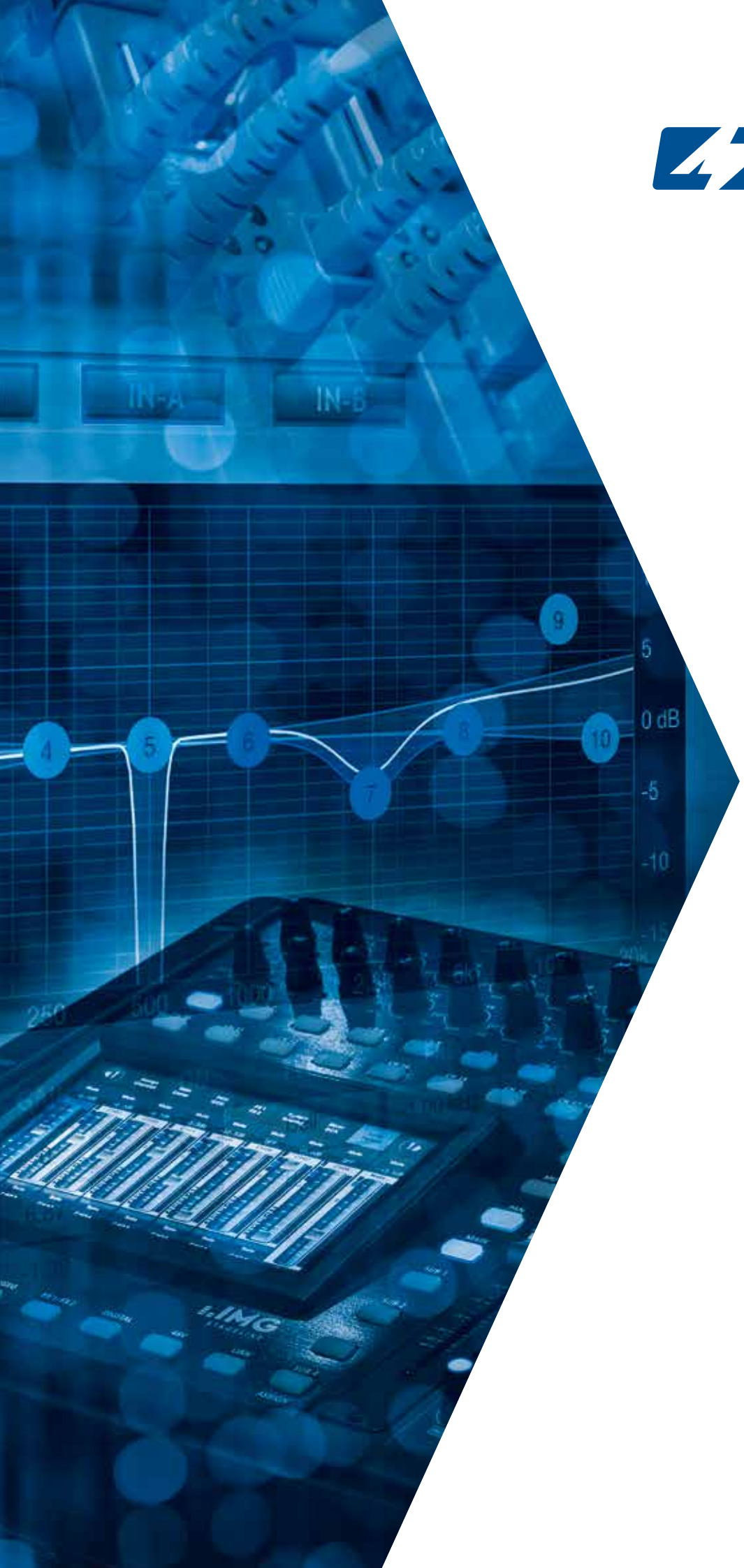


MONACOR® INTERNATIONAL

TOUCH THE WORLD NEWS

1/2017

Stage and Event Technology

PA Technology

Security Technology

Components

en

DJP-106BT

Order No. 21.4070

Stereo hi-fi turntable with Bluetooth and integrated phono preamplifier

- Bluetooth for wireless connection of Bluetooth-enabled active speakers, amplifiers or headphones
- Stereo line output via RCA cable
- Adjustable headphone output
- Belt drive
- Magnet system
- 2 speeds
- Metal pick-up arm and plastic turntable platter with rubber mat
- Smoked acrylic glass cover, removable

Model	DJP-106BT
Turntable platter	Ø 298 mm, plastic
Speeds	33⅓/45 rpm
Starting torque	0.3 kg/cm
Wow and flutter	< 0.25%
Power supply	via encl. power supply
Admiss. ambient temp.	0-40 °C
Dimensions	420 x 115 x 360 mm
Weight	2.38 kg
Outputs	1 x RCA cable L/R, 1 x 3.5 mm jack

DRUMSET-1

Order No. 23.1390

7-piece drum microphone set, consisting of a dynamic bass drum microphone, four dynamic snare drum/tom-tom microphones and two overhead condenser microphones.

- Optimised for sound pickup of drums
- Short body microphones
- Including microphone holder with 16 mm (⅝") stand thread and 9 mm (⅜") adapter screw for every microphone
- Additional clamps for the snare drum/tom-tom microphones
- Supplied in a practical plastic case

Model	DRUMSET-1
Polar pattern	bi-directional (bass drum) supercardioid (snare drum/tom-tom) cardioid (overhead)
System	dynamic (bass drum) dynamic (snare drum/tom-tom) electret (overhead)
Audio frequency range	50-10,000 Hz (bass drum) 50-15,000 Hz (snare drum/tom-tom) 50-15,000 Hz (overhead)
Nominal impedance	200 Ω
Sensitivity	1.6 mV/Pa (bass drum) 2.5 mV/Pa (snare drum/tom-tom) 5.6 mV/Pa (overhead)
S/N ratio	66 dB
Maximum sound pressure	158 dB (bass drum) 157 dB (snare drum/tom-tom) 161 dB (overhead)
Power supply	⎓ 48 V, phantom power (overhead)
Admiss. ambient temp.	0-40 °C
Dimensions	Ø 50 mm x 113 mm (bass drum) Ø 40 mm x 93 mm (snare drum/tom-tom) Ø 22 mm x 90 mm (overhead) 430 x 135 x 320 mm (set)
Weight	1.5 kg
Connection	XLR, bal.

DM-1500

Order No. 23.6750

Dynamic microphone, for general applications.

- Cardioid polar pattern
- High-gloss aluminium version, black chromium-plated
- On/off switch

Model	DM-1500
Polar pattern	cardioid
System	dynamic
Audio frequency range	80-12,000 Hz
Nominal impedance	600 Ω
Sensitivity	1.8 mV/Pa
Maximum sound pressure	140 dB
Material (housing/cabinet)	aluminium
Admiss. ambient temp.	0-40 °C
Dimensions	Ø 45 mm x 165 mm
Weight	274 g
Cable	3 m, low-noise, 6.3 mm plug
Connection	XLR, bal.

Full specifications can be found on our website www.monacor-international.de.

C-RAY/310

The new one among our column speaker systems. This active 2-way column PA system consists of a 25 cm (10") subwoofer with built-in class D power amplifier and a satellite with 6 x 7.6 cm (3") full range speakers.
Extensive connection facilities like XLR, jack and RCA perfectly meet all requirements. The supplied M20 spacer tube and the cable with SPEAKER connectors complete the column speaker system C-RAY/310.

C-RAY/310

Order No. 25.8030

2 Wege Ways NEW

Active column PA speaker system, 350 W

- 25 cm (10") bass speaker, 6 x 7.6 cm (3") full range speaker
- 2-channel class D amplifier system
- MDF cabinet

Model	C-RAY/310
Frequency range	38-20,000 Hz
Amplifier power	350 W sub: 250 W sat: 100 W
Max. power	700 W
THD	< 0.1%
Sensitivity	95 dB/W/m
Admiss. ambient temp.	0-40 °C
Power supply	~ 230 V/50 Hz/600 VA
Dimensions	340 x 395 x 500 mm (sub)
Weight	20.7 kg
Inputs	1 x comb. XLR/6.3 mm (line, L/R) 1 x RCA (aux, L/R)
Outputs	SPEAKER, bal.

Class D Amplifier Technology with DSP

are features of this high-performance 2.1 PA system. The subwoofer provides a powerful bass reproduction and can be adjusted to match acoustic conditions and required polar pattern using 5 presets. The satellites which provide a powerful sound have ideally been matched. When handling the system, great emphasis was placed on an easy operation. The presets can be selected during operation and the user gains immediate control of the self-adjusting bass reproduction. The satellites feature a locking mechanism for securing them on top of the subwoofer cabinet during transport.

TRITON-550

Order No. 25.8070

1000 W MAX DSP CONTROLLED 3 Wege Ways NEW

Compact high-performance active PA system, 600 W

- Subwoofer/satellite system with class D amplifier and DSP
- Cabinet made of MDF/plywood
- 38 cm (15") subwoofer of long excursion
- 2 x 20 cm (8") satellite speaker and tweeter (1")
- 5 presets for adjusting the bass reproduction
- Adjustable crossover frequency
- Stereo/mono selector switch
- Comb. jack, XLR inputs and outputs
- Satellite connection via SPEAKER jacks
- Locking mechanism for securing satellites on top of the subwoofer cabinet during transport
- Supplied w/o stands and connection cables

Model	TRITON-550
Amplifier power	400 W (sub), 2 x 100 W (sat)
Max. power	700 W (sub), 2 x 150 W (sat)
Sensitivity	97 dB/W/m
Admiss. ambient temp.	0-40 °C
Power supply	~ 230 V/50 Hz/910 VA
Dimensions	470 x 520 x 570 mm (sub)
Weight	32 kg
Inputs	comb. jack, XLR L/R
Outputs	XLR, SPEAKER

SUB-18AK

Order No. 25.8060

18 | 800 W MAX | NEW

Active PA subwoofer, 400 W

- High-power bass-reflex system with analogue power amplifier
- 45 cm (18") subwoofer
- XLR inputs and parallel outputs L/R
- XLR output L/R with high-pass filter 120 Hz
- Adjustable crossover frequency: 60-260 Hz and SUB level
- Phase reversal switch: 180°
- Cabinet made of multilayer plywood, acrylic lacquer
- M20 mounting plate for spacer tube

Model	SUB-18AK
Frequency range	25-260 Hz
Amplifier power	400 W
Max. power	800 W
THD	0.076%@5 W/8 Ω
S/N ratio	> 78 dB
Sensitivity	97 dB/W/m
Admiss. ambient temp.	0-40 °C
Power supply	~ 230 V/50 Hz/700 VA
Dimensions	500 x 595 x 640 mm
Weight	37 kg
Inputs	XLR, bal.
Outputs	XLR, bal.

SUB-15AK

Order No. 25.8050

15 | 700 W MAX | NEW

Active PA subwoofer, 350 W

- High-power bass-reflex system with analogue power amplifier
- 38 cm (15") subwoofer
- XLR inputs and parallel outputs L/R
- XLR output L/R with high-pass filter 120 Hz
- Adjustable crossover frequency: 60-260 Hz and SUB level
- Phase reversal switch: 180°
- Cabinet made of multilayer plywood, acrylic lacquer
- M20 mounting plate for spacer tube

Model	SUB-15AK
Frequency range	30-260 Hz
Amplifier power	350 W
Max. power	700 W
THD	0.087%@5 W/8 Ω
S/N ratio	> 77 dB
Sensitivity	97 dB/W/m
Admiss. ambient temp.	0-40 °C
Power supply	~ 230 V/50 Hz/650 VA
Dimensions	435 x 535 x 550 mm
Weight	30 kg
Inputs	XLR, bal.
Outputs	XLR, bal.

SUB-12AK

Order No. 25.8040

12 | 600 W MAX | NEW

Active PA subwoofer, 300 W

- High-power bass-reflex system with analogue power amplifier
- 30 cm (12") subwoofer
- XLR inputs and parallel outputs L/R
- XLR output L/R with high-pass filter 120 Hz
- Adjustable crossover frequency: 60-260 Hz and SUB level
- Phase reversal switch: 180°
- Cabinet made of multilayer plywood, acrylic lacquer
- M20 mounting plate for spacer tube

Model	SUB-12AK
Frequency range	35-260 Hz
Amplifier power	300 W
Max. power	600 W
THD	0.208%@5 W/8 Ω
S/N ratio	> 64 dB
Sensitivity	96 dB/W/m
Admiss. ambient temp.	0-40 °C
Power supply	~ 230 V/50 Hz/600 VA
Dimensions	400 x 475 x 480 mm
Weight	26 kg
Inputs	XLR, bal.
Outputs	XLR, bal.

Full specifications can be found on our website www.monacor-international.de.

TWIST-150LED

Order No. 38.7970

LED 150W LED NEW

LED beam moving head

- White LED, 150 W (beam angle: 6°)
- Controllable via 16, 14, 12 or 10 DMX channels, selectable
- Operating modes: DMX, music-controlled, automatic and master/slave
- Horizontal and vertical resolution: 8/16 bit each
- Rotation angle: 540° horizontal, 270° vertical
- Luminous intensity: 32,000 lx @ 1 m, 14,020 lx @ 5 m
- Colour wheel with 7 colours plus white, rotating colour wheel (rainbow effect)
- Static gobo wheel with 8 gobos plus spot, variable adjustment of rotational speed
- Rotating gobo wheel with 6 gobos plus spot, variable adjustment of rotational speed, gobo shaking
- 8-facet prism, variable adjustment of rotational speed
- Strobe effects with variable speed (1-25 flashes/second)
- Electronic dimmer function (0-100%)
- Control panel with colour LCD for addressing and preadjustments
- Temperature protection function
- Long life with a low power consumption
- Power supply: ~ 230 V/50 Hz/215 VA
- Dimensions: 28 x 38 x 27.5 cm
- Weight: 10.6 kg

MR-150LED

Order No. 25.7830

NEW

Flight case, for transporting 2 LED beam moving heads TWIST-150LED and accessories.

- Multilayer multiplex wood, black, plastic-laminated
- Aluminium profile edges
- Chromium-plated ball protection corners, reinforcing angles
- Butterfly locks, folding recessed handles
- Foam-padded interior
- 4 castors, 2 of which are provided with a brake
- Dimensions: 740 x 385 x 660 mm
- Weight: 20.5 kg

Supplied w/o devices.

TWIST-60LED

Order No. 38.8020

LED 60W LED CREE NEW

Compact LED moving head

- White CREE LED, 60 W
- Controllable via 15 or 10 DMX channels, selectable
- Operating modes: DMX, music-controlled, automatic and master/slave
- Horizontal and vertical resolution: 65,535 steps each (16 bits)
- Rotation angle: 540° horizontal, 270° vertical
- Colour wheel with 7 colours plus white, rotating colour wheel (rainbow effect)
- Gobo wheel with 5 gobos plus spot, variable adjustment of rotational speed
- Gobo shaking
- Strobe effects with variable speed (1-25 flashes/second)
- Electronic dimmer function (0-100%)
- Prism effect, electronic adjustment of prism rotation speed via DMX
- Electronic focus adjustment via DMX
- Beam angle: 13°
- Control panel with LCD for addressing and preadjustments
- Power supply: ~ 230 V/50 Hz/220 VA
- Dimensions: 20 x 33.5 x 15 cm
- Weight: 4.5 kg

TWIST-30LED

Order No. 38.8010

LED 30 W LED NEW

Compact LED moving head

- White LED, 30 W
- Controllable via 10 or 15 DMX channels, selectable
- Operating modes: DMX, music-controlled, automatic and master/slave
- Horizontal and vertical resolution: 65,535 steps each (16 bits)
- Rotation angle: 540° horizontal, 270° vertical
- Colour wheel with 7 colours plus white, rotating colour wheel (rainbow effect)
- Gobo wheel with 7 gobos plus spot, variable adjustment of rotational speed
- Gobo shaking
- Strobe effects with variable speed (1-25 flashes/second)
- Electronic dimmer function (0-100%)
- Manual focus adjustment
- Beam angle: 13°
- Control panel with LED display for addressing and preadjustments
- Power supply: ~ 230 V/50 Hz/70 VA
- Dimensions: 17 x 27 x 15 cm
- Weight: 2.5 kg

MINICUBE-60

Order No. 38.7980

LED 10 W LED NEW

Compact LED beam moving head, with additional 12 RGB LED strips.

- 6 super-bright 4-in-1 OSRAM RGBW LEDs (beam angle: 10°)
- Rotation angle: 560° pan, ∞° tilt
- Controllable via 69, 27, 23 or 8 DMX channels, selectable
- Operating modes: DMX, music-controlled, automatic and master/slave
- Music-controlled via integrated microphone
- Horizontal and vertical resolution: 8/16 bit each
- Automatic position correction
- Control panel with LCD for addressing and preadjustments
- Fan cooling
- POWERCON mains connection and POWERCON parallel output
- Matching flight cases for 2 or up to 4 devices are available at option
- Power supply: ~ 230 V/50 Hz/175 VA
- Dimensions: 27 x 35 x 20 cm
- Weight: 6 kg

Lighting effects with several devices.

Full specifications can be found on our website www.monacor-international.de.

STROBE-324LED

Order No. 38.7990

LED stroboscope, in an aluminium housing.

- 324 white SMD 5730 LEDs (beam angle: 120°) for highest luminous efficiency
- Controllable via 12, 10, 8, 4, 2 or 1 DMX channels, selectable
- Music-controlled via integrated microphone
- Master/slave mode with automatic run of programs
- Strobe effects with variable speed (1-30 flashes/second)
- Electronic dimmer function (0-100%)
- Special effects and pixel macros
- Control panel with LED display for addressing and preadjustments
- Long life with low power consumption
- Fanless cooling concept
- Also suitable as a standing device due to 2 movable mounting brackets
- Power supply: ~ 120-230 V/50-60 Hz/150 VA
- Dimensions: 265 x 305 x 85 mm
- Weight: 3.2 kg

FM-2000

Order No. 38.8040

Fog machine, DMX-compatible.

- Heating power: 1,840 W
- Electronic control
- Removable tank, level indication
- Timer function with adjustable interval
- Adjustable fog output quantity
- Continuous or manual activation
- Activation/control via supplied cable-connected remote control or integrated DMX interface
- Metal housing with pivoting mounting bracket
- Matching fog liquids: NF-502L and NF-502SL
- Fog scents are available as accessories

Model	FM-2000
Heating power	1,840 W
Heating-up time	< 4 minutes
Tank size	1.8 l
Fog output	approx. 1,000 m³/min.
Power supply	~ 230 V/50 Hz/1,900 VA
Dimensions	310 x 190 x 490 mm
Weight	7.6 kg

FM-600H

Order No. 38.8030

Hazer, DMX-compatible.

Provides a very fine, translucent haze, for a perfect performance of light effect units, subtle use in the background without nebulising the room.

- Heating power: 680 W
- Adjustable outlet for a perfect haze distribution
- Low fog liquid consumption: 10 ml/minute
- Removable tank, level indication
- Timer function with adjustable interval
- Adjustable fog output quantity
- Control panel with LCD for addressing and preadjustments
- Metal housing with carrying handle and mounting bracket
- 3-pole and 5-pole DMX connections
- Operation with standard fog liquids NF-502L or NF-502SL

Model	FM-600H
Heating power	680 W
Heating-up time	< 4 minutes
Tank size	2 l
Power supply	~ 230 V/50 Hz/750 VA
Dimensions	300 x 280 x 460 mm
Weight	10.2 kg

The wall speaker WALL-05DT perfectly meets every requirement. It is not just a DSP module but also features an integrated 2-channel Dante™ module. This Dante™ speaker is particularly suitable for commercial applications in the professional sector. It can be used for applications where several audio channels have to be transmitted over great distances and to different areas or locations. The fields of application include schools, office buildings, fitness centres, shops and restaurants.
Compared to analogue transmission, digital transmission provides several benefits. The cable quality is not required to be as high as with analogue transmissions and even with greater distances, the signal features a comparably low susceptibility to interference. Compared with other Audio over Ethernet applications, e.g. CobraNet or EtherSound, Dante™ can support gigabit applications with several channels, features a lower latency and automatic configuration.
The power for WALL-05DT is supplied via PoE (Power over Ethernet) or via a 12 V power supply which is available at option. Furthermore, the integrated DSP module can be controlled via app which provides the most important functions like master volume control and controls for treble, midrange and bass.

WALL-05DT

Order No. 13.2390

2 Wege Ways | App | Dante™ | NEW

Active speaker with integrated Dante™ module

- DSP-controlled 20 W amplifier
- 2-way system
- 13 cm (5¼") bass speaker and 13 mm (½") tweeter
- Function control via app
- Pivoting and tilting mounting bracket
- Power supply via PoE (Power over Ethernet) or 12 V power supply, available at option

Model	WALL-05DT
Frequency range	62-20,000 Hz
Amplifier power	20 W
Sensitivity	89 dB/W/m
Admiss. ambient temp.	0-40 °C
Power supply	PoE or 12 V power supply (not supplied)
Dimensions	163 x 252 x 165 mm
Weight	1.95 kg
Inputs	1 x RJ45 (Dante™ in)
Outputs	1 x RJ45 (feed-through output)

PA-900DT

Order No. 17.6080

482 mm 19" | 100V | 4Ω | Dante™ | NEW

Mono PA mixing amplifier with integrated Dante™ module

- 1 x 120 W
- Silent operation due to fanless cooling concept
- 3 balanced mic/line inputs
- Dante™ input
- Mic 1 with priority circuit and automatic talkover
- Additional connection for desktop microphone via screw terminal
- 1 aux input
- Speaker outputs via screw terminals
- Line output
- Insert facility, e.g. for effect units, equalizers, feedback controllers
- Input and output level controls
- 2-way tone control for the output
- 20 V phantom power for each microphone input, can be selected individually
- Mains operation or 24 V emergency power operation
- Removable mounting brackets

Model	PA-900DT
Channels	5
Zones	1
Power rating	120 W
Power rating at 4 Ω	120 W
Power rating at 100 V	120 W
Peak music power output (P_{MAX})	160 W
Inputs	3 mV (mic), 200 mV (line), 140 mV (aux)
Frequency range	50-15,000 Hz, ± 3 dB
Equalizer bass	± 10 dB/100 Hz
Equalizer treble	± 10 dB/10 kHz
S/N ratio	> 80 dB
THD	< 0.5%
Power supply	~ 230 V/50 Hz/300 VA, ⎓ 24 V/9 A
Admiss. ambient temp.	0-40 °C
Dimensions	482 x 88 x 275 mm, 2 RS
Weight	9.9 kg
Connections	3 x XLR (mic/line), 1 x RCA L/R (aux), 1 x RJ45 (Dante™), screw terminals (speakers)

Full specifications can be found on our website www.monacor-international.de.

AKB-160DT

Order No. 17.6070

100V Dante™ NEW

PA amplifier module with integrated Dante™ module

- 1 x 40 W
- 100 V output
- Silent operation due to fanless cooling concept
- Dante™ input
- Speaker output via spring-loaded terminals
- Metal housing with mounting brackets

Model	AKB-160DT
Power rating	40 W
Power rating at 100 V	40 W
Peak music power output (P_{MAX})	60 W
Inputs	network
Frequency range	17-20,000 Hz
S/N ratio	> 80 dB
THD	< 1%
Power supply	~ 230 V/50 Hz/75 VA
Admiss. ambient temp.	0-40 °C
Dimensions	213 x 55 x 238 mm
Weight	3.2 kg
Connections	1 x RJ45 (Dante™)

DSM-48DT

Order No. 25.7790

482 mm 19" USB LAN App Dante™ NEW

Digital speaker management system, with Dante™ module.

- 4 analogue inputs and 8 analogue outputs (XLR, balanced)
- AES/EBU digital input, stereo
- 2 Dante™ channels
- 64-bit DSP, sampling rate: 96 kHz
- Dynamic range: > 118 dB
- Latency: 0.64 ms
- Routing via fader for user-defined routing of the inputs to the outputs
- Audio transmission over Ethernet via Dante™ protocol
- Graphical user interface, PC editing software (devices will be identified automatically)
- 80 user presets can be stored
- Remote control via USB or TCP/IP LAN
- Dot matrix display with 2 x 16 characters
- VU meter with 4 LEDs for each channel, level display and peak
- 482 mm (19") rack installation, 1 RS

Input (data for each channel)

- Gain control: -48 dB to +12 dB
- 10 parametric equalizers with 8 types of filters each
- 2 crossover networks with Butterworth, Linkwitz-Riley and Bessel filters as well as individually created types of filters from 6 to 24 dB/oct
- Delay to be switched between time (ms) and distance (m): 2,000 ms max. in steps of 10 µsec or 686 m max. in steps of 3.4 mm
- Limiter, threshold: from -48 dBu to +24 dBu
- Compressor, release time: 10 dB/s to 100 dB/s
- Mute

Output (data for each channel)

- Gain control: -48 dB to +12 dB
- 10 parametric equalizers with 8 types of filters each
- 2 crossover networks with Butterworth, Linkwitz-Riley and Bessel filters as well as individually created types of filters from 6 to 24 dB/oct
- Delay to be switched between time (ms) and distance (m): 2,000 ms max. in steps of 10 µsec or 686 m max. in steps of 3.4 mm
- Limiter, threshold: from -48 dBu to +24 dBu
- Compressor, release time: 10 dB/s to 100 dB/s
- Mute
- Routing mix for level adjustments via routing fader
- Selectable phase (invert, 180°)

Model	DSM-48DT
Frequency range	10-40,000 Hz
Input signal	11 V max.
Output signal	4 V max.
S/N ratio	> 110 dB
THD	< 0.005%
Admiss. ambient temp.	0-40 °C
Power supply	~ 230 V/50 Hz/15 VA
Dimensions	482 x 44 x 185 mm, 1 RS
Weight	2.3 kg
Inputs	4 x XLR, bal. 1 x AES/EBU, stereo 1 x RJ45 (LAN)
Outputs	8 x XLR, bal.

DTRA-2

Order No. 25.7880

Dante™ I/O box, for converting Dante™ streams into analogue audio signals.

- 1 x Dante™ input (EtherCon/RJ45)
- 1 x aux input (3.5 mm stereo jack)
- 2 x audio output (XLR, bal.)
- 1 x monitor output (3.5 mm stereo jack)
- Output adjustable via recessed potentiometer (0-15 dBu)
- Individually switchable noise generator for the outputs
- Encoding/decoding: 16/24/32 bits
- Sample rates: 48/88.2/96 kHz
- Frequency range: 20-20,000 Hz
- LED indication for level control, PoE, external power supply and link
- Metal housing
- Power is provided via PoE or optional power supply
- Dimensions: 81 x 45 x 153 mm
- Weight: 400 g

DTTA-2

Order No. 25.7890

Dante™ I/O box, for converting analogue audio signals into Dante™ streams.

- 2 x microphone/line input (XLR, bal.)
- 1 x aux input (3.5 mm stereo jack)
- 1 x Dante™ output (EtherCon/RJ45)
- 1 x monitor output (3.5 mm stereo jack)
- Gain adjustable via recessed potentiometer (0-60 dB)
- Individually switchable 12 V phantom power for the inputs
- Encoding/decoding: 16/24/32 bits
- Sample rates: 48/88.2/96 kHz
- Frequency range: 20-20,000 Hz
- LED indication for level control, PoE, external power supply and link
- Metal housing
- Power is provided via PoE or optional power supply
- Dimensions: 81 x 45 x 153 mm
- Weight: 400 g

RTX-1

Order No. 25.7810

Bluetooth audio transmitter/receiver

- Switchable between transmitting mode and receiving mode:
  - Use as a transmitter for music reproduction with Bluetooth-enabled end devices, e.g. headphones or speakers
  - Use as a receiver for reception of audio signals via Bluetooth and subsequent transmission via connection jacks, e.g. to a stereo system
- LED status indicator
- Stereo jacks and RCA jacks
- Supplied with connection cable and USB power supply

Model	RTX-1
Bluetooth	Bluteooth V2.1, class 2 (Rx) class 1 (Tx)
Operating range	10 m (Rx), 30 m (Tx)
Profiles	A2DP, AVRCP
Power supply	via encl. power supply
Dimensions	110 x 25 x 61 mm
Weight	104 g
Connections	1 x 3.5 mm stereo jack (line out), 1 x 3.5 mm stereo jack (line in), 1 x RCA L/R (line out), 1 x RCA L/R (line in), 1 x micro USB (power supply)

Full specifications can be found on our website www.monacor-international.de.

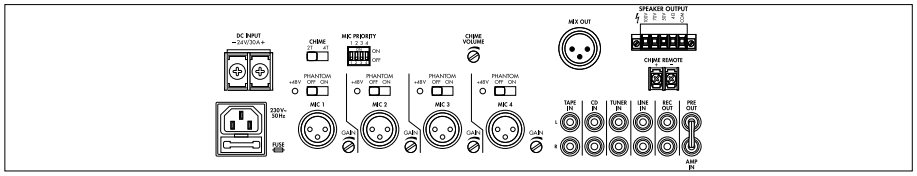
PA-948

Order No. 17.5070

482 mm 19" | 100V | 4Ω | 8Ω | 16Ω | NEW

Mono PA mixing amplifier

- 1 x 480 W
- 4 balanced microphone inputs with selectable priority
- 4 line inputs
- Speaker outputs via screw terminals
- Balanced line output
- Record output
- Insert facility, e.g. for effect units, equalizers, feedback controllers
- 2-tone or 4-tone chime, can be activated externally
- Input level control and output level control
- 2-way tone control for the output
- Switchable 48 V phantom power for microphone inputs
- Temperature-controlled fan
- Mains operation or 24 V emergency power operation
- Removable mounting brackets



Model	PA-948
Power rating	480 W
Peak music power output (P_{MAX})	680 W
Inputs	2.5-100 mV (mic), 350 mV (line)
Frequency range	50-16,000 Hz, ± 3 dB
Equalizer bass	± 10 dB/100 Hz
Equalizer treble	± 10 dB/10 kHz
S/N ratio	> 75 dB
THD	< 0.1%
Power supply	~ 230 V/50 Hz/1,090 VA, ⎓ 24 V/27 A
Admiss. ambient temp.	0-40 °C
Dimensions	482 x 137 x 395 mm, 3 RS
Weight	22.6 kg
Connections	4 x XLR (mic), 4 x RCA L/R (line), 1 x XLR (line out), 1 x RCA L/R (line out), screw terminals (speakers)

PA-924

Order No. 17.5060

482 mm 19" | 100V | 4Ω | 8Ω | 16Ω | NEW

Mono PA mixing amplifier

- 1 x 240 W
- 4 balanced microphone inputs with selectable priority
- 4 line inputs
- Speaker outputs via screw terminals
- Balanced line output
- Record output
- Insert facility, e.g. for effect units, equalizers, feedback controllers
- 2-tone or 4-tone chime, can be activated externally
- Input level control and output level control
- 2-way tone control for the output
- Switchable 48 V phantom power for microphone inputs
- Temperature-controlled fan
- Mains operation or 24 V emergency power operation
- Removable mounting brackets

Model	PA-924
Power rating	240 W
Peak music power output (P_{MAX})	340 W
Inputs	2.5-100 mV (mic), 350 mV (line)
Frequency range	50-16,000 Hz, ± 3 dB
Equalizer bass	± 10 dB/100 Hz
Equalizer treble	± 10 dB/10 kHz
S/N ratio	> 75 dB
THD	< 0.1%
Power supply	~ 230 V/50 Hz/640 VA, ⎓ 24 V/18 A
Admiss. ambient temp.	0-40 °C
Dimensions	482 x 95 x 390 mm, 2 RS
Weight	13 kg
Connections	4 x XLR (mic), 4 x RCA L/R (line), 1 x XLR (line out), 1 x RCA L/R (line out), screw terminals (speakers)

PA-160

Order No. 17.5050

482 mm 19" | 100V | 4Ω | NEW

Mono PA mixing amplifier

- 1 x 60 W
- Silent operation due to fanless cooling concept
- 3 inputs via comb. jacks XLR/6.3 mm jack (mic/line)
- Continuously adjustable input sensitivities
- Input 1 and 2 with selectable priorities
- Speaker outputs via screw terminals
- Connection for external mute switch
- Phantom power, can be switched for each input
- 2-way tone control for the output
- LED indication for level, clip and protect
- Recessed operating controls on the front panel to prevent unintentional readjustment
- 482 mm (19") rack installation with supplied mounting brackets
- Mains operation or 24 V emergency power operation

Model	PA-160
Power rating at 4 Ω	1 x 60 W
Power rating at 100 V	1 x 60 W
Inputs	1.5-320 mV
Frequency range	80-16,000 Hz
Equalizer bass	± 12 dB/100 Hz
Equalizer treble	± 12 dB/10 kHz
S/N ratio	> 66 dB
THD	< 0.1%
Power supply	~ 230 V/50 Hz/120 VA, ⎓ 24 V/3 A
Admiss. ambient temp.	0-40 °C
Dimensions	430 x 88 x 225 mm, 2 RS
Weight	4.26 kg
Connections	3 x XLR/6.3 mm jack (mic/line) screw terminals (speakers)

PA-1200RDSU

Order No. 17.5030

RDS | USB | MP3 | NEW

FM/AM RDS tuner insertion with USB interface, for PA mixing amplifiers with insertion compartment.

- RDS function for FM
- 24 station presets (FM: 3 x 6, AM: 1 x 6)
- Station scanning
- USB storage media can be connected directly
- Reproduction of MP3 files and WMA files
- Display of file name
- Easy folder navigation
- Alphanumerical LCD
- Automatic restart after power failure
- Memory for settings and operating modes

PA-26FMU

Order No. 17.5040

482 mm 19" | SD | NEW

PA emergency sound system, for integrating into PA systems according to EN 60849.

- Hand-held microphone with monitored functionality
- Alarm input for triggering alarm
- Reproduction of MP3 voice recordings via integrated SD card slot (for media up to 32 GB, not supplied), volume control
- Siren emits an acoustic signal for 10 seconds when alarm is triggered, volume control
- Built-in signal light FIRE flashes when alarm is triggered
- Balanced line output via spring-loaded terminal
- 24 V power supply via PSS-3000SV, available at option

Full specifications can be found on our website www.monacor-international.de.

ICM-20H

Order No. 17.4970

NEW

Intercom system, cable-connected, consisting of desktop microphone and separate call station. Ideally suited, e.g. for reception desks and sales counters.

Desktop microphone:

- 300 mm gooseneck, removable (XLR connection)
- Electret microphone cartridge, cardioid characteristic
- Built-in amplifier and speaker
- Volume control
- Push-to-talk button
- Headphone connection (3.5 mm jack) with automatic switch-off of the built-in speaker
- Power is provided via enclosed power supply
- Dimensions console housing: 115 x 65 x 170 mm

Call station:

- Built-in speaker and microphone
- Call button (buzzer)
- 3 m connection cable for connection to desktop microphone
- Supplied with mounting accessories for attachment to glass panels
- Power supply via desktop microphone
- Dimensions: Ø 85 mm x 35 mm

SA-130DMP

Order No. 25.7760

482 mm 19" MP3 USB BT NEW

Stereo amplifier, 140 W with integrated MP3 player, Bluetooth receiver, FM radio, USB interface and SD/MMC card slot.

- Bluetooth receiver for wireless connection of laptops, smartphones or tablet PCs
- USB storage media can be connected directly
- For SD/MMC cards up to 32 GB (FAT16/FAT32), available at option
- Adjustable microphone input and aux input on the front panel
- Adjustable stereo line input
- Insert facility, e.g. for effect units, equalizers, feedback controllers
- 2-way tone control
- Adjustable master output
- 482 mm (19") rack installation, 1 RS

Model	SA-130DMP
Power rating at 4 Ω	2 x 70 W
Inputs	480 mV/20 kΩ (line) 1.3 mV/500 Ω (mic) 190 mV/10 kΩ (aux) 580 mV/22 kΩ (amp in)
Frequency range	20-20,000 Hz
Equalizer bass	± 12 dB/100 Hz
Equalizer treble	± 10 dB/10 kHz
S/N ratio	90 dB
THD	0.1%
Power supply	~ 230 V/50 Hz/350 VA
Admiss. ambient temp.	0-40 °C
Dimensions	482 x 44 x 245 mm
Weight	4.9 kg
Connections	1 x RCA L/R (line), 1 x XLR/6.3 mm jack (mic), 1 x 3.5 mm jack (aux), 1 x RCA L/R (amp in), 1 x RCA L/R (amp out), screw terminals (speakers)

The SPEECH-500/GR is a professional solution

for voice and music transmissions of high requirements and equipped with innovative technology. The lectern features a variable electric height adjustment. A laptop can space-savingly be accommodated underneath the transparent glass plate on the top part of the lectern in a 2-step illuminated compartment which has especially been designed for this purpose. The built-in audio system as well as the UHF PLL wireless technology with transmitter module and receiver module perfectly meet every requirement. In audio link operation, this allows for a wireless control of further active speaker systems which are equipped with respective wireless receivers, e.g. TXA-800 and TXA-1000 series.

SPEECH-500/GR

Order No. 17.6210

NEW

Professional lectern with electric height adjustment and integrated wireless audio system

- Built-in 4-channel mixing amplifier with limiter, 50 W
- Variable electric height adjustment of the lectern, 85-125 cm
- Top part of the lectern with a transparent safety glass plate and illuminated compartment for a laptop
- Built-in UHF PLL receiver (TXA-802MR) with 16 selectable frequencies (863.1-864.9 MHz) with diversity system, matching transmitters are available at option, e.g. TXA-800HSE or TXA-800HT
- Built-in UHF PLL transmitter (TXA-802MT) with 16 selectable frequencies (863.1-864.9 MHz) for setting up audio link transmission
- 3 inputs via comb. jack mic (XLR)/line (6.3 mm jack), stereo line input (RCA), gain controls, 3-way equalizer for the comb. inputs
- 2 shock-absorbing XLR jacks on the top part of the lectern for 2 optional gooseneck microphones (each one uses a microphone input), matching microphone EMG-650P is available at option
- Additional XLR jack for LED gooseneck light (e.g. GNL-304, available at option)
- 12 V phantom power for mic input 1 and 2
- 1 stereo line output via RCA jacks
- 30 cm (12") full range speaker of high power capability providing a powerful sound
- High-quality cabinet
- Standard wood decor: grey lacquered
- Holder for name of speaker to be mounted with terminal screw
- 3 additional storage compartments for documents and other utensils
- 2 swivel castors with brakes, 2 fixed castors

Licence-free in the EU.

Model	SPEECH-500/GR
Power rating (P_{RMS})	50 W
Peak music power output (P_{MAX})	100 W
Frequency range	50-20,000 Hz
Carrier frequency	863.1-864.9 MHz
Operating range	≤ 30 m
Inputs	2 mV (mic 1), 4.5 mV (mic 2-3), 150 mV (line 1-3), 400 mV (line)
Equalizer, bass	± 12 dB/60 Hz
Equalizer, midrange	± 7 dB/1 kHz
Equalizer, treble	± 12 dB/15 kHz
Power supply	~ 230 V/50 Hz/135 VA
Admiss. ambient temp.	0-40 °C
Dimensions	800 x 1,250 x 570 mm
Weight	45 kg
Connections	3 x XLR (mic), 3 x 6.3 mm jack (line), 1 x RCA L/R (line in), 1 x RCA L/R (line out)

Full specifications can be found on our website www.monacor-international.de.

TXA-900DCD

Order No. 17.6030

Portable high-power amplifier system, with integrated wireless receiver and CD player with anti-shock system.

- Operation via mains connection or built-in rechargeable lead gel battery 12 V/7 Ah (operating time: up to 8 hours), integrated automatic battery charging
- For mobile applications, e.g. speeches, lectures, sales events
- Digital power amplifier
- High-quality CD player with slot-in mechanism, USB port for external storage media, reproduction of audio CDs, CD-Rs, MP3 CDs, high-speed access
- 2-way speaker system with professional PA speakers
- Very high efficiency
- 2 inputs (channels 1+2) via comb. jacks mic (XLR)/line (6.3 mm), gain controls, 3-way equalizer, bass boost function
- Link connections (2 x 6.3 mm jack) for combining several amplifier systems TXA-900CD
- Due to an integrated extractable telescopic handle and 2 castors, the amplifier system can easily be pulled like a trolley
- Wooden cabinet of perfect workmanship with PU coating (polyurethane)
- Lateral recessed carrying handles
- Stand sleeve
- Supplied with practical protective bag

Matching microphone transmitters or pocket transmitters are available at option, e.g. TXS-821HT, TXS-820HSE, TXS-820LT or TXS-820SX.

Licence-free in the EU.

Model	TXA-900DCD
Power rating (P_{RMS})	50 W
Peak music power output (P_{MAX})	75 W
Frequency range	20-20,000 Hz
Carrier frequency	863.05 MHz
Operating range	≈ 30 m
Inputs	6.5 mV (mic), 160 mV (line)
Link	950 mV
THD	0.03%
Equalizer, bass	± 12 dB/40 Hz
Equalizer, midrange	± 6 dB/1 kHz
Equalizer, treble	± 12 dB/12 kHz
Power supply	~ 230 V/50 Hz/40 VA, rech. batt.: 12 V/7 Ah
Admiss. ambient temp.	0-40 °C
Dimensions	310 x 560 x 285 mm
Weight	14.7 kg
Connections	2 x XLR (mic), 2 x 6.3 mm jack (line), 2 x 6.3 mm jack (link)

PSUB-18WP

Order No. 25.7820

Weatherproof high-performance PA subwoofer, 800 W, 8 Ω

- High-performance bass-reflex system with a cabinet made of reinforced ABS plastic
- 45 cm (18") PA subwoofer with impregnated cone
- High efficiency, thus high sound pressure level in the bass range
- Front grille with 3-layer water-repellent gaze (rain shield design)
- Recessed connecting terminal with cover plate and high-strength cable gland
- Stainless steel metal parts
- M10 threaded inserts (3 x top, 5 x rear, 1 x bottom)
- Supplied with rubber feet
- Protected against ball rebound according to DIN 18032, part 3

Model	PSUB-18WP
Impedance	8 Ω
Frequency range	38-250 Hz
Power rating	800 W
Peak music power output	1,600 W
Sensitivity	98 dB/W/m
Admiss. ambient temp.	-10 °C to +40 °C
Dimensions	510 x 585 x 526 mm
Weight	36 kg
Inputs	spring-load. speaker term.

EDL-416EN/WS

Order No. 16.3420

100V IP35 EN 54 NEW

Moisture-proof PA ball speaker, with EN 54-24 certification.

- 100 V line technique
- White ABS housing (UL 94HB), UV-resistant and weatherproof
- Moisture-proof speaker cone
- Supplied with 450 cm connection cable and canopy
- Ceramic connection terminal, thermal fuse

Model	EDL-416EN/WS
Operating voltage	100 V
Frequency range	130-18,000 Hz
Power rating	16/8/4 W
Sensitivity	89.9 dB/W/m
Radiation angle/Beam angle	196° (1 kHz) 132° (2 kHz) 170° (4 kHz)
Admiss. ambient temp.	-20 °C to +80 °C
Dimensions	Ø 185 mm x 157 mm
Weight	1.5 kg
Inputs	ceramic terminal with thermal fuse

ETS-120SL/WS

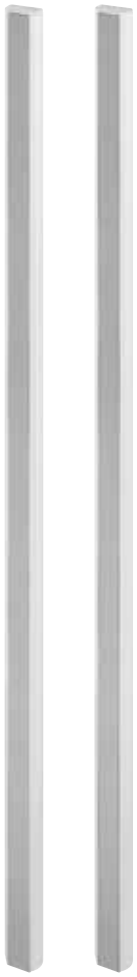
Order No. 16.3450

4Ω 80 W MAX PAAR PAIR NEW

Pair of line array design speakers, 4 Ω, in slimline extruded aluminium cabinets.

- Elegant slimline design
- Cross-sectional area not much bigger than a 1 Euro coin
- New type of speaker systems with magnetostatic drive and flat cone speakers
- Very wide bandwidth reproduction with an excellent sound quality
- High transmission range due to line array system
- Connection via screw terminal
- Fine-meshed front grille with fleece lining
- Supplied with mounting brackets and connection cables

Model	ETS-120SL/WS
Impedance	4 Ω
Frequency range	120-20,000 Hz
Power rating	40 W
Peak music power output	80 W
Sensitivity	88 dB/W/m
Radiation angle/Beam angle	H: 160°/V: 40°
Admiss. ambient temp.	0-40 °C
Dimensions	36 x 1,210 x 22 mm
Weight	0.95 kg
Inputs	screw terminal



Full specifications can be found on our website www.monacor-international.de.

EDL-82HQ

Order No. 16.3440

100V 8/2 NEW

PA hi-fi wall and ceiling speaker, 30 W

- 100 V line technique with 4 power taps
- 2-way version with coaxial dome tweeter
- 20 cm (8") bass speaker with waveguide and 25 mm (1") silk dome
- Excellent sound characteristics
- Stylish flush fit protective metal grille with slim plastic frame
- Protective grille magnetically attached to speaker front
- For a wall thickness/ceiling thickness from 6 to 35 mm

Model	EDL-82HQ
Frequency range	30-20,000 Hz
Resonant frequency (fs)	40 Hz
Power rating	30/16/8/4 W
Sensitivity	89 dB/W/m
Mounting cutout	Ø 252 mm
Mounting depth	97 mm
Dimensions	Ø 295 mm x 100 mm
Admiss. ambient temp.	0-40 °C
Weight	2 kg

EDL-62HQ

Order No. 16.3430

100V 6.5/2 NEW

PA hi-fi wall and ceiling speaker, 30 W

- 100 V line technique with 4 power taps
- 2-way version with coaxial dome tweeter
- 16 cm (6½") bass speaker with waveguide and 25 mm (1") silk dome
- Excellent sound characteristics
- Stylish flush fit protective metal grille with slim plastic frame
- Protective grille magnetically attached to speaker front
- For a wall thickness/ceiling thickness from 6 to 35 mm

Model	EDL-62HQ
Frequency range	50-20,000 Hz
Resonant frequency (fs)	60 Hz
Power rating	30/16/8/4 W
Sensitivity	89 dB/W/m
Mounting cutout	Ø 210 mm
Mounting depth	95 mm
Dimensions	Ø 250 mm x 98 mm
Weight	1.83 kg

EDL-10TW/WS

Order No. 16.3380

100V NEW

PA ceiling speaker, with integrated tweeter.

- 100 V line technique
- 20 cm (8") 2-way coaxial speaker
- Metal housing with protective speaker grille
- Excellent sound quality with consistent radiation pattern
- Quick-mounting facility with spring clips
- For a ceiling thickness from 10 to 40 mm

Model	EDL-10TW/WS
Frequency range	50-20,000 Hz
Power rating	10/6/4/2 W
Sensitivity	95 dB/W/m
Max. rated SPL	105 dB
Radiation angle	110° @ 2,000 Hz
Mounting cutout	Ø 215 mm
Mounting depth	90 mm
Dimensions	Ø 247 mm x 90 mm
Admiss. ambient temp.	0-40 °C
Weight	1.2 kg

EX-40/4
Order No. 16.3400

EX-40/8
Order No. 16.3410

40 W MAX | 4Ω | NEW

40 W MAX | 8Ω | NEW

Audio exciters/resonators, 20 W, 4 Ω (/4) or 8 Ω (/8)

Exciters are suitable for music and voice reproductions via surfaces capable of vibrating. They are simply glued onto doors, cupboard doors, shelves, desktops, lightweight walls, ceiling panels or many other surfaces which are capable of vibrating. Vibration of these surfaces create an impressive sound in the entire surrounding area.

- Depending on the mounting surface, very wide bandwidth reproduction with amazing volumes
- Excellent sound quality
- High power capability
- Suitable for unobtrusive PA applications, e.g. at doors, cupboards, shelves, glass panels
- Supplied with 3M adhesive pad

Model	EX-40/4	EX-40/8
Impedance (Z)	4 Ω	8 Ω
Frequency range	fx-20,000 Hz	fx-20,000 Hz
Resonant frequency (fs)	300 Hz	300 Hz
Power rating	20 W	20 W
Peak music power output	40 W	40 W
Voice coil diameter	Ø 32 mm	Ø 32 mm
Voice coil former	KSV	KSV
Dimensions	Ø 61 mm x 20 mm	Ø 61 mm x 20 mm
Admiss. ambient temp.	0-40 °C	0-40 °C
Weight	0.135 kg	0.135 kg

EX-1W
Order No. 16.3390

10 W MAX | IP66 | 8Ω | NEW

Audio exciter/resonator, 5 W, 8 Ω

Exciters are suitable for music and voice reproductions via surfaces capable of vibrating. They are simply glued onto doors, cupboard doors, shelves, desktops, lightweight walls, ceiling panels or many other surfaces which are capable of vibrating. Vibration of these surfaces create an impressive sound in the entire surrounding area.

- Depending on the mounting surface, very wide bandwidth reproduction with amazing volumes
- Excellent sound quality
- Dustproof and hose-proof according to IP66
- Suitable for unobtrusive PA applications, e.g. at doors, cupboards, shelves, glass panels, desktops, shower screens
- Supplied with 3M adhesive pad

Model	EX-1W
Impedance (Z)	8 Ω
Frequency range	depending on installation, higher than 20 kHz
Resonant frequency (fs)	1,200 Hz
Power rating	5 W
Peak music power output	10 W
Voice coil diameter	Ø 25 mm
Voice coil former	KSV
Dimensions	85 x 65 x 21 mm
Admiss. ambient temp.	-10 °C to +40 °C
Weight	0.115 kg

Wall-Mounted PA Volume Controls

NEW

- Recessed control to prevent unintentional readjustment
- Attenuation in 11 steps and OFF
- Audio transformer for 100 V line technique
- White plastic front panel (removable) and knob
- Flush mounting in standard wall boxes
- Surface mounting with matching housing ATT-200, available at option

Model	Order No.	Frequency range	Power rating	Priority facility	Dimensions	Mounting depth	Weight	Surface-mounted housing
ATT-212H/WS	17.6110	50-18,000 Hz	12 W	no	85 x 85 x 43 mm	35 mm	160 g	ATT-200
ATT-224H/WS	17.6120	50-18,000 Hz	24 W	no	85 x 85 x 45 mm	37 mm	160 g	ATT-200
ATT-235H/WS	17.6130	50-18,000 Hz	35 W	no	85 x 85 x 45 mm	34 mm	220 g	ATT-200
ATT-250H/WS	17.6140	50-18,000 Hz	50 W	no	85 x 85 x 50 mm	42 mm	220 g	ATT-200
ATT-2100H/WS	17.6150	50-18,000 Hz	100 W	no	85 x 85 x 50 mm	42 mm	260 g	ATT-200

Full specifications can be found on our website www.monacor-international.de.

HSE-160/CR

Order No. 23.6560

NEW

Ultra-light headband microphone

- Chrome-coloured version
- Back electret microphone cartridge
- Omnidirectional characteristic
- 3-pole mini XLR inline jack
- Cable routing incl. strain relief and cable bending protection in the neck area
- Drip ring (protects cartridge from moisture)
- Compatible with pocket transmitters TXS-...HSE with 3-pole mini XLR connection
- External power supply, e.g. via phantom power supply adapter EMA-1 or EMA-300P

Model	HSE-160/CR
Polar pattern	omnidir.
System	back electret
Audio frequency range	50-18,000 Hz
Nominal impedance	2 kΩ
Sensitivity	7.9 mV/Pa
Maximum sound pressure	130 dB
Power supply	⎓ 1.5-9 V
Admiss. ambient temp.	0-40 °C
Weight	18 g
Connection	3-pole mini XLR

MCE-4001

Order No. 23.6740

NEW

High-quality subminiature electret microphone cartridge, (omnidirectional characteristic).

Model	MCE-4001
Polar pattern	omnidir.
Frequency range	20-20,000 Hz
Sensitivity	6.3 mV/Pa
Maximum sound pressure	115 dB
Output impedance	2.2 kΩ
S/N ratio	> 58 dB
Admiss. ambient temp.	0-40 °C
Power supply	⎓ 1-10 V/0.5 mA
Dimensions	Ø 6 mm x 5.2 mm
Weight	1 g

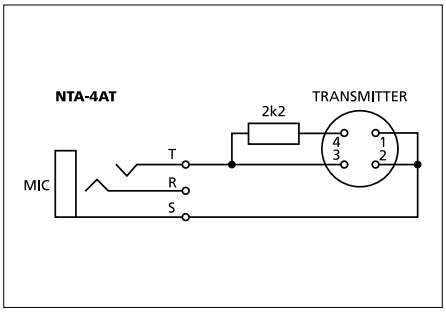
NTA-4AT

Order No. 23.6570

NEW

Adapter

4-pole Hirose inline jack to 2.5 mm inline jack.
For connecting headband or earband microphones with 2.5 mm plug to wireless transmission systems of other manufacturers.
For type of connection, see drawing.



RF-COVER/RT

Order No. 25.8000

NEW

Protective cover, for RF spectrum analyser RF-EXPLORER/3, RF-EXPLORER/6 and RF signal generator RF-GENERATOR1. Rubber, red.

Supplied w/o device.

RF-COVER/SW

Order No. 25.8010

NEW

Protective cover, for RF spectrum analyser RF-EXPLORER/3, RF-EXPLORER/6 and RF signal generator RF-GENERATOR1. Rubber, black.

Supplied w/o device.

AXC-137NLC

Order No. 18.4880

HYBRID modular colour camera

- Fixed-focus lens (3.7 mm)
- Progressive scan image sensor for images without field distortions
- Digital noise reduction (DNR) for improving the image quality in unfavourable lighting conditions and also for saving hard disk capacities when recording with digital recorders
- Due to the extended dynamic range of the wide dynamic range function (DWDR), an application is also possible in unfavourable backlighting conditions
- Privacy masking function, 4 zones
- Video motion detector function
- Multilingual on-screen menu control (OSD)
- 75 cm connection cable for power supply and video (BNC) with integrated joystick for selecting camera technology
- Supplied with camera mount
- Matching power supply (PSS-1205DC) is available at option

Model	AXC-137NLC
Image sensor	8.5 mm (⅓") CMOS
Number of pixels	1920 x 1080 pixels max.
Resolution	1080p
Lens	3.7 mm/1:2.0
Viewing angle	95°
Min. illumination	0.5 lx
Power supply	⎓ 12 V/160 mA
Admiss. ambient temp.	-10-+50 °C
Weight	35 g
Other features	BLC, 3D DNR, DWDR
Video	TVI, AHD, CVI, CVBS

AXC-137PHC

Order No. 18.4890

HYBRID modular colour camera

- Fixed-focus pinhole lens (3.7 mm)
- Progressive scan image sensor for images without field distortions
- Digital noise reduction (DNR) for improving the image quality in unfavourable lighting conditions and also for saving hard disk capacities when recording with digital recorders
- Due to the extended dynamic range of the wide dynamic range function (DWDR), an application is also possible in unfavourable backlighting conditions
- Privacy masking function, 4 zones
- Video motion detector function
- Multilingual on-screen menu control (OSD)
- 75 cm connection cable for power supply and video (BNC) with integrated joystick for selecting camera technology
- Supplied with camera mount
- Matching power supply (PSS-1205DC) is available at option

Model	AXC-137PHC
Image sensor	8.5 mm (⅓") CMOS
Number of pixels	1920 x 1080 pixels max.
Resolution	1080p
Lens	3.7 mm/1:2.0
Viewing angle	100°
Min. illumination	0.5 lx
Power supply	⎓ 12 V/100 mA
Admiss. ambient temp.	-10-+50 °C
Weight	35 g
Other features	BLC, 3D DNR, DWDR
Video	TVI, AHD, CVI, CVBS

AXS-100

Order No. 18.4790

Single-cable transmission system, for distances up to 600 m (cable type: RG-59).

- Consisting of 1 transmitter, 1 receiver as well as 1 power supply with connection cable
- Video transmisison: AHD 720p/1080p and CVBS
- Suitable for cameras of the AXS series
- Power is provided via enclosed power supply ⎓ 48 V/1.25 A
- LED function display
- Admissible ambient temperature: -10 °C to +45 °C

AXTU-102VPD

Order No. 18.9240

Passive 2-wire transmission set, for AHD/TVI video signals and CVBS video signals.

- For TVI signals up to 150 m, for AHD signals up to 50 m and for CVBS signals up to 100 m
- For twisted telephone cables and Cat. 5 network cables
- For free cable pairs in existing installations
- Cable connection via screw terminals
- BNC plug for transmitter and receiver
- Passive, no power supply required

Full specifications can be found on our website www.monacor-international.de.

INC-4312BV

Order No. 18.4950

IP66 D/N WDR VARIO ZOOM 4 MP NEW

PROJECT Line 4 megapixel network colour camera for outdoor applications, with integrated micro SD card recorder, day/night function and webserver.

- Zoom lens: 2.8-12 mm/1:1.4, focus and zoom can be adjusted manually at the camera
- Viewing angle: 34-100°
- Due to 30 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 30 m, with optimum reflection)
- Image compression: H.264, MJPEG
- 30 fps max. with 2688 x 1520 pixels
- Integrated micro SD card slot (for media up to 64 GB, not supplied)
- Privacy masking function, 3 zones
- Video motion detector function, 3 zones
- Two-way audio transmission
- Supplied with recording software, sunshield and wall bracket
- 0.5 m connection cable for power supply, audio (3.5 mm jack), network (RJ45) and alarm
- Power supply via optional power supply PSS-1230DC, PS-120WP or via Power over Ethernet (PoE)

Model	INC-4312BV
Image sensor	8.5 mm (⅓") CMOS, 4 megapixels
Number of pixels	2688 x 1520 pixels max.
Resolution	4 MP
Lens	2.8-12 mm/1:1.4
Min. illumination	0.08 lx (colour), 0.03 lx (B/W)
Webserver	integrated
Video streaming	3-fold
Compression method	H.264, MJPEG
Protocols	HTTP, HTTPS, SNMP, Qos/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour
Power supply	⎓ 12 V/500 mA or PoE
Admiss. ambient temp.	-10-+45 °C
Weight	850 g
Other features	IP66 1 x alarm input 1 x alarm output
Ethernet	RJ45, 10/100 Mbps
Audio	1 x 3.5 mm jack (in/out)

INC-4312BW

Order No. 18.4960

IP66 D/N WDR VARIO ZOOM micro SD 4 MP NEW

PROJECT Line 4 megapixel network colour camera for outdoor applications, with integrated micro SD card recorder, day/night function, webserver and WLAN 802.11b/g/n.

- Zoom lens: 2.8-12 mm, focus and zoom can be adjusted manually at the camera
- Viewing angle: 34-100°
- Due to 30 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 30 m, with optimum reflection)
- Image compression: H.264, MJPEG
- 30 fps max. with 2688 x 1520 pixels
- Integrated micro SD card slot (for media up to 64 GB, not supplied)
- Privacy masking function, 3 zones
- Video motion detector function, 3 zones
- Two-way audio transmission
- Supplied with recording software, sunshield, wall bracket and antenna with SMA connection
- 0.5 m connection cable for power supply, audio (3.5 mm jack), network (RJ45) and alarm
- Power is provided via enclosed power supply

Model	INC-4312BW
Image sensor	8.5 mm (⅓") CMOS, 4 megapixels
Number of pixels	2688 x 1520 pixels max.
Resolution	4 MP
Lens	2.8-12 mm/1:1.4
Min. illumination	0.08 lx (colour), 0.03 lx (B/W)
Webserver	integrated
Video streaming	3-fold
Compression method	H.264, MJPEG
Protocols	HTTP, HTTPS, SNMP, Qos/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour
Power supply	⎓ 12 V
Admiss. ambient temp.	-10-+45 °C
Weight	850 g
Other features	IP66 1 x alarm input 1 x alarm output
Ethernet	RJ45, 10/100 Mbps and WLAN
Audio	1 x 3.5 mm jack (in/out)

INC-4212BWM

Order No. 18.4940

IP66 D/N WDR VARIO ZOOM 4 MP NEW

PROJECT Line 4 megapixel network colour camera for outdoor applications, with integrated micro SD card recorder, day/night function, webserver and WLAN 802.11b/g/n.

- Motorised zoom lens (2.8-12 mm)
- Viewing angle: 34-100°
- Due to 30 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 30 m, with optimum reflection)
- Image compression: H.264, MJPEG
- 30 fps max. with 2688 x 1520 pixels
- Integrated micro SD card slot (for media up to 64 GB, not supplied)
- Privacy masking function, 3 zones
- Video motion detector function, 3 zones
- 2-way audio transmission
- Supplied with recording software, sunshield, wall bracket and antenna with SMA connection
- 0.5 m connection cable for power supply, audio (3.5 mm jack), network (RJ45) and alarm
- Power is provided via enclosed power supply

Model	INC-4212BWM
Image sensor	8.5 mm (⅓") CMOS, 4 megapixels
Number of pixels	2688 x 1520 pixels max.
Resolution	4 MP
Lens	2.8-12 mm/1:1.4
Viewing angle	34-100°
Min. illumination	0.08 lx (colour), 0.03 lx (B/W)
Webserver	integrated
Video streaming	3-fold
Compression method	H.264, MJPEG
Protocols	HTTP, HTTPS, SNMP, Qos/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour
Power supply	via enclosed power supply
Operating voltage	⎓ 12 V
Admiss. ambient temp.	-20-+60 °C
Weight	850 g
Other features	IP66 1 x alarm input 1 x alarm output
Ethernet	RJ45, 10/100 Mbps and WLAN
Audio	1 x 3.5 mm jack (in/out)

INC-4036DW

Order No. 18.4930

D/N WDR PoE 4 MP NEW

PROJECT Line 4 megapixel network mini colour dome camera, with integrated micro SD card recorder, day/night function, webserver and WLAN 802.11b/g/n.

- Fixed-focus lens (2.8 mm)
- Viewing angle: 110°
- Due to 6 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 5 m, with optimum reflection)
- Image compression: H.264, MJPEG
- 30 fps max. with 2688 x 1520 pixels
- Integrated micro SD card slot (for media up to 64 GB, not supplied)
- Privacy masking function, 3 zones
- Integrated microphone for audio transmission
- Supplied with recording software
- Power is provided via enclosed power supply or via Power over Ethernet (PoE)

Model	INC-4036DW
Image sensor	8.5 mm (⅓") CMOS, 4 megapixels
Number of pixels	2688 x 1520 pixels max.
Resolution	4 MP
Lens	2.8 mm/1:2.0
Viewing angle	110°
Min. illumination	0.08 lx (colour), 0.03 lx (B/W)
Webserver	integrated
Video streaming	3-fold
Compression method	H.264, MJPEG
Protocols	HTTP, HTTPS, SNMP, Qos/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour
Power supply	via enclosed power supply or PoE
Operating voltage	⎓ 12 V
Admiss. ambient temp.	0-45 °C
Weight	400 g
Other features	1 x alarm input 1 x alarm output
Ethernet	RJ45, 10/100 Mbps and WLAN
Audio	integrated microphone

Full specifications can be found on our website www.monacor-international.de.

F-4215

Order No. 18.9230

2 megapixel network colour camera, with integrated micro SD card recorder, day/night function, webserver and WLAN 802.11b/g.

- PIR motion detector
- Peer-to-peer communication (P2P)
- Push notification
- Fixed focus lens: 3.6 mm/1:2.0
- 30 fps max. with 1920 x 1080 pixels
- Image compression: H.264, MJPEG
- Due to super-bright infrared LED, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 10 m, with optimum reflection)
- Integrated micro SD card recorder (for media up to 32 GB, not supplied)
- Password-protected access
- Secure transmission possible via HTTPS protocol
- Event-controlled and time-controlled data transmission via e-mail or FTP
- Also supports Firefox, Safari, MAC OS and ONVIF
- Compatible with network recorders of the NVR and INR series
- 5 users max. at the same time
- 2-way full duplex audio transmission, with built-in microphone and speaker
- Alarm input and alarm output
- Supplied with wall bracket
- Power supply via Power over Ethernet (PoE) or optional power supply
- Recording software available in the download section

Model	F-4215
Image sensor	9.07 mm (1/2.8") CMOS
Number of pixels	1920 x 1080 pixels max. (2 megapixels)
Lens	3.6 mm/1:2.0
Min. illumination	0.05 lx (colour) 0.005 lx (B/W)
Webserver	integrated
Compression method	H.264, MJPEG
Protocols	IPv4, IPv6, Bonjour, TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, DynDNS, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP, ONVIF
Power supply	PoE or ⎓ 12 V/380 mA
Admiss. ambient temp.	0-40 °C
Weight	110 g
Other features	incl. wall bracket 1 x alarm input 1 x alarm output
Ethernet	RJ45, 10/100 Mbps and WLAN
Audio	built-in microphone

INS-100R

Order No. 18.4830

Receiver, for receiving HDMI™ signals via network cable with a length of up to 100 m.

- For extending the transmission set INS-100Z
- Resolution: 1080p with Cat. 6 cable when using multiple receivers in a gigabit network
- Supplied with IR sensor for utilising remote controls of external devices
- Connections: HDMI™ jack, RJ45, low-voltage jack
- LED status indicator
- Power is provided via enclosed plug-in power supply
- Dimensions: 97 x 24 x 94 mm
- Weight: 142 g

INS-100Z

Order No. 18.4840

Transmission set, for transmitting HDMI™ signals via network cable with a length of up to 100 m.

- Resolution: 1080p with a 100 m Cat. 5 cable (individual connection transmitter/receiver)
- Up to 5 receivers INS-100R can be operated in one network when using Cat. 6 cables in a gigabit network
- Supplied with IR sensors for utilising remote controls of external devices
- Scope of delivery: 1 transmitter module, 1 receiver module, 2 plug-in power supplies

Transmitter module:

- Connections: HDMI™ jack, RJ45, low-voltage jack
- LED status indicator
- Power is provided via enclosed plug-in power supply
- Dimensions: 97 x 24 x 94 mm
- Weight: 145 g

Receiver module:

- Connections: HDMI™ jack, RJ45, low-voltage jack
- LED status indicator
- Power is provided via enclosed plug-in power supply
- Dimensions: 97 x 24 x 94 mm
- Weight: 142 g

INH-2000B

Order No. 18.9190

Holder, for PROJECT Line 2 megapixel network colour cameras INC-2036BF, INC-2622BV, INC-2812BV, INC-2036DF and PROJECT Line 3 megapixel PTZ speed colour dome camera INC-3557PTZ.

- For outdoor wall mounting and ceiling suspension
- Inside cable routing
- Aluminium version
- Dimensions: Ø 142 mm x 51 mm
- Supplied with mounting accessories

INH-2000D

Order No. 18.9200

NEW

Holder, for PROJECT Line 2 megapixel network colour dome cameras INC-2036DM and INC-2812DV.
- For outdoor wall mounting and ceiling suspension
- Inside cable routing
- Aluminium housing, metal mounting plate
- Dimensions: Ø 142 mm x 43 mm
- Supplied with mounting accessories

INH-2036D

Order No. 18.9210

NEW

Holder, for PROJECT Line 2 megapixel network colour dome camera INC-2036DM.
- For indoor wall mounting and ceiling suspension
- Inside cable routing
- Plastic version, bevelled 10°
- Dimensions: Ø 96 mm x 51 mm
- Supplied with mounting accessories

INH-3557P

Order No. 18.4860

NEW

Holder, for PROJECT Line 3 megapixel PTZ speed colour dome camera INC-3557PTZ.
- For outdoor ceiling suspension
- Inside cable routing
- Aluminium version
- Length: 125 mm
- Supplied with mounting accessories

HOLD-2080BX

Order No. 18.4800

NEW

Camera mount, for colour cameras AXC-2000BX, INC-2000BX, F-7320 and EAN-3220.
- For wall mounting and ceiling suspension
- Aluminium version
- For panning and tilting
- 6.3 mm (¼") camera thread
- Length: 80 mm
- Weight: 45 g

HOLD-2170BX

Order No. 18.4810

NEW

Camera mount, for colour cameras AXC-2000BX, INC-2000BX, F-7320 and EAN-3220.
- For wall mounting and ceiling suspension
- Aluminium version
- For panning and tilting
- 6.3 mm (¼") camera thread
- Length: 170 mm
- Weight: 65 g

HOLD-2230BX

Order No. 18.4820

NEW

Camera mount, for colour cameras AXC-2000BX, INC-2000BX, F-7320 and EAN-3220.
- For wall mounting and ceiling suspension
- Aluminium version
- For panning and tilting
- 6.3 mm (¼") camera thread
- Length: 230 mm
- Weight: 75 g

Full specifications can be found on our website www.monacor-international.de.

MPL-140

Order No. 18.4970

NEW

Megapixel interchangeable lens

- Focal length: 1.4 mm
- Suitable for cameras AXC-137NLC, AXC-2036BF, D-4320

MPL-250

Order No. 18.4980

NEW

Megapixel interchangeable lens

- Focal length: 2.5 mm
- Suitable for cameras AXC-137NLC, AXC-2036BF, D-4320

MPL-800

Order No. 18.4990

NEW

Megapixel interchangeable lens

- Focal length: 8.0 mm
- Suitable for cameras AXC-137NLC, AXC-2036BF, D-4320

Model	MPL-140	MPL-250	MPL-800
Focal length	1.4 mm	2.5 mm	8.0
Iris adjustment	fixed	fixed	fixed
Lens aperture	1:1.8	1:2.0	1:2.0
Mounting thread	12 mm	12 mm	12.00
Dimensions	Ø 18 mm x 19.6 mm	Ø 17.5 mm x 15.7 mm	Ø 14 mm x 18.8 mm
Weight	6 g	6 g	3 g

TVD-55B

Order No. 18.4910

NEW

Camera dummy, for outdoor applications.

- Outdoor housing with sunshield and camera bracket
- Day/night camera design with visible LEDs
- Flashing LED, 2 x 1.5 V battery AA size required
- With dummy connection cable
- Dimensions: Ø 80 mm x 140 mm
- Supplied w/o batteries

TVD-60D

Order No. 18.4920

NEW

Mini speed dome camera dummy

- Flashing LED, 2 x 1.5 battery AA size required
- Bracket for wall mounting or ceiling suspension
- Dimensions: Ø 128 mm x 240 mm
- Supplied w/o batteries

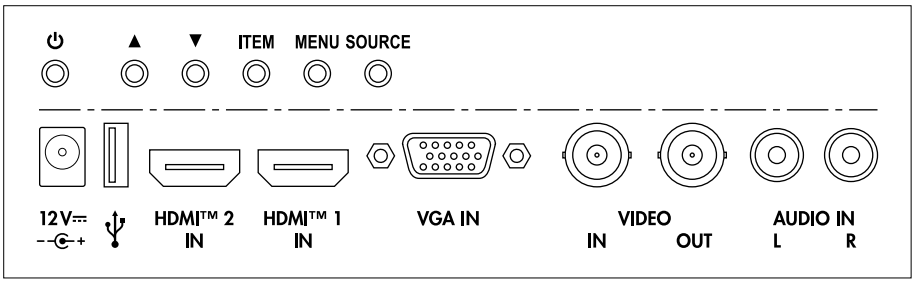
TFT-1002LED

Order No. 18.4900

LCD colour monitor with LED backlight, for surveillance systems and multimedia applications.

- Visible diagonal screen size: 25.65 cm (10.1")
- 2 x HDMI™ video input (Full HD 1080p)
- VGA input
- Viewing angle: 85° horizontal, 85° vertical
- Contrast ratio: 800:1
- Brightness: 350 cd/m², 16.2 million colours
- Built-in speaker (2 x 2 W)
- Picture-in-picture function (PIP)
- Operation via on-screen menu (OSD) and supplied infrared remote control
- Metal housing and metal base
- Perforated rear panel according to VESA-75 standard
- Supplied with VGA cable, audio cable and matching power supply

Model	TFT-1002LED
Colour system	PAL/NTSC
Screen diagonal	25.65 cm (10.1")
Aspect ratio	16:10
Resolution	hor. 1280 x vert. 800 pixels
Video input	1 Vpp/75 Ω
Video output	1 Vpp/75 Ω
Power supply	via encl. power supply
Admiss. ambient temp.	0-40 °C
Dimensions	255 x 220 x 96 mm
Weight	1.7 kg
Connections	2 x HDMI™ 1 x VGA 1 x USB 1 x BNC (video in) 1 x RCA L/R (audio in) 1 x BNC (video out)



SATA-6000GB

Order No. 18.4850

SATA hard disk, 6 TB, especially designed for application in digital recorders with SATA interface.

Model	SATA-6000GB
Interface	SATA 6 Gbps
Storage capacity	6 TB
Other features	24/7 operation

Full specifications can be found on our website www.monacor-international.de.

SOUTDOOR-L

Order No. 04.7880

IP44 NEW

Dual-zone PIR motion detector, for outdoor applications.

- DIP switch for selecting detection characteristics
- Bicoloured status LED
- Tamper switch
- Walk test
- Matching wall bracket SN-3 is available at option

Model	SOUTDOOR-L
Detection range	6/12 m
Detection angle	90°
Quiescent current	14 mA
Power supply	⎓ 10.5-13.8 V
Alarm switches	NC, ⎓ 24 V/200 mA
Admiss. ambient temp.	-30-+55 °C
Dimensions	85 x 185 x 70 mm
Weight	265 g

SOUTDOOR-T

Order No. 04.7890

IP44 NEW

Dual-zone PIR motion detector, with infrared detection and MW detection, for outdoor applications.

- Programming of motion detector via free software using a PC or laptop
- For superior coverage and immunity to false alarms due to additional MW detection
- DIP switch for selecting detection characteristics
- 4 relay outputs, to be configured as required
- Bicoloured status LED
- Tamper switch
- Walk test
- Matching wall bracket SN-3 is available at option

Model	SOUTDOOR-T
Detection range	3-15 m
Detection angle	90°
Quiescent current	46 mA
Power supply	⎓ 9-15 V
Alarm switches	NC, ⎓ 40 V/100 mA
Admiss. ambient temp.	-30-+55 °C
Dimensions	85 x 185 x 70 mm
Weight	265 g

COM-USB

Order No. 04.7860

NEW

USB adapter

- For connecting a PC/laptop to motion detector SOUTDOOR-T
- Micro-B USB jack

SN-3

Order No. 04.7870

NEW

Wall bracket

- For mounting motion detectors SOUTDOOR-L and SOUTDOOR-T
- For pivoting and tilting

EI-208IDW

Order No. 04.7700

NEW

Carbon monoxide detector, with electrochemical sensor, display and AudioLink function.

- For detecting harmful levels of carbon monoxide
- LCD for indicating levels of carbon monoxide (ppm)
- AudioLink function for extracting information from the detector via smartphone
- Automatic self-test function (end-of-life indication)
- Power supply via non-removable 10-year lithium battery
- Integrated piezo alarm: 85 dB(A), distance: 3 m
- Tested and certified according to EN 50270:2006, EN 60335-1:2012 as well as EN50291:2010
- Linking to alarm system JA-100 from JABLOTRON via corresponding modules, available at option
- Supplied with mounting accessories for mounting onto a wall or ceiling

Model	EI-208IDW
Admiss. ambient temp.	-10-+40 °C
Power supply	integrated lithium battery
Dimensions	120 x 105 x 45 mm
Weight	180 g
Other features	built-in siren: 85 dB/3 m

EI-208IW

Order No. 04.7710

NEW

Carbon monoxide detector, with electrochemical sensor and AudioLink function.

- For detecting harmful levels of carbon monoxide
- AudioLink function for extracting information from the detector via smartphone
- Automatic self-test function (end-of-life indication)
- Power supply via non-removable 10-year lithium battery
- Integrated piezo alarm: 85 dB(A), distance: 3 m
- Tested and certified according to EN 50270:2006, EN 60335-1:2012 as well as EN50291:2010
- Linking to alarm system JA-100 from JABLOTRON via corresponding modules, available at option
- Supplied with mounting accessories for mounting onto a wall or ceiling

Model	EI-208IW
Admiss. ambient temp.	-10-+40 °C
Power supply	integrated lithium battery
Dimensions	120 x 105 x 45 mm
Weight	180 g
Other features	built-in siren: 85 dB/3 m

Full specifications can be found on our website www.monacor-international.de.

MSN-1

Order No. 38.8000

LED NEW

LED sensor night light/flashlight

- LED night light with motion sensor and twilight sensor
- Flashlight with 8 LEDs
- Built-in rech. battery, 600 mAh, non-removable
- Operating time of rech. battery: ≥ 8 hours
- Induction charging of flashlight via charging station with 230 V Euro plug
- Emergency lighting function: light switches on automatically in case of power failure

LC-10T/WS

Order No. 38.8050

NEW

Wireless wall dimmer, for controlling unicoloured LED strips.

- LED controller LC-10R is required for operation
- Transmission frequency: 868 MHz
- Brightness control
- On/off button
- White glass front panel
- Power supply via 3 V button cell
- Suitable for flush-mounted sockets, device screw spacing: 60 mm
- Dimensions: 86 x 86 x 41 mm
- Weight: 123 g

Licence-free in the EU.

LEDPR-610/WS

Order No. 05.0238

LED IP20 NEW

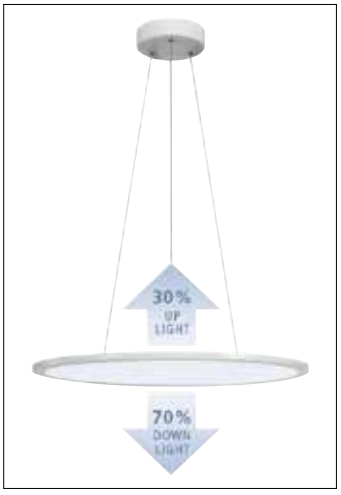
LEDPR-610/WWS

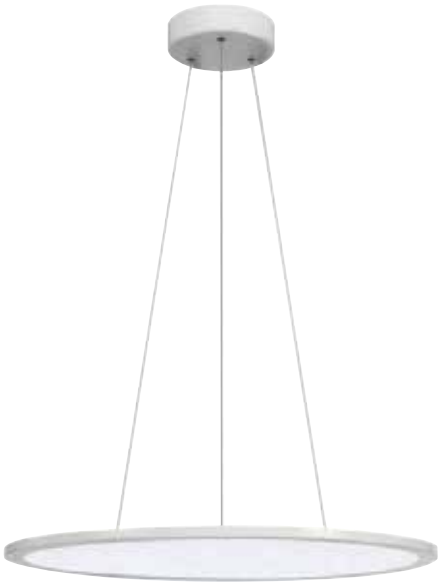
Order No. 05.0239

LED IP20 NEW

LED panels, 50 W, 4,800 lm (WS) or 4,450 lm (WWS)

- Light output upwards (30%) and downwards (70%)
- Super slimline design
- Not dimmable





Model	LEDPR-610/WS	LEDPR-610/WWS
Power rating	50 W	50 W
Luminous colour	white	warm white
Colour temperature	4,000 K	3,000 K
Luminous flux	4,800 lm	4,450 lm
Energy efficiency class	A+	A+
Dimmable	no	no
Radiation angle/Beam angle	110°	110°
Colour rendering index (Ra)	> 80.00	> 80.00
Power supply	~ 230 V/650 mA/26 W	~ 230 V/650 mA/26 W
Power consumption, operation	50 W	50 W
Current consumption	1,050 mA	1,050 mA
Dimensions	Ø 610 mm x 11 mm	Ø 610 mm x 11 mm

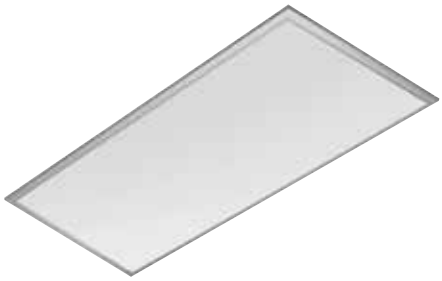
LEDP-1260RGB

Order No. 05.0219

LED panel

- ⎓ 24 V/ 48 W
- 1,195 x 10 x 595 mm
- Surface-mounted frame and flush-mounted frame, mounting set, power supply and controller are available at option
- Aluminium frame

Model	LEDP-1260RGB
Power rating	48 W
Luminous colour	red/green/blue
Luminous intensity	-
Energy efficiency class	A+
Fitted with	216 x SMD 5050 RGB
Dimmable	yes
Radiation angle/Beam angle	120°
Power supply	via optional power supply
Power consumption, operation	48 W
Current consumption	2 A
Dimensions	1,195 x 10 x 295 mm



LEDP-1230RGB

Order No. 05.0218

LED panel

- ⎓ 24 V/ 48 W
- 1,195 x 10 x 295 mm
- Surface-mounted frame and flush-mounted frame, mounting set, power supply and controller are available at option
- Aluminium frame

Model	LEDP-1230RGB
Power rating	48 W
Luminous colour	red/green/blue
Luminous intensity	-
Energy efficiency class	A+
Fitted with	216 x SMD 5050 RGB
Dimmable	yes
Radiation angle/Beam angle	120°
Power supply	via optional power supply
Power consumption, operation	48 W
Current consumption	2 A
Dimensions	1,195 x 10 x 295 mm

LEDP-620RGB

Order No. 05.0217

LED panel

- ⎓ 24 V/ 48 W
- 615 x 10 x 615 mm
- Surface-mounted frame and flush-mounted frame, mounting set, power supply and controller are available at option
- Aluminium frame

Model	LEDP-620RGB
Power rating	48 W
Luminous colour	red/green/blue
Luminous intensity	-
Energy efficiency class	A+
Fitted with	216 x SMD 5050 RGB
Dimmable	yes
Radiation angle/Beam angle	120°
Power supply	via optional power supply
Power consumption, operation	48 W
Current consumption	2 A
Dimensions	615 x 10 x 615 mm

LEDP-600RGB

Order No. 05.0216

LED panel

- ⎓ 24 V/ 48 W
- 595 x 10 x 595 mm
- Surface-mounted frame and flush-mounted frame, mounting set, power supply and controller are available at option
- Aluminium frame

Model	LEDP-600RGB
Power rating	48 W
Luminous colour	red/green/blue
Luminous intensity	-
Energy efficiency class	A+
Fitted with	216 x SMD 5050 RGB
Dimmable	yes
Radiation angle/Beam angle	120°
Power supply	via optional power supply
Power consumption, operation	48 W
Current consumption	2 A
Dimensions	595 x 10 x 595 mm

LEDP-300RGB

Order No. 05.0215

LED panel

- ⎓ 24 V/ 12 W
- 295 x 10 x 295 mm
- Surface-mounted frame and flush-mounted frame, mounting set, power supply and controller are available at option
- Aluminium frame

Model	LEDP-300RGB
Power rating	12 W
Luminous colour	red/green/blue
Luminous intensity	-
Energy efficiency class	A+
Fitted with	48 x SMD 5050 RGB
Dimmable	yes
Radiation angle/Beam angle	120°
Power supply	via optional power supply
Power consumption, operation	12 W
Current consumption	0.5 A
Dimensions	295 x 10 x 295 mm

Full specifications can be found on our website www.monacor-international.de.

LDFS-100/WS

Order No. 05.0235

LED IP65 NEW

LED floodlight, ~ 230 V/100 W

- Suitable for outdoor applications, IP65
- Beam angle: 100°
- Mounting bracket

Model	LDFS-100/WS
Power rating	100 W
Luminous colour	cool white
Colour temperature	5,000 K
Luminous flux	8,300 lm
Energy efficiency class	A+
Dimmable	no
Radiation angle/Beam angle	100°
Colour rendering index (Ra)	> 80
Power supply	~ 230 V/435 mA/100 W
Power consumption, operation	100 W
Current consumption	435 mA
Dimensions	293 x 232 x 41 mm

LDFS-30/WS

Order No. 05.0236

LED IP65 NEW

LED floodlight, ~ 230 V/30 W

- Suitable for outdoor applications, IP65
- Beam angle: 100°
- Mounting bracket

Model	LDFS-30/WS
Power rating	30 W
Luminous colour	cool white
Colour temperature	5,000 K
Luminous flux	2,500 lm
Energy efficiency class	A+
Dimmable	no
Radiation angle/Beam angle	100°
Colour rendering index (Ra)	> 80
Power supply	~ 230 V/130 mA/30 W
Power consumption, operation	30 W
Current consumption	130 mA
Dimensions	217 x 174 x 35 mm

LDFSS-20/WWS

Order No. 05.0237

LED IP65 NEW

LED floodlight, ~ 230 V/20 W

- With motion sensor
- Suitable for outdoor applications, IP65
- Beam angle: 100°
- Mounting bracket

Model	LDFSS-20/WWS
Power rating	20 W
Luminous colour	warm white
Colour temperature	3,000 K
Luminous flux	1,400 lm
Energy efficiency class	A+
Dimmable	no
Radiation angle/Beam angle	100°
Colour rendering index (Ra)	> 80
Power supply	~ 230 V/130 mA/20 W
Power consumption, operation	20 W
Current consumption	87 mA
Dimensions	181 x 148 x 34 mm

LDDA-18/WWS

Order No. 05.0234

LED IP20 NEW

Surface-mounted LED ceiling light, 18 W

- Warm white
- Beam angle: 120°
- Including 230 V LED switch-mode power supply
- Not dimmable

Model	LDDA-18/WWS
Power rating	18 W
Luminous colour	warm white
Colour temperature	3,000 K
Luminous flux	1,350 lm
Energy efficiency class	A+
Fitted with	non-replaceable LED
Dimmable	no
Radiation angle/Beam angle	120°
Colour rendering index (Ra)	> 80
Power supply	~ 230 V/18 W
Energy consumption/1,000 h	20 kWh
Power consumption, operation	18 W
Current consumption	700 mA
Dimensions	Ø 280 mm x 54 mm

LDD-17/NWS

Order No. 02.1560

LED IP44 NEW

LDD-17/WWS

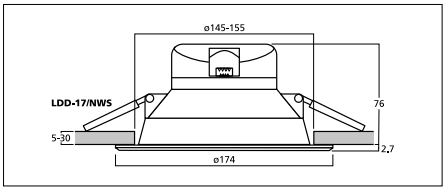
Order No. 02.1561

LED IP44 NEW

LED downlights, 17 W

- Neutral white (NWS) or warm white (WWS)
- Beam angle: 90°
- White aluminium housing with protective front cover (plastic)
- For installation in ceiling cutouts: Ø 145-155 mm
- For a ceiling thickness from 5 to 30 mm
- Quick mounting facility
- Integrated driver
- Can be connected directly to the 230 V mains
- Not dimmable
- Suitable for integrating into lighting systems complying with EN 12464 and EN 12665 (DIN 5035)

Model	LDD-17/NWS	LDD-17/WWS
Power rating	17 W	17 W
Luminous colour	neutral white	warm white
Colour temperature	4,000 K	3,000 K
Luminous flux	1,500 lm	1,280 lm
Dimmable	no	no
Radiation angle/Beam angle	90°	90°
Colour rendering index (Ra)	> 80	> 80
Power supply	~ 230 V/50 Hz/ 130 mA/17 W	~ 230 V/50 Hz/ 130 mA/17 W
Power consumption, operation	17 W	17 W
Current consumption	130 mA	130 mA
Mounting cutout	Ø 150 mm	Ø 150 mm
Mounting depth	76 mm	76 mm
Dimensions	Ø 174 mm x 79 mm	Ø 174 mm x 79 mm



LDD2-14/NWS

Order No. 02.1562

LED IP44 NEW

LDD2-14/WWS

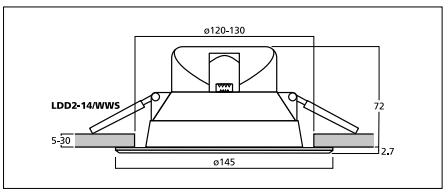
Order No. 02.1563

LED IP44 NEW

LED downlights, 14 W

- Neutral white (NWS) or warm white (WWS)
- Beam angle: 90°
- White aluminium housing with protective front cover (plastic)
- For installation into ceiling cutouts: Ø 120-130 mm
- For a ceiling thickness from 5 to 30 mm
- Quick mounting facility
- Integrated driver
- Can be connected directly to the 230 V mains
- Not dimmable

Model	LDD2-14/NWS	LDD2-14/WWS
Power rating	14 W	14 W
Luminous colour	neutral white	warm white
Colour temperature	4,000 K	3,000 K
Luminous flux	1,220 lm	1,070 lm
Dimmable	no	no
Radiation angle/Beam angle	90°	90°
Colour rendering index (Ra)	> 80	> 80
Power supply	~ 230 V/50 Hz/ 100 mA/14 W	~ 230 V/50 Hz/ 100 mA/14 W
Power consumption, operation	14 W	14 W
Current consumption	100 mA	100 mA
Mounting cutout	Ø 125 mm	Ø 125 mm
Mounting depth	75 mm	75 mm
Dimensions	Ø 145 mm x 75 mm	Ø 145 mm x 75 mm



Full specifications can be found on our website www.monacor-international.de.

LDR5-105/WS
Order No. 02.1566

LDR5-105/WWS
Order No. 02.1567

LED 5W≙ 50W NEW

LED 5W≙ 50W NEW

SMD LED reflector lamps, GU10, ~ 230 V/5 W

- Available in white (WS) or warm white (WWS)
- Beam angle: 38°
- High luminous efficiency, thus perfectly suitable as a replacement for standard halogen reflector lamps
- For downlight applications
- Plastic housing
- Not dimmable

Model	LDR5-105/WS	LDR5-105/WWS
Power rating	5 W	5 W
Luminous colour	white	warm white
Colour temperature	5,000 K	3,000 K
Luminous flux	370 lm	345 lm
Energy efficiency class	A+	A+
Fitted with	SMD	SMD
Dimmable	no	no
Rad. angle/Beam angle	38°	38°
Col. rendering index (Ra)	> 80	> 80
Base	GU10	GU10
Power supply	~ 230 V/43 mA/5 W	~ 230 V/44 mA/5 W
Energy consump./1,000 h	5 kWh	5 kWh
Power consumption, operation	5 W	5 W
Current consumption	43 mA	44 mA
Dimensions	Ø 50 mm x 54 mm	Ø 50 mm x 54 mm

LDR5-106D/WS
Order No. 02.1564

LDR5-106D/WWS
Order No. 02.1565

LED 6.2W≙ 52W NEW

LED 6.2W≙ 52W NEW

COB LED reflector lamps, GU10, ~ 230 V/6.2 W

- Available in white (WS) or warm white (WWS)
- Beam angle: 38°
- Continuously dimmable

Model	LDR5-106D/WS	LDR5-106D/WWS
Power rating	6.2 W	6.2 W
Luminous colour	cool white	warm white
Colour temperature	5,000 K	3,000 K
Luminous flux	480 lm	450 lm
Energy efficiency class	A+	A+
Fitted with	COB	COB
Dimmable	yes	yes
Rad. angle/Beam angle	38°	38°
Col. rendering index (Ra)	> 80	> 80
Base	GU10	GU10
Power supply	~ 230 V/55 mA/6.2 W	~ 230 V/55 mA/6.2 W
Energy consump./1,000 h	7 kWh	7 kWh
Power consumption, operation	6.2 W	6.2 W
Current consumption	55 mA	55 mA
Dimensions	Ø 50 mm x 54 mm	Ø 50 mm x 54 mm

LDB-2714/WWS
Order No. 02.1620

LED 14W≙ 100W NEW

LED lamp, E27, ~ 230 V/14 W

- As an energy-saving replacement for standard incandescent lamps
- Not dimmable

Model	LDB-2714/WWS
Power rating	14 W
Luminous colour	warm white
Colour temperature	2,700 K
Luminous flux	1,521 lm
Energy efficiency class	A+
Dimmable	no
Radiation angle/Beam angle	240°
Colour rendering index (Ra)	> 80
Base	E27
Power supply	~ 230 V/50 Hz/14 W
Energy consumption/1,000 h	14 kWh
Power consumption, operation	14 W
Current consumption	107 mA
Dimensions	Ø 60 mm x 116 mm

HLE-228/CRM
Order No. 05.0714

Flush-mounted light/mounting frame

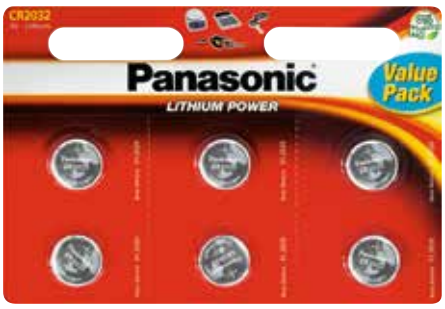
- Ceiling cutout: Ø 68 mm
- Outside diameter: Ø 83 mm
- Tiltable: 20°
- Diecast light, mat chromium-plated
- For cold light reflectors, MR16: Ø 50 mm, GU5.3, 50 W max.
- Supplied w/o lamp

CR-2032/6

Order No. 28.1320

6 x Panasonic NEW

Lithium battery from PANASONIC
- Button cell, 6 pcs.



Model	CR-2032/6
Rated voltage	3 V
Type	button cell
IEC	CR2032
Capacity	210 mAh
Technology	lithium-manganese dioxide
Quantity	6
Dimensions	Ø 20 mm x 3.2 mm
Weight	26 g

CLEANUP

Order No. 22.1320

NEW 30 ml

Cleaning spray, for ear plugs and in-ear monitoring earphones.
- Cleans, disinfects and protects
- Gentle on sensitive surfaces
- Very economical
- 30 ml

ODP-77XLR/J

Order No. 05.0208

NEW

DMX adapter cable, for connecting the DMX output of an outdoor LED spotlight (e.g. ODC-100/..., ODP-..., ODW-2410RGBW) to the XLR DMX input of an indoor LED effect unit.

- Fitted with a screwable 3-pole plug and 3-pole XLR inline jack
- Cable specification: H05RN-F2 x 0.75mm^2
- Length: 77 cm

ODP-77XLR/P

Order No. 05.0209

NEW

DMX adapter cable, for connecting the DMX input of an outdoor LED spotlight (e.g. ODC-100/..., ODP-..., ODW-2410RGBW) to the XLR DMX output of an indoor LED light effect unit.

- Fitted with a screwable 3-pole inline jack and 3-pole XLR plug
- Cable specification: H05RN-F2 x 0.75mm^2
- Length: 77 cm

AAC-500IEC

Order No. 05.0112

5 m NEW

Mains cable
- 3-pin IEC inline jack with IEC LOCK
- Cable specification: H05VV-F3G x 1mm^2

Full specifications can be found on our website www.monacor-international.de.

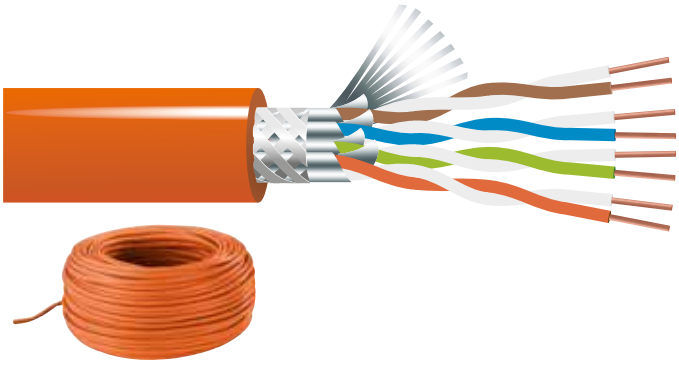
CAT-7100A

Order No. 06.8900

100 m NEW

Cat. 7_A installation cable, multiple shielding, S/FTP

- 100 m, shrink-wrapped coil
- 10 Gbps, 1,000 MHz
- Conductor pairs in metal foil (PiMF) and according to EIA/TIA 568
- Overall braided shield
- Cable specification: 4x2xAWG 23
- Outside diameter: Ø 7.50 mm



RF-1700NFA

Order No. 06.8920

NEW

Loop near field antenna, for RF spectrum analyser RF-EXPLORER/3, RF-EXPLORER/6 and RF signal generator RF-GENERATOR1.

- Frequency range: 1 MHz to 7 GHz
- SMA connection

RF-2400DA

Order No. 06.8930

NEW

Directional antenna, for RF spectrum analyser RF-EXPLORER/3, RF-EXPLORER/6 and RF signal generator RF-GENERATOR1.

- Frequency range: 2.4 GHz
- SMA connection

RF-2458CL

Order No. 06.8940

NEW

Cloverleaf antenna, for RF spectrum analyser RF-EXPLORER/3, RF-EXPLORER/6 and RF signal generator RF-GENERATOR1.

- Frequency range: 2.4 GHz, 5.8 GHz
- SMA connection

RF-5800DA

Order No. 06.8950

NEW

Directional antenna, for RF spectrum analyser RF-EXPLORER/3, RF-EXPLORER/6 and RF signal generator RF-GENERATOR1.

- Frequency range: 5.8 GHz
- SMA connection

SMA-10DB

Order No. 06.8960

NEW

10 dB attenuator, 2 W, for RF spectrum analyser RF-EXPLORER/3, RF-EXPLORER/6 and RF signal generator RF-GENERATOR1.

- Frequency range: 6 GHz
- SMA connection

SMA-30DB

Order No. 06.8970

NEW

30 dB attenuator, 2 W, for RF spectrum analyser RF-EXPLORER/3, RF-EXPLORER/6 and RF signal generator RF-GENERATOR1.

- Frequency range: 6 GHz
- SMA connection

SMA-60DB

Order No. 06.8980

NEW

60 dB attenuator, 2 W, for RF spectrum analyser RF-EXPLORER/3, RF-EXPLORER/6 and RF signal generator RF-GENERATOR1.

- Frequency range: 6 GHz
- SMA connection

CPC-22/3

Order No. 14.0030

NEW

Plug-in connector strip, on the basis of luster terminals.

- 3 pairs of contacts, 2 poles each
- Screw clamping connections with connector caps
- For cables up to Ø 3 mm^2
- Suitable for 400 V and 16 A

MONACOR INTERNATIONAL

TOUCH THE WORLD NEWS 1/2017

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