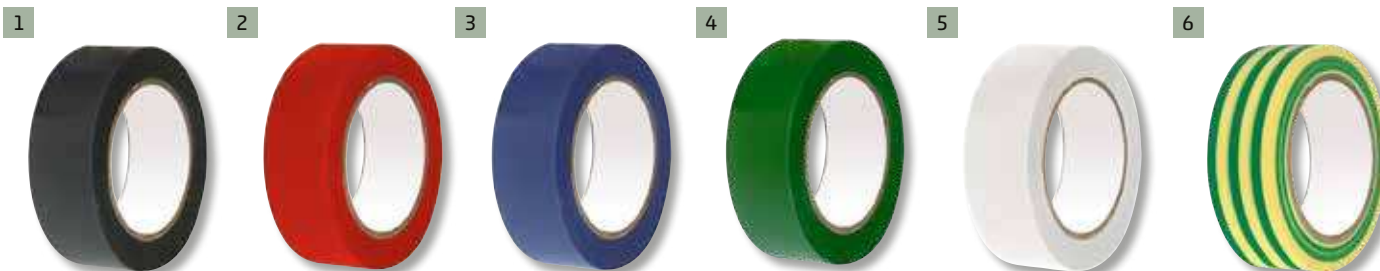


VCC 3/RD

- red

SS SERIES

INSULATION TAPE



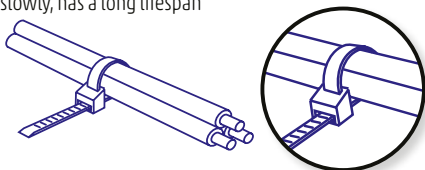
pic.	type	color	length	width	thickness
1	SS 110	black	10 m	19 mm	0,13 mm
5	SS 510	white	10 m	19 mm	0,13 mm
1	SS 120	black	20 m	19 mm	0,13 mm
2	SS 220	red	20 m	19 mm	0,13 mm

pic.	type	color	length	width	thickness
3	SS 320	blue	20 m	19 mm	0,13 mm
4	SS 420	green	20 m	19 mm	0,13 mm
5	SS 520	white	20 m	19 mm	0,13 mm
6	SS 920	green/yellow	20 m	19 mm	0,13 mm

CT

CABLE TIES

- transparent and black color
- the black version is for **outdoor use**, UV resistant
- **can't be released**
- **applicable: -35 - 85°C**
- resists acids, alkalis, UV radiation
- ages slowly, has a long lifespan



type	color	length (mm)	width (mm)	pcs / pack
CT 100/2,5	transparent	100	2,5	50
CT 150/3,5	transparent	150	3,5	50
CT 200/3,5	transparent	200	3,5	50
CT 250/4,8	transparent	250	4,8	25
CT 300/4,8	transparent	300	4,8	25
CT 400/4,8	transparent	400	4,8	25
CT 100/2,5/B	black	100	2,5	50
CT 150/3,5/B	black	150	3,5	50
CT 200/3,5/B	black	200	3,5	50
CT 250/4,8/B	black	250	4,8	25
CT 300/4,8/B	black	300	4,8	25
CT 400/4,8/B	black	400	4,8	25

CT SET

CABLE TIE SET

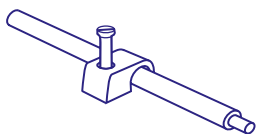
- **four different colors and sizes**
- 25 pcs red 3,6 x 250 mm,
- 25 pcs yellow 2,5 x 200 mm,
- 25 pcs green 2,0 x 150 mm,
- 25 pcs black 1,9 x 100 mm
- recommended for household use
- suitable for marking and fixing
- PA 6.6 nylon material



CHR

CABLE CLAMP WITH PIN

- for round wire



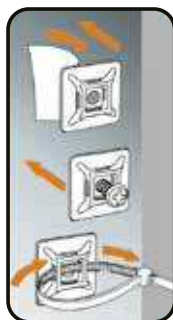
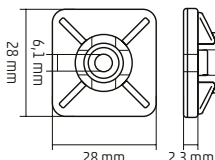
type	wire diameter	pcs / pack
CHR 5	5 mm	50
CHR 6	6 mm	50
CHR 7	7 mm	50
CHR 8	8 mm	50

CTT 28BK

CABLE TIE BASE

WITH THE HELP OF THE CABLE TIE PLACED IN THE CABLE TIE BASE, YOU CAN EASILY FIX THE LIGHT CHAINS TO DIFFERENT SURFACES

- **UV protected**, for both outdoor and indoor use
- can be laced from 4 sides
- material: **Nylon66**
- adhesive to surface, self-adhesive
- can be drilled



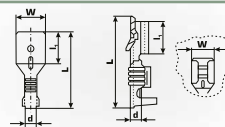
EVHSET

SLEEVES KIT

- **7 sizes**, insulated, **1200 pcs**
- mixed: **0.5-6.00 mm²**
- in a practical storage box
- recommended tool: EVH6



CABLE TERMINAL



KSD 2,8-0,5/Cu



KSD 4,8-0,5/Cu



KSD 6,3-0,8/Cu



KSH 2,8-0,5/Cu



KSH 4,8-0,5/Cu



KSH 6,3-0,5/Cu



KSH 2,8-0,5/Sn



KSH 4,8-0,5/Sn



KSH 6,3-0,5/Sn

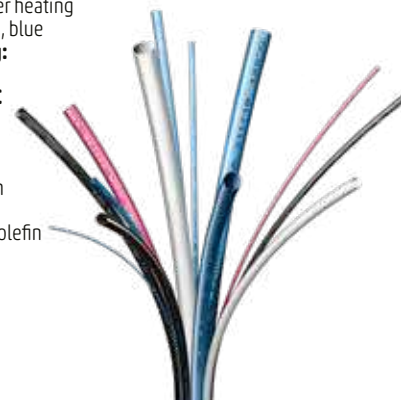


type	size (mm)	d (mm)	L (mm)	L ₁ (mm)	W (mm)	wire (mm²)	material
KSD 2,8-0,5/Cu	2,8 x 0,5	2,4	15	6,4	2,8	0,5-1	copper
KSD 4,8-0,5/Cu	4,8 x 0,5	3,1	17,5	6,7	4,8	0,5-1	copper
KSD 6,3-0,8/Cu	6,3 x 0,8	3,7	19,7	8,4	6,3	0,5-1	copper
KSH 2,8-0,5/Cu	2,8 x 0,5	3,1	13	6	3,8	0,5-1	copper
KSH 4,8-0,5/Cu	4,8 x 0,5	2,4	15	6,4	5,7	0,5-1	copper
KSH 6,3-0,5/Cu	6,3 x 0,5	3,1	19	7,7	7,6	0,5-1	copper
KSH 2,8-0,5/Sn	2,8 x 0,5	3,1	13	6	3,8	0,5-1	tinned copper
KSH 4,8-0,5/Sn	4,8 x 0,5	2,4	15	6,4	5,7	0,5-1	tinned copper
KSH 6,3-0,5/Sn	6,3 x 0,5	3,1	19	7,7	7,6	0,5-1	tinned copper

HEAT SHRINKABLE TUBE

SHRINK TUBE

- diameter will reduce by half under heating
- color variations: white, black, red, blue
- **temperature range of shrinking: 125°C (90 - 125°C)**
- **usability: between -55 - 125 °C**
- tension strength: ≥ 12 Mpa
- tensile elongation ≥ 200 %
- change of length: ≤ 5 %
- breakdown strength: ≥ 20 kV/mm
- fire resistance: upon VW-1
- material: UV radiation proof polyolefin
- pack: 1 m



type	original diameter	shrunk diameter	color
DRS 2-1/BK	2 mm	1 mm	black
DRS 4-2/BK	4 mm	2 mm	black
DRS 4-2/RD	4 mm	2 mm	red
DRS 4-2/WH	4 mm	2 mm	white
DRS 6-3/BK	6 mm	3 mm	black
DRS 6-3/RD	6 mm	3 mm	red
DRS 6-3/WH	6 mm	3 mm	white
DRS 10-5/BK	10 mm	5 mm	black
DRS 15-7.5/BK	15 mm	7,5 mm	black
DRS 20-10/BK	20 mm	10 mm	black

ADHESIVE TAPE



pic.	type	designation, characteristics	width	width
1	RS 50	Silver color, textile reinforced adhesive tape for universal application, extremely high breaking strength, very good adhesive properties	50 mm	50 m
1	RS 50/10	Silver color, textile reinforced adhesive tape for universal application, extremely high breaking strength, very good adhesive properties	50 mm	10 m
2	RSA 50/10	Pure aluminium, 30 microns thick, self-adhesive paper layer at the backside, durable acrylic adhesive layer, UV resistant, excellent adhesion even at high conductivity, reflects heat, ideal to extension mechanical insulation materials without a thermal bridge, duct insulation, shielding, heat dissipation..., masking against mild acids and alkalis, for outdoor and indoor use	50 mm	10 m
3	RS 52/10	Double sided adhesive tape, very strong adhesion	50 mm	10 m

TE01411

PRECISION CONTACT CLEANER SPRAY, 300 ml

Cleaner for highly sensitive electric components, telecommunication devices, laboratory and industrial devices. It dries without residues.



TE01409

CONTACT CLEANER SPRAY, 300 ml

For the cleaning of heavily soiled equipment.



TE01410

CONTACT CLEANER AND LUBRICATING SPRAY, 300 ml

For the cleaning of heavily soiled equipment. Also provides lubrication.



TE02094

CONTACT CLEANER AEROSOL, 300 ml

Removes grease, oil, wax and other contaminants, thereby promoting proper electrical contact.



TK 460/200

CONTACT CLEANER SPRAY, 200 ml

Chemically active oleaginous agent for the oxide decontamination of electric devices and conductivity restoration.



TE00710

BRAKE CLEANER AEROSOL, 500 ml

Extremely effective for cleaning disc and drum brakes, dynamos, generators, clutch discs.



TE01684

AIR SPRAY, 300 ml

Suitable to remove dust from hard-to-reach areas of different electronic equipment, devices, e.g. power supply of computers, keyboards, panels and audio-video devices, also appropriate at cleansing where other tool is not advisable.



TE00318

SILICONE SPRAY, 300 ml

Appropriate for care and preservation and color-refreshing of plastic, leatherettes and rubber surfaces. Surfaces will be bright, less cracked and delays the process of ageing. Suitable for lubricating moving parts.



W340-250

SILICONE SPRAY, 250 ml

Commonly used in industry and automotive industry for renewal, maintenance and conservation.



W330-250

MECHANIC GREASE, 250 ml

Food grade lubricating grease, heat resistant up to 160°C. It is excellent against corrosion and for lubrication of bearings, sliding cords, mechanical structures and hinges.



TE02298

DRY STAIN REMOVER AEROSOL, 200 ml

Excellent for quickly removing grease or oil stains from textiles and paper without water.



TE02299

GLUE AND STICKER REMOVER AEROSOL, 200 ml

It allows you to quickly and easily remove paper and plastic-based stickers, labels, stencil glue, adhesive tape and other adhesive residues.



TE01712

AIR CONDITIONER CLEANSING AEROSOL, 150 ml

Due to special ingredients ideal for odor removal which deposit in the air conditioner's tubes and cause unpleasant smell, providing fresh air in the cabin.



TE01999

AIR CONDITIONER CLEANER AEROSOL FOAM, 400 ml

- for building- and car air-conditioners
- Ø5x600 mm inlet pipe included
- thanks to the special ingredients of the product, it removes dirt and biofilm that can settle in the air conditioner ducts



TE01814

ICE SOLVENT, SPRAY GUN, 500 ml

The use of the product is recommended for deicing of vehicles, windows, frozen locks, hand brakes. The melt can be easily removed from the glass surface with a soft cloth or the windshield wiper.



TE02646

DE-ICE AEROSOL, 600 ml

Larger, more economical packaging, 600 ml aerosol bottle. Can be used down to -40 degrees Celsius. Ideal for larger vehicles, e.g. trucks, buses.



TE01431

ICE SOLVENT WITH SCRAPER HEAD, 400 ml

Using the scraper head you can be significantly accelerate the melting of the ice sheet. The propellant, due to its special composition, can be used effectively and can be emptied even in extreme cold weather.



TE00706

LOCK LUBRICANT ICE SOLVENT, 50 ml

Through its special nozzle the active ingredients of the aerosol can easily get into the lock. The lock lubricant ice solvent can also be used in summer for greasable locks, it gives excellent lubrication and corrosion protection.









SOMOGYI ELEKTRONIC®
— since 1981 —

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