



THE AUDIO COMPANY

PROFESSIONAL AUDIO SYSTEMS

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WDC-903M Dante®

Digital wireless conference system, with Dante® connection.

- LoRa protocol with low latency for two-way communication
- With interference protection, which sufficiently suppresses interferences caused by computers, mobile phones and wireless Bluetooth devices nearby
- Carrier frequency: 522-554 MHz
- Sampling rate: 48 kHz/24 bits



WDC-903C

Desktop microphone station transmitter for the chairperson

- Carrier frequency: 522-651 MHz
- LoRa protocol with low latency for two-way communication
- Audio transmission via UHF frequency band
- Wireless use thanks to rechargeable lithium-ion battery



WDC-903D

Desktop microphone station transmitter for conference delegates

- Carrier frequency: 522-651 MHz
- LoRa protocol with low latency for two-way communication
- Audio transmission via UHF frequency band
- Wireless use thanks to rechargeable lithium-ion battery



GF-901

Gooseneck condenser microphone, for desktop microphone station transmitters.

- Balanced connection
- Supercardioid polar pattern
- LED for indicating operating status
- FI protection technology for suppressing external RF interference
- 3-pole XLR connection



GF-923

Desktop condenser microphone station

- Balanced connection
- Supercardioid polar pattern
- 3-pole XLR connection



MIXX12-D Dante®

Digital audio mixer, with Dante® interface.

- 12 analogue inputs, 6 analogue outputs (2 x main, 4 x aux)
- 4 Dante® inputs, 4 Dante® outputs
- With Dante® upgrade card for integrating device into any existing Dante® network
- State-of-the-art control technology possible via app



UR-2Q



4-channel diversity UHF PLL wideband receiver, with Dante® audio output.

- Carrier frequency: 470-600 MHz
- Bandwidth: 130 MHz
- SYNC function for synchronising receiver with transmitter
- Auto-scan function (AFS)
- 6 different audio equalizers (Magic EQ)



UH-2

Dynamic hand-held UHF PLL transmitter

- Carrier frequency: 470-600 MHz
- Adjustable sensitivity
- Switchable transmitting power
- OLED indication for frequency, group, channel and battery status
- Ergonomic switch
- Metal housing



UT-2

UHF PLL pocket transmitter

- Carrier frequency: 470-600 MHz
- Sensitivity to be adjusted in 3 steps
- Switchable transmitting power
- OLED status indication for frequency, group, channel and battery status
- Suitable for combination with headband microphones and lavalier microphones with 4-pole mini XLR connection



R-20P

Power supply, for antennas and antenna boosters.

- Output: $\approx 8\text{ V}/300\text{ mA}$ for external antenna system
- Robust, lightweight aluminium alloy housing
- Power is supplied via power supply 12 V/1 A
- BNC connections



R-20A

Antenna booster

- Frequency range: 450-950 MHz
- Higher gain for receiving antennas
- Provides an effective and reliable signal
- Reduces susceptibility to signal failure under difficult RF conditions
- Compact housing, lightweight version



R-20U

Wideband directional antenna

- Improving signal reception for wireless UHF microphone systems in the frequency range: 470-600 MHz
- ABS housing for UV resistance
- Ideally suited for directional reception or transmission indoors or outdoors
- Can be combined with antenna booster R-20A
- BNC connections



DRM-44

Bi-directional analogue/ Dante® bridge

- 4 balanced analogue inputs and 4 balanced analogue outputs via network (Dante®/AES67) for fixed installations
- Built-in DSP audio processing on all channels: parametric EQs, compressors, delays, etc.
- 8x8 audio matrix for flexible routing and premixing between inputs and outputs
- Web server with graphical interface for easy configuration and control via network devices
- Very high audio quality: signal-to-noise ratio >120 dB, distortion factor < 0.003 %
- GPI/GPO connections (inputs/outputs) for controlling external devices or recording control inputs (e.g. buttons, sensors, alarm systems)



- Flexible power supply: via included power supply unit (=24 V) or via PoE (Power over Ethernet)
- 241 mm housing (1/2 19") for rack mounting (supplied with rack bracket)

DADC-144DT

4-channel Dante® transceiver

- 4 analogue XLR audio inputs
- 4 analogue XLR audio outputs
- 4-channel Dante® input/output (EtherCon/RJ45)
- Analogue input and output levels can be adjusted individually via recessed potentiometers
- 48 V phantom power can be activated as required for each analogue input

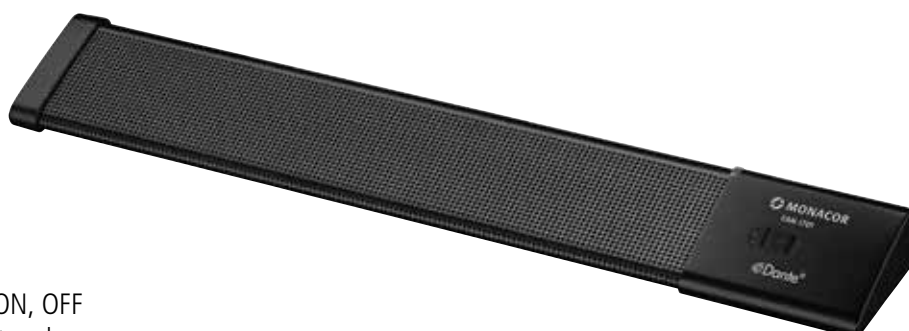


- Dante® sources and Dante® receiver can be combined via software
- Encoding/decoding: 16/24/32 bits
- Sampling rates: 44.1/48/88.2/96 kHz
- Frequency range: 20-20,000 Hz

EAM-17DT

PA desktop microphone (push-to-talk) with integrated Dante® module

- Back electret (array with 17 cartridges)
- Supercardioid polar pattern
- Silent electronic push-button
- Selectable operating modes: PTM, PTT, ON, OFF
- RJ45 jack for connection to a Dante® network
- Power supply via PoE (Power over Ethernet)



ADP-DAI-1X0

Dante® AVIO analogue input adapter (1-channel)

- For connecting analogue audio line level devices (e.g. mixer) to a Dante® audio network
- Adjustable signal level: +24/+4/0 dBu, 0/-10 dBV (via Dante® controller)
- Frequency range: 20-20,000 Hz



- Impedance: 20 kΩ (bal.), 10 kΩ (unbal.)
- Dynamic range: > 100 dB
- S/N ratio: > 100 dB
- THD: < 0.01%
- Sampling rates: 44.1/48/96 kHz, 24 bits
- Connections: 1 x RJ45, 1 x XLR inline jack



ADP-DAI-2X0

Dante® AVIO analogue input adapter (2-channel)

- For connecting analogue audio line level devices (e.g. mixer) to a Dante® audio network
- Adjustable signal level: +24/+4/0 dBu, 0/-10 dBV (via Dante® controller)
- Frequency range: 20-20,000 Hz



- Impedance: 20 kΩ (bal.), 10 kΩ (unbal.)
- Dynamic range: > 100 dB
- S/N ratio: > 100 dB
- THD: < 0.01%
- Sampling rates: 44.1/48/96 kHz, 24 bits
- Connections: 1 x RJ45, 2 x XLR inline jack



ADP-DAO-0X1

Dante® analogue output adapter (1-channel)

- For connecting analogue audio line level devices (e.g. active speakers) to a Dante® audio network
- Adjustable signal level: +18/+4/0 dBu, 0/-10 dBV (via Dante® controller)
- Frequency range: 20-20,000 Hz



- Impedance: 150 kΩ (bal.), 75 kΩ (unbal.)
- Dynamic range: > 100 dB
- S/N ratio: > 100 dB
- THD: < 0.01%
- Sampling rates: 44.1/48/96 kHz, 24 bits
- Connections: 1 x RJ45, 1 x XLR plug



ADP-DAO-0X2

Dante® analogue output adapter (2-channel)

- For connecting analogue audio line level devices (e.g. active speakers) to a Dante® audio network
- Adjustable signal level: +18/+4/0 dBu, 0/-10 dBV (via Dante® controller)
- Frequency range: 20-20,000 Hz



- Impedance: 150 kΩ (bal.), 75 kΩ (unbal.)
- Dynamic range: > 100 dB
- S/N ratio: > 100 dB
- THD: < 0.01%
- Sampling rates: 44.1/48/96 kHz, 24 bits
- Connections: 1 x RJ45, 2 x XLR plug



ADP-AES3-2X2



Dante® AVIO AES3/EBU adapter

- For connecting analogue devices with AES3/EBU interface to a Dante® audio network
- Impedance: 110 Ω (bal.)
- S/N ratio: > 135 dB
- Sampling rates: 44.1/48/96 kHz, 24 bits
- Connections: 1 x RJ45, 1 x XLR plug, 1 x XLR inline jack



ADP-USB-2X2



Dante® AVIO USB adapter

- For connecting a computer to a Dante® audio network
- ADP-USBC-2X2 + USB-A-30AC (adapter from USB Type-C to USB Type-A)
- 2-channel recording/play
- Sampling rates: 48 kHz, 24 bits

- Compatible with Windows, Mac OS, iOS and Android devices, no driver required
- Connections: 1 x RJ45, 1 x USB Type-A



ADP-USBC-2X2



Dante® AVIO USB adapter

- For connecting a computer or a mobile device to a Dante® audio network
- 2-channel recording/play
- Sampling rates: 48 kHz, 24 bits

- Compatible with Windows, Mac OS, iOS and Android devices, no driver required
- Connections: 1 x RJ45, 1 x USB Type-C™



ADP-BT-AU-2X1



Dante® AVIO Bluetooth adapter

- For connecting a Bluetooth device to a Dante® audio network
- 2-channel recording/play
- Sampling rates: 48 kHz, 24 bits
- Bluetooth version: 5.0 A2DP (AptX, AAC) and HFP

- Compatible with Windows, Mac OS, iOS and Android devices, no driver required
- Connections: 1 x RJ45



AVIO-A-2IN-EB

Dante® AVIO analogue input adapter (2-channel)

- Euroblock inputs for simple and secure hardwiring
- Dante® network connection (RJ45), compatible with Dante® and AES67
- PoE power supply (802.3af Class 1), no separate power supply unit required



- Adjustable input level: +4/0 dBu/0/-10 dBV (via Dante® controller)
- Frequency range 20-20,000 Hz
- Impedance 20 kΩ (bal.), 10 kΩ (unbal.)
- Sample rate 44.1/48/96 kHz, 16/24/32 Bit



AVIO-A-2OUT-EB

Dante® AVIO analogue output adapter (2-channel)

- Euroblock outputs for fast and secure hardwiring
- Compatible with Dante®, automatic network detection, plug-and-play
- PoE power supply (802.3af Class 1), no separate power supply unit required



- Adjustable output level: +4/0 dBu/0/-10 dBV (via Dante® controller)
- Frequency range 20-20,000 Hz
- Impedance 20 kΩ (bal.), 10 kΩ (unbal.)
- Sample rate 44.1/48/96 kHz, 16/24/32 Bit



EDL-80DT

Active 2-way flush-mount ceiling speaker, with integrated Dante® module.

- 30 W amplifier
- 20 cm (8") bass speaker with glass fibre cone, 2.5 cm (1") dome tweeter
- Decoding: 16/24/32 bits
- Sampling rates: 44.1/48/88.2/96 kHz
- Power supply via PoE (Power over Ethernet)



- Power consumption during booting up to 75 W
- For a ceiling thickness up to 4 cm
- Mounting cutout: Ø 240 mm
- Mounting depth: 225 mm incl. space requirement for network connection



WALL-05DTM/WS

Active speaker with integrated Dante® module

- 2-way system
- 13 cm (5") bass-midrange speaker and 13 mm (½") tweeter
- Mounting bracket for pivoting and tilting
- Power supply via PoE+ (Power over Ethernet) or via optional power supply (19 V/2.5 A)



DX Amplifier Series powered by PASCAL

PA-4125DX/DT



Dante®-enabled 4-zone multifunctional amplifier class D technology with DSP

- Dante® interface (4 transmission channels, 4 receiver channels)
- 4 x 125 W per zone (4/8 Ω) or 2 x 250 W (100 V)
- 100 V or 4/8 Ω operation
- 4 analogue inputs mic/line via plug-in screw terminal (bal.) or RCA jacks
- 1 digital input/output via S/PDIF RCA jacks
- 4 outputs (4/8 Ω) or 2 zone outputs (100 V) via plug-in screw terminal
- GPIO interface for remote volume control and standby
- Network connection via LAN or WLAN
- Convenient operation and configuration via user interface HTML5
- High-pass/low-pass filter with various filters
- Parametric equalizer



PASCAL

- Output with separate FIR filters
- Speaker matching: 10 ms
- Switchable output phase
- Adjustable compressor/limiter
- Adjustable delay
- Mix inputs
- Talkover with priority routing
- Built-in sine wave noise generator
- Parametric 5-band equalizer for input
- Protected against short circuit, DC voltage overload, undervoltage, excess temperature and overload

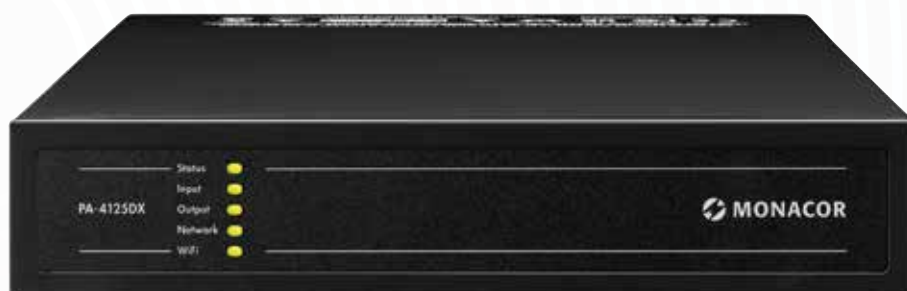


DX Amplifier Series powered by PASCAL

PA-4125DX

4-zone multifunctional amplifier,
class D technology with DSP

- 4 x 125 W per zone (4/8 Ω) or 2 x 250 W (100 V)
- 100 V or 4/8 Ω operation
- 4 analogue inputs mic/line via plug-in screw terminal (bal.) or RCA jacks
- 1 digital input/output via S/PDIF RCA jacks
- 4 outputs (4/8 Ω) or 2 zone outputs (100 V) via plug-in screw terminal
- GPIO interface for remote volume control and standby
- Network connection via LAN or WLAN



- Convenient operation and configuration via user interface HTML5
- High-pass/low-pass filter with various filters
- Parametric equalizer
- Output with separate FIR filters



PASCAL

PA-4500DX

4-zone multifunctional amplifier
class D technology with DSP

- 4 x 500 W (4 Ω), 4 x 400 W (8 Ω) or 2 x 1,000 W (100 V)
- 100 V or 4/8 Ω operation
- 4 analogue inputs mic/line via plug-in screw terminal (bal.) or RCA jacks
- 1 digital input/output via S/PDIF RCA jacks
- 4 outputs (4/8 Ω) or 2 zone outputs (100 V) via plug-in screw terminal
- GPIO interface for remote volume control and standby
- Network connection via LAN or WLAN



- Convenient operation and configuration via user interface HTML5
- High-pass/low-pass filter with various filters
- Parametric equalizer
- Output with separate FIR filters



PASCAL

PA-8125DX

8-zone multifunctional amplifier
class D technology with DSP

- 8 x 125 W (4/8 Ω) or 4 x 250 W (100 V)
- 100 V or 4/8 Ω operation
- 8 analogue inputs mic/line via plug-in screw terminal (bal.) or RCA jacks
- 1 digital input/output via S/PDIF RCA jacks
- 8 outputs (4/8 Ω) or 2 zone outputs (100 V) via plug-in screw terminal
- GPIO interface for remote volume control and standby
- Network connection via LAN or WLAN



- Convenient operation and configuration via user interface HTML5
- High-pass/low-pass filter with various filters
- Parametric equalizer
- Output with separate FIR filters



PASCAL

PA-12040

4-zone-matrix mixing amplifier,
120 W per zone,

- 100 V and 4/8 Ω operation
- Perfect utilisation of the capacity and reliable protection of connected speakers due to an integrated limiter
- 3 inputs microphone/line via comb. jacks
- Each input channel with gain control, 2-way tone control, channel mute switch and zone routing switch
- 2 inputs line stereo via RCA jacks
- Microphone inputs with 46 V phantom power



PA-4040

4-zone matrix mixing amplifier, 40 W
per zone

- 100 V and 4/8 Ω operation
- Perfect utilisation of the capacity and reliable protection of connected speakers due to an integrated limiter
- 3 inputs microphone/line via comb. jacks
- Each input channel with gain control, 2-way tone control, channel mute switch and routing switch for zones
- 2 inputs line stereo via RCA jacks
- Microphone inputs with +15 V phantom power, individually switchable



PA-1240

5-zone mono PA mixing amplifier

- 1 x 240 W
- 5 zones, can be controlled individually
- Chime, continuous sound and wailing sound, automatic mute, 2-tone chime or 4-tone chime (selectable)
- Bass, treble and master controls, level display via LEDs, regulated fan
- 17 V phantom power for electret microphones
- Connection for zone paging or push-to-talk microphone



PA-812DAP

PA-806DAP

PA-803DAP

Mono class D PA mixing amplifier,
with MP3 player, FM/DAB+ and Bluetooth

- 1 x 120 W (PA-812DAP), 1 x 60 W (PA-806DAP) or 1 x 30 W (PA-803DAP)
- Class D concept with high efficiency to cut energy costs
- Silent operation due to fanless cooling concept
- Bluetooth version 4.2
- MP3 player with USB/SD interface, FM/DAB+ radio, LED display



WAP-204RS

Internet radio, FM RDS and DAB+ tuner, MP3 player

- Bluetooth interface
- Network connection via LAN jack or WLAN
- Access to more than 20,000 radio stations worldwide
- Station scan by genre, station name, location
- FM RDS reception function
- Reception of interference-free 'digital radio' (DAB+)
- USB host input for directly playing MP3 files
- Easy operation via jog dial
- Large illuminated matrix display
- Equalizer with factory presets and user presets
- Shuffle play and repeat folder via USB
- Summer time/winter time selection
- Sleep timer and alarm clock function with snooze
- Can be remote-controlled via infrared remote control, RS-232 interface or UNDOK™ app
- Aux input on the front panel (3.5 mm stereo jack)
- Headphone output (3.5 mm stereo jack)
- 75 Ω FM antenna input, coaxial
- RP-SMA antenna connection
- RS-232 interface
- Supplied with infrared remote control, rod antennas and FM wire antenna
- 482 mm (19") rack installation, 1 RU, removable mounting brackets



CD-114/BT

CD and MP3 player, with Bluetooth receiver, USB port and SD card slot.

- Bluetooth receiver for wireless connection of laptops, smartphones or tablet PCs
- USB storage media can be connected directly
- For SD cards (SD/SDHC/SDXC) up to 128 GB (FAT16/FAT32), not included in the scope of delivery
- Anti-shock system
- Supports ID3 tags
- Autoplay function
- Pitch control function for CD, SD and USB
- Fast forward and rewind
- Track programming, 10 tracks possible
- Repeat function (repeat 1, repeat all, repeat folder)
- Hot key feature
- Supplied with infrared remote control
- Aux input, 3.5 mm stereo jack
- RS-232 interface
- 230 V mains connection and additional 24 V connection
- 482 mm (19") rack installation, 1 RU
- Audio CD/CD-R/CD-RW/MP3 CD, MP3/WMA/CDDA



EDL-42HQ

PA hi-fi wall and ceiling speaker, 15 W

- 100 V transmission technology or 8 Ω operation
- Power taps: 100 V (8/4/2/1 W)
- 2-way version with coaxial dome tweeter
- 10 cm (4") bass speaker with waveguide and 20 mm (3/4") silk dome

- Excellent sound characteristics
- Supplied with 2 stylish protective metal grilles for an individual look
- Protective grille to be magnetically attached
- For a wall thickness/ceiling thickness from 8 to 30 mm



EDL-62HQ

PA hi-fi wall and ceiling speaker, 30 W

- 100 V transmission technology or 8 Ω operation
- 2-way version with coaxial dome tweeter
- 16 cm (6½") bass speaker with waveguide and 25 mm (1") silk dome
- Pivoting tweeter via ball joint

- 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



EDL-82HQ

PA hi-fi wall and ceiling speaker, 30 W

- 100 V transmission technology or 8 Ω operation
- 2-way version with coaxial dome tweeter
- 20 cm (8") bass speaker with waveguide and 25 mm (1") silk dome
- Pivoting tweeter via ball joint

- 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



EDL-606

PA ceiling speaker

- 100 V transmission technology via audio transformer with 3 power taps 6/3/1.5 W
- For a ceiling thickness from 5 to 22 mm
- Type 165 full range speaker

- A more powerful reproduction of the range of fundamental notes
- Robust metal version (basket and protective grille)



Speakers

WALL-04T/SW WALL-04T/WS

Pairs of 2-way PA speaker systems

- 100 V wall speaker with plastic cabinet in white (WS) or black (SW)
- 4 power taps as well as switchable to 8 Ω operation
- 10 cm (4") bass-midrange speaker and 12 mm ($\frac{1}{2}$ ") dome tweeter

- High sound quality and speech intelligibility
- Mounting bracket for pivoting and tilting
- Connecting terminal with cover



WALL-05T/SW WALL-05T/WS

Pairs of 2-way PA speaker systems

- Wall speaker with plastic cabinet in white (WS) or black (SW)
- 4 power taps as well as switchable to 8 Ω operation
- 13 cm (5") bass-midrange speaker and 12 mm ($\frac{1}{2}$ ") dome tweeter

- High sound quality and speech intelligibility
- Mounting bracket for pivoting and tilting
- Connecting terminal with cover



WALL-06T/SW WALL-06T/WS

Pairs of 2-way PA speaker systems

- 100 V wall speaker with plastic cabinet in white (WS) or black (SW)
- 4 power taps as well as switchable to 8 Ω operation
- 16 cm (6") bass-midrange speaker and 25 mm (1") dome tweeter

- High sound quality and speech intelligibility
- Mounting bracket for pivoting and tilting
- Connecting terminal with cover



WALL-08T/SW WALL-08T/WS

Pair of 2-way PA speaker systems

- 100 V wall speaker with plastic cabinet in white (WS) or black (SW)
- 4 power taps as well as switchable to 8 Ω operation
- 20 cm (8") bass-midrange speaker and 25 mm (1") dome tweeter

- High sound quality and speech intelligibility
- Mounting bracket for pivoting and tilting
- Connecting terminal with cover



WALL-05SET/WS

Active 2-way stereo speaker system, 2 x 30 W

- Set consists of one active and one passive speaker system. Connection of the passive system to the active system via screw terminal strip
- Active speaker system with integrated 2-channel amplifier
- Stereo RCA input or balanced input L/R via screw terminal strip

- Volume control and 2-way tone control
- Auto standby
- 13 cm (5") bass speaker system and dome tweeter
- Mounting bracket for pivoting and tilting



WALL-06SET/WS

Active 2-way stereo speaker system, 2 x 30 W

- Set consists of one active and one passive speaker system. Connection of the passive system to the active system via screw terminal strip
- Active speaker system with integrated 2-channel amplifier
- Stereo RCA input or balanced input L/R via screw terminal strip

- Volume control and 2-way tone control
- Auto standby
- Built-in power supply with 3-pole IEC jack
- 16 cm (6") bass speaker system and dome tweeter
- Mounting bracket for pivoting and tilting



FLAT-M100

Active PA stage monitor speaker system, 200 W

- Flat and very compact full range system
- Fitted with 2 x 10 cm (FaitalPRO, 2 x 4") full range speaker with neodymium magnets
- Class D amplifier system
- Sound pressure at nominal power: 116 dB

- Indication of signal and limiter
- Volume control and tone control
- Balanced line/mic input and feed-through output
- High-quality multiplex wooden cabinet with protective metal grille
- 2 x M10 and 2 x M6 threaded inserts for stand adapter or mounting device
- Supplied with clamp for mounting, e.g. onto a microphone stand



FLAT-M200

Active PA stage monitor speaker system, 300 W

- Flat and very compact full range system
- Fitted with 4 x 10 cm (FaitalPRO, 4 x 4") full range speaker with neodymium magnets
- Class D amplifier system
- Sound pressure at nominal power: 122 dB

- Indication of signal and limiter
- Volume control and tone control
- Balanced line/mic input and feed-through output
- High-quality multiplex wooden cabinet with protective metal grille
- 2 x M10 and 2 x M6 threaded inserts for stand adapter or mounting device
- Supplied with clamp for mounting, e.g. onto a microphone stand



Speakers

EDL-412/SW EDL-412/WS

Weatherproof PA ball speaker

- 100 V transmission technology or 8 Ω operation
- Black (SW) or white (WS) ABS housing, self-extinguishing, complies with standard UL 94V-0
- Supplied with 480 cm connection cable with canopy



EDL-530EN/SW EDL-530EN/WS

High-quality PA pendant speaker, with EN 54-24 certification.

- 100 V transmission technology or 8 Ω operation
- 2-way coaxial system (5.25")
- UV-resistant ABS housing in black (SW) or white (WS) with aluminium grille
- Excellent sound quality for speech and music
- 5 m safety rope
- Plug-in screw terminal



IT-400TW

Weatherproof horn speaker (music horn), 2-way technology

- 100 V transmission technology with very high tapping power
- Weatherproof and IP66 certified
- Very wideband sound with a distinct bass volume, even at very high volume levels
- 16 cm bass-midrange speaker and 25 mm (1") horn
- Robust plastic housing
- Supplied with mounting bracket and screws made of stainless steel



IT-250TW

Weatherproof horn speaker (music horn), 2-way technology

- 100 V transmission technology or 8 Ω operation
- IP66 certified
- High-performance music horn at an attractive price
- 16 cm bass-midrange speaker and 25 mm (1") horn
- ABS plastic housing
- Supplied with mounting bracket



IT-100TW

Weatherproof horn speaker (music horn), 2-way technology

- 100 V transmission technology
- Weatherproof and IP66 certified
- Wideband sound with a distinct bass volume
- 13 cm bass-midrange speaker and 25 mm (1") horn
- Suitable for indoor and outdoor applications
- Robust plastic housing of very low resonance
- Supplied with stainless steel mounting bracket
- 4 power taps, connection via screw terminals



IT-40

Weatherproof horn speaker

- 100 V transmission technology
- Weatherproof and IP66 tested
- Protected against powerful water jets
- Suitable for general indoor and outdoor applications
- Robust plastic housing
- Mounting bracket and screws made of stainless steel
- 5-step power selector switch



IT-130

Weatherproof horn speaker

- 100 V transmission technology
- Weatherproof and IP66 tested
- Protected against powerful water jets
- Power selector switch
- For open-air events, industrial use, in workshops



IT-110

Horn speaker

- 100 V transmission technology
- Weatherproof and IP66 tested
- Protected against powerful water jets
- Power selector switch
- For open-air events, industrial use, in workshops



TR-6

Weatherproof horn speaker

- 100 V transmission technology
- 100 V transformer with power taps on the cable 6/3/1.5 W
- Integrated high-pass filter for sound and stability optimisation
- Universally suitable for indoor and outdoor use
- IP54 certified

- White ABS housing (self-extinguishing, complies with UL94V0 standard)
- Connection via 4-core cable (length 1.5 m)
- Mounting bracket included



TR-3

Compact pressure chamber loudspeaker for voice and alarm applications

- 100 volt transmission technology
- 100 V transformer with power taps on the 6/3/1.5 W cable
- Very high characteristic sound pressure (100 dB/1 W/1 m)
- IP69k-tested, suitable for use in trains, fire engines and call stations

- Light grey PC/ABS housing (self-extinguishing, complies with UL94V0 standard)
- Connection via 4-core cable (length 0.6 m)
- Mounting bracket included



TR-3-4

Compact weatherproof horn speaker, 4 Ω , for speech and alarm applications

- Very high sound pressure (100 dB/1 W/1 m)
- IP69k certified, suitable for use in trains, fire engines and call stations
- Light grey PC/ABS housing (self-extinguishing, complies with UL94V0 standard)

- Connection via 2-core cable (length 0.6 m)
- Mounting bracket included



MTR-50

Weatherproof 2-way horn speaker (music horn)

- 100 V transmission technology or 8 Ω operation
- High sound pressure and linear frequency response
- 16 cm bass-midrange speaker and horn tweeter for supreme music and speech transmissions

- Plastic housing
- Supplied with mounting brackets



TR-15-T TR-30-T

Weatherproof horn speaker

- 100 V transmission technology
- 100 V transformer with power taps 15/7,5/3,75 W (TR-15-T) or 30/15/7,5 W (TR-30-T)
- Integrated high-pass filter for sound and stability optimisation
- Suitable for use in road tunnels and poorly ventilated car parks
- Resistant to exhaust gases (diesel, petrol), de-icing salts (NaCl, CaCl), alkaline water (concrete/corrosion), road dust and vibration from traffic
- IP66 certified



RL-2

PA sound projector for wall and ceiling mounting

- 100 V transmission technology
- Full range speaker (13 cm) with high sound pressure and an excellent frequency range
- 100 V transformer with power taps on the cable (length: 1.5 m)
- White aluminium housing with front protective grille
- Connection via 4-core cable (length: 1,5 m)
- Supplied with pan/tilt bracket and mounting materials



RL-5

PA pendant sound projector for ceiling mounting

- 100 V transmission technology
- Full-range speaker (13 cm) with high sound pressure and very good transmission range
- 100 V transformer with power taps on the 6/3/1.5 W cable
- Silver-coloured aluminium housing with protective grille
- Connection via 4-core cable (length 3 m)
- Canopy included in the scope of delivery



RL-7 RL-8

PA sound projector, dipole, for wall and ceiling mounting.

- 100 V transmission technology
- 2 x full range speakers (13 cm) for bi-directional radiation
- 100 V transformer with power taps on the cable 12/6/3 W
- Silver-coloured (RL-7) or white (RL-8) aluminium housing with front protective grille
- Connection via 4-core cable (length: 1.5 m)
- Supplied with mounting bracket



RL-9 RL-12

PA sound projector, for wall and ceiling mounting.

- 100 V transmission technology
- 2-way speaker system (13 cm) with high sound pressure and an excellent frequency range
- 100 V transformer with power taps on the cable 15/7.5/3.75 W
- Silver-coloured (RL-9) or white (RL-12) aluminium housing with front protective grille
- Connection via 4-core cable (length: 1.5 m)
- Supplied with pan/tilt bracket and mounting material



RL-14

PA pendant sound projector for ceiling mounting

- 100 V transmission technology
- 2-way speaker system (13 cm) with high sound pressure and an excellent frequency range
- 100 V transformer with power taps on the cable 15/7.5/3.75 W
- White aluminium housing with front protective grille
- Connection via 4-core cable (length: 3 m)
- Supplied with canopy



PTS300-SW PTS300-W

PA sound column

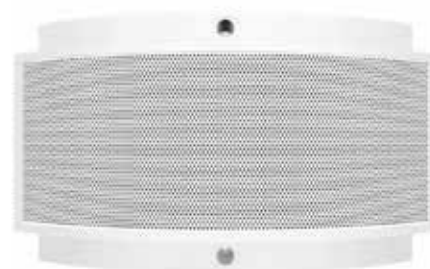
- 100 V transmission technology
- 2 high-quality and powerful full-range speakers (6.6 cm)
- Suitable for speech and background music
- 100 V transformer with power taps on the 10/5/2.5 W cable
- Connection via 4-core cable (length 1.5 m)
- Black (PTS300-SW) or white (PTS300-W) aluminium housing with front protective grille
- Supplied with wall bracket



WDW-330 WDW-330-10

PA wall speaker

- 100 V transmission technology through audio transformer with 3 power taps 6/3/1.5 W (WDW-330) or 10/5/2.5 W (WDW-330-10)
- Full-range speaker (13 cm) with good sound quality and speech intelligibility
- Moisture-proof speaker cone
- Design plastic housing (ventilated) with metal protective grille
- Horizontal and vertical mounting options thanks to symmetrical design
- Supplied with mounting screws and screw head covers



DAR-130-B

PA wall and ceiling speaker

- 100 V transmission technology by audio transmitter with 3-step power taps
- Full range speaker (13 cm) for announcements
- Moisture-proof speaker cone Black plastic housing with protective grille
- Supplied with mounting material

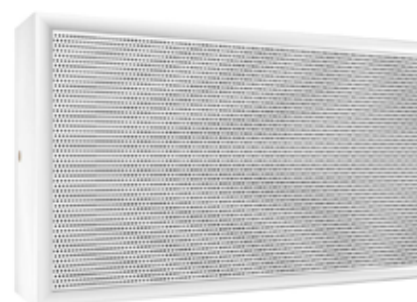


WDW-2000

WDW-2000-10

PA wall and ceiling speaker

- 100 V transmission technology through audio transformer with 3 power taps 6/3/1.5 W (WDW-2000) or 10/5/2.5 W (WDW-2000-10)
- Full-range speaker (13 cm)
- Suitable for speech and music transmission
- Moisture-proof speaker cone
- Wooden housing with metal protective grille
- Easy wall mounting using the supplied aluminium bracket and mounting material
- Ball-proof in accordance with DIN 18 032, part 3



DAR-87

DAR-87-10

PA wall and ceiling speaker

- 100 V transmission technology by audio transmitter with 3 power taps 6/3/1.5 W (DAR-87) or 10/5/2.5 W (DAR-87-10)
- Full range speaker (5 cm) for transmission of music and announcements
- Moisture-proof speaker cone
- White aluminium housing with protective grille
- Supplied with mounting material



DAR-1000

DAR-1000-10

PA wall and ceiling speaker

- 100 V transmission technology by audio transmitter with 3-step power taps 6/3/1.5 W (DAR-1000) or 10/5/2.5 W (DAR-1000-10)
- High performance full range speaker (20 cm) with very high sound pressure (96 dB/1 W/1 m)
- White metal housing with metal protective grille
- Supplied with mounting material

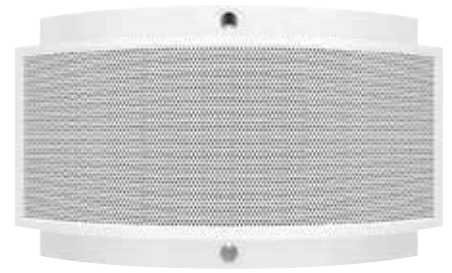


WDW-330-CX10

PA wall speaker

- 100 V transmission technology through audio transformer with 3 power taps
- 2-way speaker technology (13 cm) with bass reflex system for excellent music reproduction
- Design plastic housing (ventilated) with metal protective grille

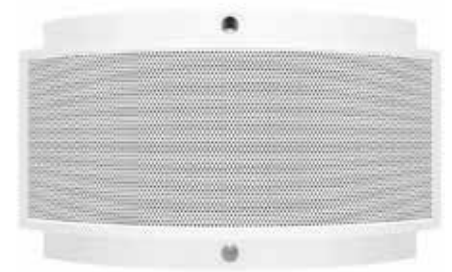
- Horizontal and vertical mounting options thanks to symmetrical design
- Supplied with mounting screws and screw head covers



WDW-330-CX15-N

PA wall and ceiling speaker, 4 Ω

- 2-way speaker technology (13 cm) with bass reflex system for excellent music reproduction
- Design plastic housing (ventilated) with metal protective grille
- Horizontal and vertical mounting options thanks to symmetrical design
- Supplied with mounting screws and screw head covers



WDR-130-CX6

WDR-130-CX10

WDR-130-CX15

PA ceiling speaker

- 100 V transmission technology by audio transmitter with 3-step power taps 6/3/1.5 W (WDR-130-CX6), 10/5/2.5 W (WDR-130-CX10) or 15/7.5/3.75 W (WDR-130-CX15)
- 2-way speaker system (13 cm)

- High sound quality and well-balanced frequency response, distortion-free transmission of 50 Hz signals also possible
- Metal housing
- Ball-proof in accordance with DIN 18 032, part 3



WDR-130-CX-N

PA ceiling speaker, 4 Ω

- 2-way speaker system (13 cm)
- High sound quality and well-balanced frequency response, distortion-free transmission of 50 Hz signals also possible
- Quick-mounting device
- Metal housing

- Connection via pressure clamps
- Ball-proof in accordance with DIN 18 032, part 3



WDR-245-CX30-N

PA ceiling speaker, 8 Ω

- 2-way speaker system (20 cm)
- High sound quality and well-balanced frequency response, distortion-free transmission of 60 Hz is also possible
- Quick-mounting device
- Metal housing with metal protective grille

- Connection via pressure clamps
- Ball-proof in accordance with DIN 18 032, part 3



WDR-130

WDR-130-10

PA ceiling loudspeaker

- 100 volt transmission technology by audio transmitter with 3-step power taps 6/3/1.5 W (WDR-130) or 10/5/2.5 W (WDR-130-10)
- Speaker (13 cm) with high sound pressure and very good transmission range

- Moisture-protected speaker cone
- Quick mounting device
- Metal housing with metal protective grille
- 3 power taps via pressure terminals
- Ball impact resistance test according to DIN 18 032, part 3



WDR-130-N

PA ceiling speaker, 4 Ω

- Speaker (13 cm) with high sound pressure and very good transmission range
- Moisture-proof speaker cone
- Quick-mounting device
- Metal housing with metal protective grille

- Connection via pressure clamps
- Ball-proof in accordance with DIN 18 032, part 3



WDE-130-N

PA ceiling speaker, 4 Ω

- Very good transmission range
- Speaker (13 cm) with high sound pressure and very good transmission range
- Moisture-proof speaker cone
- Quick-mounting device
- Metal housing with metal protective grille

- Connection via pressure clamps
- Ball-proof in accordance with DIN 18 032, part 3



WDR-245-10

PA ceiling speaker

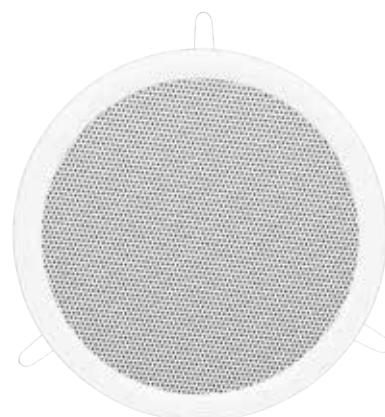
- 100 V transmission technology
 - High-performance full-range speaker (20 cm) with very high characteristic sound pressure (98 dB/1 W/1 m)
 - Quick-mounting device
 - Metal housing with metal protective grille
- 3 power taps via pressure clamps
 - Ball-proof according to DIN 18 032, part 3



WDR-245-N

PA ceiling speaker, 4 Ω

- 100 V transmission technology through audio transformer with 3 power taps
 - High-performance full-range speaker (20 cm) with very high characteristic sound pressure (98 dB/1 W/1 m)
 - Quick-mounting device
 - Metal housing with metal protective grille
- Connection via pressure clamp
 - Ball-proof in accordance with DIN 18 032, Part 3



WDR-100

PA ceiling speaker

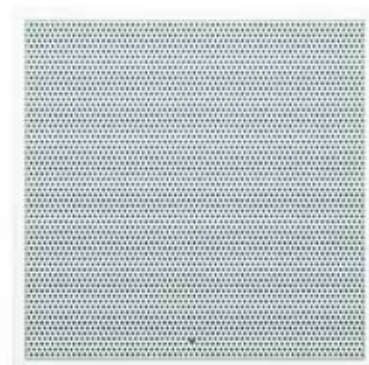
- 100 V transmission technology
- 6.6 cm full-range speaker
- Design similar to established flush-mount halogen lamps
- Quick-mounting device
- Metal housing with metal protective grille
- 3 power taps via pressure clamps



E-245-10

PA ceiling speaker

- 100 V transmission technology
- High-performance full range speaker (20 cm) with very high sound pressure (98 dB/1W/1m)
- For installation in suspended ceilings, mounting hole 233 x 233 mm
- Plastic mounting frame with metal front grille
- 3-step power taps via pressure clamps

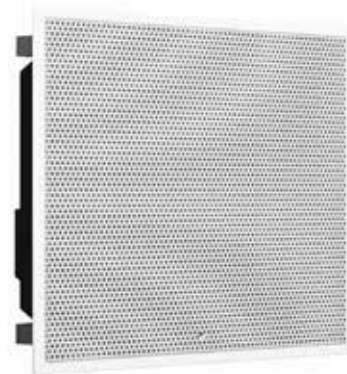


U-130-10

PA wall and ceiling speaker for flush-mounting

- 100 V transmission technology
- Full-range speaker (13 cm) with tweeter cone
- Moisture-protected speaker cone
- Plastic flush-mounting shell for flush plastering into walls or solid ceilings
- Required wall hole approx. 242 x 242 x 100 mm

- Metal front grille with plastic frame
- 3 power taps via pressure clamps



WDR-130-F-EN-10

PA ceiling loudspeaker with EN 54-24 certification.

- 100-volt transmission technology
- Speaker (13 cm) with high sound pressure and very good transmission range
- Moisture-protected speaker cone
- Fire pot
- Quick mounting device

- Metal housing with metal protective grille
- 3 power taps via WAGO terminal
- Ball impact resistance test according to DIN 18 032, part 3



WDR-245-A/B-F-EN-10

PA A/B ceiling loudspeaker with EN 54-24 certification with A/B loudspeaker distribution in accordance with EN 60849 and DIN VDE 0833-4.

- 100 V transmission technology
- 2 independent speaker systems
- 2 separate full-range speakers (10 cm) with very high efficiency and high maximum volume

- Metal housing with metal protective grille
- Fire pot
- Quick mounting device
- 3 power taps via WAGO terminals
- Ball impact safety test according to DIN 18 032, part 3

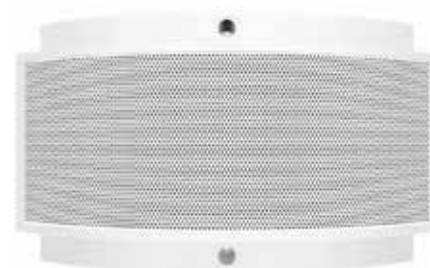


WDW-330-EN-10

PA wall speaker with EN 54-24 certification

- 100 V transmission technology through audio transformer with 3 power taps
- Full-range speaker (13 cm) with good sound quality and speech intelligibility
- Design plastic housing (ventilated) with metal protective grille

- Horizontal and vertical mounting options thanks to symmetrical design
- Supplied with mounting screws and screw head covers

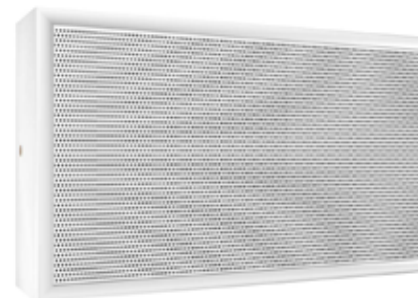


WDW-2000-EN-10

PA wall and ceiling speaker with EN 54-24 certification

- 100 V transmission technology via audio transformer with 3 power taps
- Full range speaker (13 cm)
- Suitable for speech and music transmission
- Moisture-proof speaker cone

- Wooden housing with metal protective grille
- Easy wall mounting using the supplied aluminium bracket and mounting material
- Ball-proof according to DIN 18 032, part 3



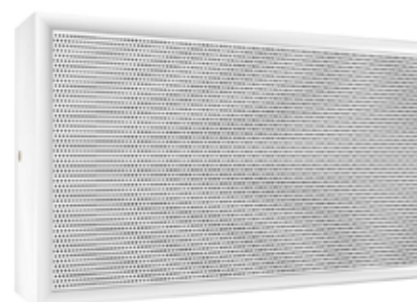
WDW-2000-EN-ABDS

PA A/B wall and ceiling speaker

with EN 54-24 certification for evacuation systems with A/B speaker distribution in accordance with EN 60849 and DIN VDE 0833-4.

- 100 V transmission technology via audio transformer with 2 x 3 power taps

- Full range speaker system (13 cm) with dual voice coil for speech and music reproduction
- Moisture-proof speaker cone
- Wooden housing with metal protective grille
- Ball-proof according to DIN 18 032, part 3

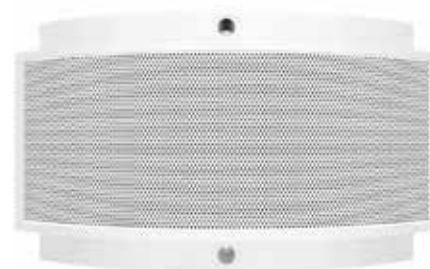


WDW-330-EN-10

PA wall speaker with EN 54-24 certification

- 100 V transmission technology through audio transformer with 3 power taps
- Full-range speaker (13 cm) with good sound quality and speech intelligibility
- Design plastic housing (ventilated) with metal protective grille

- Horizontal and vertical mounting options thanks to symmetrical design
- Supplied with mounting screws and screw head covers



TR-10-EN

TR-20-EN

TR-25-EN

Weatherproof horn speaker with EN 54-24 certification

- 100 V transmission technology
- 100 V transformer with power taps 10/5/2.5 W (TR-10-EN), 20/10/5 W (TR-20-EN) or 25/12.5/6.25 W (TR-25-EN)

- Integrated high-pass filter for sound and stability optimisation
- IP66 certified
- Light-grey ABS housing (self-extinguishing, complies with UL94V0 standard)
- Cable feed via PG cable gland



RL-1EN

PA sound projector for wall mounting, with EN 54-24 certification.

- 100 V transmission technology
- 13 cm full range speaker
- 100 V transformer with power taps on the cable 6/3/1.5 W
- Connection via 4-core cable (length: 1.5 m)

- Metal housing with front protective grille
- Supplied with pan/tilt bracket and mounting accessories



RL-1ENABDS

PA A/B sound projector for wall mounting, with EN 54-24 certification for voice alarm systems with A/B speaker distribution according to EN 60849.

- 100 V transmission technology
- 13 cm full range speaker with dual voice coil
- 2 x 100 V transformer with power taps on the cable 6/3/1.5 W

- Connection via 2 x 4-core cable (length: 1.5 m)
- Metal housing with front protective grille
- Supplied with pan/tilt bracket and mounting accessories



OMNI-TRACK/SW OMNI-TRACK/WS

Spottune OMNI TRACK speaker

- All-in-one smart speaker (built-in amplifier, audio filter and receiver)
- Easy plug-and-play installation to existing 3-phase rail lighting systems
- Automatic linking and settings in pairing mode with LED status indication at initial operation via Spottune network audio streamer

- Consistent 360° sound radiation for a constantly pleasant sound experience, independent of the position in the room
- Reliable and stable audio transmission in the frequency range of 1.9 GHz

Supplied w/o lighting rails.



STREAM

Spottune STREAM audio streamer

- Central transmitter and receiver unit (high operating reliability due to DECT technology)
- 2 music zones can be controlled individually
- Microphone input for announcements
- Web-based DSP and control surface
- Spotify Connect
- USB port for music reproduction

- Different music contents can be played in separate zones
- Status monitoring of integrated speakers
- Announcements via all speakers using microphone



Megaphones

TM-10

Megaphone

- Built-in microphone
- Siren, switchable
- Volume control



TM-11

Megaphone

- Built-in microphone
- Siren, switchable
- Volume control



TM-35

Megaphone

- Hand-held microphone with helix cable
- Lockable talk button and volume control at the microphone
- Jack for external 12 V battery operation
- Siren, switchable
- Connection cable for motor vehicles



TM-45

Megaphone

- Hand-held microphone with removable helix cable
- Lockable talk button and volume control at the microphone
- Aux input with level control
- Jack for external 12 V battery operation
- Siren, switchable
- Connection cable for motor vehicles



WAP-8

Portable voice amplifier

- Scope of delivery: 1 electret headband microphone, 1 mini electret microphone, 1 voice amplifier, 2 microphone windshields, 1 line connection cable, 1 plug-in charger and 1 carrying strap, 1 transport bag.
- For general mobile speech applications, e.g. lectures and training sessions, sales events

- Suitable for general applications due to versatile wearing options
- 6 W amplifier with volume control
- Additional line input (3.5 mm jack) for external audio sources, e.g. MP3 players and laptops
- Built-in rech. lithium polymer battery (≈ 7.4 V/2000 mAh), with LED status indication



PAS-254D

Portable amplifier system, for mobile applications.

- Very comfortable to wear and great mobility due to backpack method
- 1 speaker with 4 speaker chassis
- Class D power amplifier
- Integrated 2-channel multifrequency wireless receiver (TXA-1822MR)
- Bluetooth receiver for wireless connection of mobile audio devices

- Adjustable USB/SD card player with connection for external storage media
- Built-in rechargeable lead gel battery 12 V/12 Ah (operating time: up to 12 hours)
- Compartment for spare rechargeable battery to extend operating time
- Integrated automatic battery charging
- Licence-free in the EU



TXA-820 TXA-820CD TXA-822CD

Portable amplifier system, with integrated multifrequency receiver unit with UHF PLL technology (863-865 MHz) and Bluetooth receiver.

- Operation via mains connection or built-in rechargeable lead gel battery 2 x 12 V/4.5 Ah (operating time: up to 5 hours), integrated automatic battery charging with charging status indication, discharge protection
- Efficient 2-way speaker system
- 1 microphone input via comb. jack (XLR/6.3 mm), 1 microphone input (6.3 mm jack), 1 stereo line input (RCA), 1 aux input (3.5 mm jack), each input can be adjusted
- Common master control, 2-way tone control
- 1 stereo output (RCA), 1 aux output (3.5 mm jack)
- Licence-free in the EU

TXA-820:

- Amplifier system with 1-channel wireless receiver
- 16 selectable UHF frequencies (863-865 MHz) with diversity system

TXA-820CD:

- Amplifier system with 1-channel wireless receiver
- 16 selectable UHF frequencies (863-865 MHz) with diversity system
- CD player with anti-shock system, MP3 reproduction and slot-in mechanism
- SD card reader, USB port

TXA-822CD:

- Amplifier system with 2-channel wireless receiver
- 2 x 16 selectable UHF frequencies (863-865 MHz)



- CD player with anti-shock system, MP3 reproduction and slot-in mechanism
- SD card reader, USB port
- 1 radio transmitter for wireless audio link operation of several TXA-820 systems

TXA-820MT

Multifrequency transmitter module, with UHF PLL technology.

- For retrofitting amplifier systems of the TXA-820 series or for setting up wireless audio transmission paths.
- 16 selectable UHF frequencies (863-865 MHz)
- Volume control

- LCD for indicating selected channel/frequency
- LEDs for indicating carrier signal and audio signal
- Licence-free in the EU



TXA-802SR

2-channel multifrequency receiver, with UHF PLL technology.

- Matching the transmitters TXA-800HT, TXA-800HSE, TXA-800ST and ATS-12HT
- 2 x 16 selectable UHF frequencies (863.1-864.9 MHz) with diversity system
- Scan function for free channel
- Volume control

- LCD for indicating selected channel and carrier signal
- Balanced XLR output and 6.3 mm jack output
- 482 mm (19") rack installation of 2 devices is possible with supplied mounting brackets
- Power is provided via enclosed plug-in power supply
- Licence-free in the EU



Portable Speaker Systems

TXA-800R

16-channel PLL receiver

- Matching the transmitters TXA-800ST, TXA-800HT, TXA-800HSE, ATS-16T and portable amplifier system TXA-802CD with integrated wireless transmitter
- 16 selectable UHF frequencies (863.1-864.9 MHz)
- Adjustable headphone output
- Line output level adjustable in 3 steps
- Metal housing
- Power supply via 2 x 1.5 V battery AA size or NiMH rech. battery (not supplied)
- Scope of delivery includes earphones with rubber ear hook
- Belt clip
- Licence-free in the EU



TXA-800ST

16-channel PLL transmitter, for microphone operation and line audio signals.

- Matching the receivers TXA-800R, ATS-16R and portable amplifiers of the TXA-800 series, TXA-1020 series as well as TXA-604/SW, TXA-624CD/SW and TXA-802SR
- 16 selectable UHF frequencies (863.1-864.9 MHz)
- Adjustable headphone output
- 482 mm (19") rack installation of 2 devices is possible with supplied mounting brackets
- Licence-free in the EU



TXA-800HSE

Multifrequency pocket transmitter.

Matching portable amplifier systems of the TXA-1000 and TXA-800 series.

- 1 headband microphone (omnidir. char.), 1 tie clip microphone (cardioid char.)
- 16 selectable UHF frequencies (863.1-864.9 MHz)
- Microphone connection via 3-pole mini XLR jack
- Audio line input via 3.5 mm stereo jack
- Sensitivity to be adjusted in 3 steps
- Mute function
- Transmitting power: 10 mW (EIRP)
- Power supply via 2 x 1.5 V battery AA size (not supplied)
- Belt clip
- Licence-free in the EU



TXA-800HT

Hand-held microphone with integrated multifrequency transmitter.

Matching TXA-1000 and TXA-800 series.

- Dynamic microphone cartridge, cardioid polar pattern
- 16 selectable UHF frequencies (863.1-864.9 MHz)
- Sensitivity to be adjusted in 2 steps
- Licence-free in the EU



TXA-12C

Transport case with intelligent PWM quick-charge function, for TXA-800R and TXA-800HSE.

- For simultaneously charging rech. batteries (NC, NiMH) of up to 12 units
- Average charging time, depending on capacity and condition of the rechargeable batteries used: approx. 5-6 hours, e.g. for 1,300 mAh rech. batteries



TXA-1020 TXA-1022CD

Portable high-power amplifier systems, with integrated adjustable 2-channel multifrequency receiver unit with UHF PLL technology and Bluetooth receiver.

- High-performance class D version 120 W, with optimum efficiency
- Operation via mains connection or built-in rechargeable lead gel battery 2 x 12 V/4.5 Ah (operating time: up to 4 hours), integrated automatic battery charging with charging status indication, discharge protection
- 2 x 16 selectable UHF frequencies (863.1-864.9 MHz)
- Efficient 2-way speaker system with 25 cm (10") bass speaker
- 1 microphone input via comb. jack (XLR/6.3 mm), 1 microphone input (6.3 mm jack), 1 stereo line input (RCA), 1 aux input (3.5 mm jack), each input can be adjusted
- Common master control, 2-way tone control
- 1 stereo line output (RCA), 1 aux output (3.5 mm jack)
- Switchable microphone priority circuit
- Due to an extractable telescopic handle and 2 castors, the amplifier system can easily be pulled like a trolley
- Stand sleeve
- Licence-free in the EU

TXA-1020:

- Amplifier system with 2-channel wireless receiver

TXA-1022CD:

- Amplifier system with 2-channel wireless receive
- CD player with anti-shock system, MP3 reproduction and slot-in mechanism, pitch control function



- SD card reader, USB interface
- 1 radio transmitter for wireless audio link operation of several TXA-1020 systems
- Supplied with remote control for CD player

TXA-1822MR

2-channel multifrequency receiver module, with UHF PLL technology.

- For retrofitting amplifier systems of the TXA-10xx and TXA-8xx series or for setting up wireless audio transmission paths.
- 2 x 16 selectable UHF frequencies (863-865 MHz)
- Volume control
- LCD for indicating selected channel and carrier frequency
- Scan function for free channel
- Supplied with adapter board for TXA-1020 and TXA-800 series
- Licence-free in the EU



TXA-1802CD

CD player insertion module, with anti-shock

system and MP3 reproduction. Particularly suitable for the TXA-10xx and TXA-8xx series.

- Slot-in mechanism
- SD card reader
- USB port for external storage media
- Pitch control function
- Folder navigation



TXA-1020MT

Multifrequency transmitter module, with

UHF PLL technology. For retrofitting amplifier systems of the TXA-1020 series or for setting up wireless audio transmission paths.

- 16 selectable UHF frequencies (863.1-864.9 MHz)
- Volume control
- LCD for indicating selected channel/frequency
- Licence-free in the EU



Portable Speaker Systems

TXA-1000WPB

Protective cover, splashproof version, suitable for portable amplifier systems of the TXA-1020 and TXA-1022CD.

- Robust, black synthetic cloth
- Sound-transparent front of meshed fabric with additional water protection cover
- The cover can stay on during operation
- Opening for transport handle and trolley handle



- 2 lateral pockets, each with hook and loop fastener
- Supplied w/o device

TXA-820WPB

Protective cover, splashproof version, suitable for portable amplifier systems TXA-820, TXA-820CD and TXA-822CD.

- Robust, black synthetic cloth
- Sound-transparent front of meshed fabric with additional water protection cover
- The cover can stay on during operation
- Opening for transport handle and trolley handle



- 2 lateral pockets, each with hook and loop fastener
- Supplied w/o device

TXA-1000BAG

Protective cover, suitable for portable amplifier systems TXA-1020 and TXA-1022CD.

- Robust, black synthetic cloth
- Sound-transparent front of meshed fabric
- The cover can stay on during operation
- Opening for transport handle and trolley handle
- 2 lateral pockets, each with hook and loop fastener
- Supplied w/o device



TXA-820BAG

Protective cover, suitable for portable amplifier systems TXA-820, TXA-820CD and TXA-822CD.

- Robust, black synthetic cloth
- Sound-transparent front of meshed fabric
- The cover can stay on during operation
- Opening for transport handle
- 2 lateral pockets, each with hook and loop fastener



- Supplied w/o device

TXA-1015ACCU

Rechargeable lead battery, 12 V, universal rech. battery, also suitable as a replacement for the TXA-10xx series and TXA-82xx series.

- 12 V/4.5 Ah
- Maintenance-free, hermetically sealed
- Dimensions: 90 x 110 x 70 mm
- Weight: 1.8 kg



TXA-815ACCU

Rechargeable lead battery, 12 V, universal rech. battery, also suitable as a replacement for the TXA-800 series.

- 12 V/2.9 Ah
- Maintenance-free, hermetically sealed
- Dimensions: 79 x 107 x 56 mm
- Weight: 1.2 kg



42-channel Digital PLL Voice Transmission System, 823-832 MHz and 863-865 MHz

ATS-80R

42-channel PLL receiver

- Supplied with matching earphone
- Adjustable headphone output
- Automatic switch-off (power-saving function)
- High-contrast OLED display
- Battery status indication
- Push-to-talk button
- Alarm-off button
- Operating range alert
- Call alert
- Mute function
- Automatic channel lock
- Built-in microphone
- Full duplex communication (release by transmitter)



ATS-80T

42-channel PLL transmitter, for microphone operation and audio line signals.

- 3 different operating modes: guiding, lecturing and discussions for versatile applications
- Integrated microphone, adjustable gain
- Supplied with additional earphone microphone
- Audio line input via 3.5 mm stereo jack
- High-contrast OLED display
- Battery status indication
- Priority assignment
- Alarm function
- Talk/mute button
- Call button
- Channel lock
- Full-duplex communication
- Attendance monitoring
- Belt clip



ATS-80ST

42-channel stationary PLL transmitter, for microphone operation and audio line signals.

- Stereo audio line input via RCA L/R
- Microphone input via comb. jack (XLR/6.3 mm jack)
- Mono audio line output via RCA
- Loop input and loop output via 6.3 mm jack
- Removable antenna (TNC)
- Adjustable headphone output for monitoring
- Supports Bluetooth
- USB audio programming interface
- High-contrast OLED display
- Channel name and ID can be edited
- Adjustable transmitting power (high: ≤ 20 mW/low: ≤ 10 mW)
- Operating range: approx. 100 m



ATS-80EM

Earphone microphone

- Suitable for 42-channel PLL transmitter ATS-80T
- Electret headband microphone
- Mono earphone with ring holder for a secure fit
- Clip
- 1 m connection cable with 3.5 mm plug



ATS-825C

Transport case with integrated charging and programming function, for transmitters and receivers from the ATS-80 series.

- For simultaneously charging rech. batteries of up to 25 devices
- Each slot with LED for indicating battery charging status
- Mechanical reverse polarity protection



Tour Guide Systems

16-channel Digital Voice Transmission System, 863-865 MHz, licence-free in the EU

ATS-22R

16-channel miniature receiver, with intercom function.

- Intercom function with transmitter ATS-22T via push-button
- Built-in microphone
- Supplied with matching clip-on earphone
- Switches off automatically after not receiving an input signal for 20 minutes (power-saving function)
- LCD for indicating channel, carrier signal, volume and battery status



ATS-22T

16-channel miniature transmitter, for microphone operation and audio line signals, with intercom function.

- Supplied with headset
- Activation switch for intercom function with the receiver ATS-22R
- Audio line input via 3.5 mm jack at the headset
- LCD for indicating channel and battery status
- Transmitting power: ≤ 10 mW (EIRP), operating range: approx. 70 m



16-channel Digital Voice Transmission System, 863-865 MHz, licence-free in the EU

ATS-20R

16-channel miniature receiver

- Supplied with matching clip-on earphone
- Switches off automatically after not receiving an input signal for 20 minutes (power-saving function)
- LCD for indicating channel, carrier signal, volume and battery status
- Autolock function
- Power supply via integrated rech. lithium battery



ATS-20T

16-channel miniature transmitter, for microphone operation and audio line signals.

- Supplied with electret tie clip microphone
- Microphone input/ audio line input via 3.5 mm jack with automatic detection, depending on the configuration (mono/stereo)
- LCD for indicating channel and battery status
- Mute button



ATS-12CB

Transport bag with integrated charging function, for transmitters and receivers of the ATS-20 and ATS-22 series.

- For simultaneously charging rech. batteries of up to 12 devices
- Each slot with LED for indicating battery charging status
- Black nylon bag with zip fastener, carrying handle and compartments for accessories
- Supplied with matching power supply

- Dimensions: 350 x 110 x 120 mm
- Weight: 1.03 kg



TXS-606

Multifrequency receiver unit, with UHF PLL technology.

- 1,000 selectable UHF frequencies (672.000-696.975 MHz) in 10 groups with 100 frequencies each
- ACT function for transmitting selected frequency to TXS-606HSE/2, TXS-606LT/2, TXS-606DT/2 or TXS-606HT/2 via infrared signal
- Auto-scan
- True diversity system with removable antennas (BNC connection)
- Volume and squelch controls
- LCD for indicating group/channel, antenna A/B, RF receiving level and AF audio level
- Additional LED level display for indicating audio level
- XLR output and 6.3 mm output
- 8 V supply voltage for active antennas



TXS-626

2-channel multifrequency receiver unit, with UHF PLL technology.

- 1,000 selectable UHF frequencies (672.000-696.975 MHz) for each channel (10 groups with 100 frequencies each)
- ACT function for transmitting selected frequency to TXS-606HSE/2, TXS-606LT/2, TXS-606DT/2 or TXS-606HT/2 via infrared signal
- Auto-scan
- True diversity system with removable antennas (BNC connection)
- Volume and squelch controls for each channel
- Each channel with LCD for indicating group/channel, antenna A/B, RF receiving level, AF audio level and additional LED level display for indicating audio level



TXS-646

4-channel multifrequency receiver unit, with UHF PLL technology.

- 1,000 selectable UHF frequencies (672.000-696.975 MHz) for each channel (10 groups with 100 channels each)
- ACT function for transmitting selected frequency to TXS-606HSE/2, TXS-606LT/2, TXS-606DT/2 or TXS-606HT/2 via infrared signal
- Auto-scan
- True diversity system with removable antennas (BNC connection)
- Volume and squelch controls for each channel
- Each channel with LCD for indicating group/channel, antenna A/B, RF receiving level, AF audio level and additional LED display for indicating audio signal



TXS-686

8-channel multifrequency receiver unit, with UHF PLL technology.

- 1,000 selectable UHF frequencies (672.000-696.975 MHz) for each channel (10 groups with 100 channels each)
- ACT function for transmitting selected frequency to TXS-606HSE/2, TXS-606LT/2, TXS-606DT/2 or TXS-606HT/2 via infrared signal
- Auto-scan
- True diversity system with removable antennas (BNC connection)
- Volume and squelch controls for each channel
- LCD for indicating group/channel, RF receiving level, AF audio level and additional LED display for indicating antenna A/B, audio signal of each channel



Wireless Transmission

TXS-606HT/2

Hand-held microphone with integrated multifrequency transmitter, with UHF PLL technology.

- Dynamic microphone cartridge, cardioid polar pattern
- 800 selectable UHF frequencies (672.000-691.975 MHz), can be synchronised with receivers TXS-606, TXS-626, TXS-646 or TXS-686 via ACT function
- Adjustable sensitivity
- Switchable transmitting power (high: 25 mW/low: 2.5 mW)
- LCD for indicating group/channel, audio level and battery status
- Power supply via 2 x 1.5 V battery AA size (not supplied)



TXS-606HSE/2

Multifrequency pocket transmitter, with UHF PLL technology.

- 800 selectable UHF frequencies (672.000-691.975 MHz), can be synchronised with receivers TXS-606, TXS-626, TXS-646 or TXS-686 via ACT function
- Continuously adjustable sensitivity
- LCD for indicating group/channel, audio level and battery status
- Suitable for combination with headband/earband microphones and tie clip microphones with 3-pole mini XLR connector
- Belt clip
- Power supply via 2 x 1.5 V battery AA size (not supplied)



TXS-606LT/2

Multifrequency tie clip microphone transmitter, with UHF PLL technology.

- 800 selectable UHF frequencies (672.000-691.975 MHz), can be synchronised with receivers TXS-606, TXS-626, TXS-646 or TXS-686 via ACT function
- Continuously adjustable sensitivity
- LCD for indicating group/channel, audio level and battery status
- Tie clip microphone with latchable 3.5 mm plug
- Belt clip
- Power supply via 2 x 1.5 V battery AA size (not supplied)



TXS-606DT/2

Wireless desktop microphone with integrated multifrequency transmitter, with UHF PLL technology.

- Electret microphone cartridge, cardioid polar pattern
- 350 mm gooseneck, removable
- 800 selectable UHF frequencies (672.000-691.975 MHz), can be synchronised with TXS-606, TXS-626, TXS-646 or TXS-686 via ACT function
- Adjustable sensitivity
- Switchable transmitting power (high: 25 mW/low: 2.5 mW)
- LCD for indicating group/channel, audio level and battery status
- Power supply via 2 x 1.5 V battery AA size (not supplied)



TXS-611SET

Multifrequency microphone system, with UHF PLL technology.

- 1 hand-held microphone transmitter (cardioid polar pattern), 1 receiver, 1 plug-in power supply
- True diversity system
- 80 selectable UHF channels (863-865 MHz)
- Auto-scan
- ACT function for transmitting selected frequency to the hand-held microphone via infrared signal
- Volume and squelch controls
- Transmitting power can be switched at the hand-held microphone (high/low)
- Licence-free system in the EU



TXS-616SET/2

Multifrequency microphone system, with UHF PLL technology.

- 1 hand-held microphone transmitter, 1 receiver, 1 plug-in power supply
- True diversity system
- 80 selectable UHF channels (672.000-691.750 MHz)
- ACT function for transmitting selected frequency to the hand-held microphone via infrared signal
- Auto-scan
- Volume and squelch controls
- Transmitting power can be switched at the hand-held microphone (high/low)
- Indication for channel, antenna A/B, ACT status and AF audio level (receiver), channel and battery status (hand-held microphone)
- Robust metal housing (receiver)



TXS-631SET

Multifrequency microphone system, with UHF PLL technology.

- 1 pocket transmitter, 1 tie clip microphone, 1 receiver, 1 plug-in power supply
- True diversity system
- 80 selectable UHF channels (863-865 MHz)
- Auto-scan
- ACT function for transmitting the selected frequency to the pocket transmitter via infrared signal
- Volume and squelch controls
- Gain can be adjusted at the pocket transmitter
- Licence-free in the EU



FLY-16SET

16-channel wireless PA audio transmission set

- For analogue wireless transmission of line audio signals in PA systems
- Frequency range: 823-832 MHz
- 16 pre-programmed channels, selectable



PB-05E

Automatic microphone switch, with optical distance sensor.

- Automatic switch, response via infrared signals
- For dynamic microphones with balanced output configuration
- Easy operation via 48 V phantom power



RACKS AND CABLES

High-quality Audio Components for Your Project

Racks and cables available in various configurations

When it comes to powerful and reliable cabling for your stage, network, or PA technology, MONACOR INTERNATIONAL offers the optimal products for you. **We provide cables both as coils for very large installations**, e.g. 100-meter or 200-meter coils, or as prefabricated cables with appropriate connectors for sound systems. The material used is designed for professional application and offers excellent transmission quality.

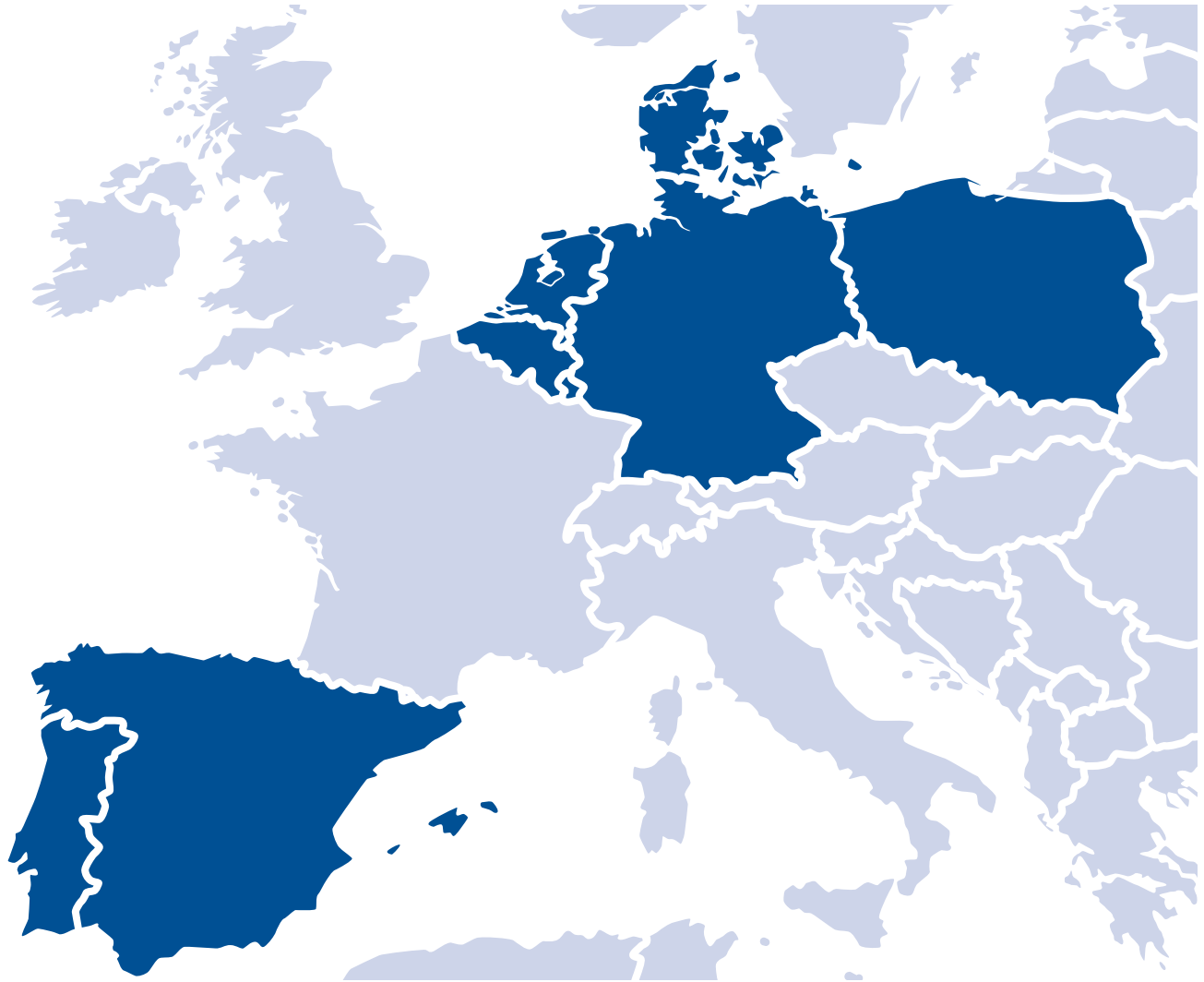


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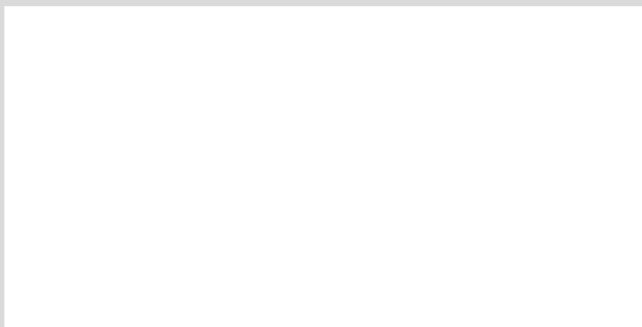
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