



2026 CATALOGUE



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# EN54 EVACUATION SYSTEMS

# EN54 EVACUATION SYSTEMS



## KR-AE604

Wall mounted All-In-One voice alarm system compliant with **EN54-16** with testing and charge circuit compliant with **EN54-4**.

4 Zones System on redundant loudspeaker line and back up Amplifier.

Main and backup amplifier in class D "Pure Path"™.

300W @ 100V on redundant loudspeaker line (A + B). The system does not require a line end resistor.

The system ensures full power performance even with backup power. Processing circuit by DSP; balanced and isolated background music input, isolated and balanced background music microphone input with selectable 48Vdc phantom power supply and priority activation by contact; monitored input for remote emergency call stations; front panel fitted with monitor loudspeaker, monitored emergency PPT microphone, direct sending message keys, navigation keys, large display with LCD dot matrix.

Line output for active sub-woofer; audio messages stored on uSD 16bit 48kHz; 8 general purpose messages with activation from dedicated input contacts or incorporated scheduler, 8 monitored contacts for emergency announcement activation. 4 12Vdc batteries 18Ah not included.

Main Unit Dimensions (WxHxD): 470x550x235mm

Battery Case Dimensions (WxHxD): 470x220mmx200mm

Certification EN 54-16:2008



## KR-AE300 (order code AE300R1)

Wall mounted All-In-One voice alarm system compliant with **EN54-16** with testing and charge circuit compliant with **EN54-4**.

Main and backup amplifier in class D "Pure Path"™.

300W @ 100V on redundant loudspeaker line (A + B). The system does not require a line end resistor.

The system ensures full power performance even with backup power. Processing circuit by DSP; balanced and isolated background music input, isolated microphone input with selectable 48Vdc phantom power supply and priority activation by contact; monitored input for remote emergency call stations; front panel fitted with monitor loudspeaker, monitored emergency PPT microphone, direct sending message keys, navigation keys, large display with LCD dot matrix.

Line output for active sub-woofer; audio messages stored on uSD 16 bit 48kHz; 8 general purpose messages with activation from dedicated input contacts or incorporated scheduler, 2 monitored contacts for emergency announcement activation.

4 12Vdc batteries. 7.2Ah not included

Dimensions (WxHxD): 440x495x155mm

Certification EN 54-16:2008



## KR-DBE01

Fully monitored desk call station according to **EN54-16**. Software programmable "Talk" key, "Busy" and "System" LEDs, dynamic gooseneck microphone, automatic compressor, level adjustment trimmer Wiring by Rj45 connector and CAT5 Cable.



## KR-DBE06

Fully monitored desk call station according to **EN54-16**. Software programmable capacitive selection keys, "Talk" and "Busy" Keys, "System" LEDs, dynamic gooseneck microphone, automatic compressor, level adjustment trimmer Wiring by Rj45 connector and CAT5 Cable. Wiring by Rj45 connector and CAT5 Cable. Power supply from RJ45 cable or 24Vdc local adaptor.



## KR-DBE108E

Fully monitored Ethernet desk call station according to **EN54-16**. Connects to networkable Krea Evac System. 10 keys dial keyboard, "Talk" and "Clear" key, 3 Evac activation keys, touch screen quarter VGA TFT display, dynamic gooseneck microphone, DSP audio processing. All keys and functions are software programmable. Wiring by Rj45 connector and CAT5 Cable. Power supply from RJ45 cable or 24Vdc local adaptor.



## KR-DBEVF

Fully monitored, wall-mount, red metal box, **EN54-16** Firemen's call station with handheld PTT Microphone. Fully software programmable, with status LEDs. Access to the security and fire alarm features system is granted by a key-lock. "EVAC" and "ALARM" Remote Message Activation Button. Wiring by Rj45 connector and CAT5 Cable. Power supply from RJ45 cable or 24Vdc local adaptor.





# **SPEAKERS FOR EN54 EVAC APPLICATIONS**

# SPEAKERS FOR EN54 EVAC APPLICATIONS

## ARTIA S E R I E S



### KR-A51TB - KR-A51TW

System type: Wall Mount Speaker  
Drivers: 1" tweeter, 5" woofer  
Power Rating @ 8 $\Omega$  (nominal): 50 W  
Rated Noise Power 100h: 50 W  
Power Rating @ 100V: 50 / 25 / 12.5 / 6.25 W  
Power Rating @ 70V: 50 / 25 / 12.5 / 6.25 / 3.12 W  
Impedance: 8  $\Omega$  (nominal)  
200 / 400 / 800 / 1.6K  $\Omega$  @ 100V  
100 / 200 / 400 / 800 / 1.6K  $\Omega$  @ 70V  
Connector: Ceramic Terminal Block  
Power Selection: Rotary Switch  
Frequency Response: (-10 dB) 90 - 20k Hz  
Sensitivity at 1W (1 kHz, 1m / 4m): 89 / 77 dB  
Max SPL (1 kHz, 1m / 4m): 106 / 94 dB  
Coverage Angle at 500 / 1k / 2k / 4k Hz(-6dB): 180° / 180° / 180° / 120°  
Cabinet: Black (RAL 9011)/White (RAL 9016)  
Material: ABS / Aluminium  
Environmental Type: B (IP55C)  
Operating Temperature: -25 ÷ +70 °C (-13 ÷ +158 °F)  
Relative Humidity: < 95%  
Dimensions (mm): 170 x 245 x 175 (W x H x D)  
Mounting: on wall using supplied bracket  
Weight (Kg): 2.3  
Standard Compliance: **EN54-24:2008**  
KR-A51TB: Black Color  
KR-A51TW: White Color



### KR-A31TB - KR-A31TW

System type: Wall Mount Speaker  
Drivers: 1" tweeter, 3" woofer  
Power Rating @ 8 $\Omega$  (nominal): 25W  
Rated Noise Power 100h: 25 W  
Power Rating @ 100V: 25 / 12.5 / 6.25 / 3.12 W  
Power Rating @ 70V: 25 / 12.5 / 6.25 / 3.12 / 1.56 W  
Impedance: 8  $\Omega$  (nominal)  
400 / 800 / 1.6K / 3.2K  $\Omega$  @ 100V  
200 / 400 / 800 / 1.6K / 3.2K  $\Omega$  @ 70V  
Connector: Ceramic Terminal Block  
Power Selection: Rotary Switch  
Frequency Response: (-10 dB) 120 - 20k Hz  
Sensitivity at 1W (1 kHz, 1m / 4m): 87 / 75 dB  
Max SPL (1 kHz, 1m / 4m): 101 / 89 dB  
Coverage Angle at 500 / 1k / 2k / 4k Hz(-6dB): 180° / 120° / 120° / 90°  
Cabinet: Black (RAL 9011)/White (RAL 9016)  
Material: ABS / Aluminium  
Environmental Type: B (IP55C)  
Operating Temperature: -25 ÷ +70 °C (-13 ÷ +158 °F)  
Relative Humidity: < 95%  
Dimensions (mm): 140 x 209 x 125 (W x H x D)  
Mounting : on wall using supplied bracket  
Weight (Kg): 1.74  
Standard Compliance: **EN54-24:2008**  
KR-A31TB: Black Color  
KR-A31TW: White Color

# ARTIA SERIES



## KR-AP50T

System type: Sound Projector  
Drivers: 5" dual cone full range  
Rated Noise Power 100h: 20 W  
Power Rating @ 100V: 20 / 10 / 5 W  
Power Rating @ 70V : 10 / 5 / 2.5 W  
Impedance: 500 / 1K / 2K  $\Omega$  @ 100V  
500 / 1K / 2K  $\Omega$  @ 70V  
Connector: Ceramic Terminal Block  
Power Selection: On terminal block  
Frequency Response: (-10 dB) 100 - 12k Hz  
Sensitivity at 1W (1 kHz, 1m / 4m): 90 / 78 dB  
Max SPL (1 kHz, 1m / 4m): 103 / 91 dB  
Coverage Angle at 500 / 1k / 2k / 4k Hz(-6dB): 180° / 120° / 80° / 60°  
Cabinet: White (RAL 9016)  
Material: Aluminium  
Environmental Type: B (IP55C)  
Operating Temperature: -25 ÷ +70 °C (-13 ÷ +158 °F)  
Relative Humidity: < 95%  
Dimensions (mm): 140 x 140 x 195 (W x H x D)  
Mounting : Brick/concrete on ceilings/wall  
Weight (Kg): 2.63  
Standard Compliance: **EN54-24:2008**

## KR-AP52T

System type: Bi-Directional Sound Projector  
Drivers: 2x 5" full range  
Rated Noise Power 100h: 20 W  
Power Rating @ 100V: 20 / 10 / 5 W  
Power Rating @ 70V : 10 / 5 / 2.5 W  
Impedance: 500 / 1K / 2K  $\Omega$  @ 100V  
500 / 1K / 2K  $\Omega$  @ 70V  
Connector: Ceramic Terminal Block  
Power Selection: On terminal block  
Frequency Response: (-10 dB) 120 - 12k Hz  
Sensitivity at 1W (1 kHz, 1m / 4m): 88 / 76 dB  
Max SPL (1 kHz, 1m / 4m): 101 / 89 dB  
Coverage Angle at 500 / 1k / 2k / 4k Hz(-6dB): (2x) 180° / 120° / 80° / 60°  
Cabinet: White (RAL 9016)  
Material: Aluminium  
Environmental Type: B (IP55C)  
Operating Temperature: -25 ÷ +70 °C (-13 ÷ +158 °F)  
Relative Humidity: < 95%  
Dimensions (mm): 140 x 185 x 200 (W x H x D)  
Mounting : Brick/concrete on ceilings/wall  
Weight (kg): 3.45  
Standard Compliance: **EN54-24:2008**

# SPEAKERS FOR EN54 EVAC APPLICATIONS

## ARTIA S E R I E S



### KR-AH50T

System type: Hanging Speaker  
Drivers: 5" dual cone full range  
Rated Noise Power 100h: 20 W  
Power Rating @ 100V: 20 / 10 / 5 W  
Power Rating @ 70V: 10 / 5 / 2.5 W  
Impedance: 500 / 1K / 2KΩ @ 100V  
500 / 1K / 2KΩ @ 70V  
Connector: Ceramic Terminal Block  
Power Selection: On terminal block  
Frequency Response: (-10 dB) 100 - 12k Hz  
Sensitivity at 1W (1 kHz, 1m / 4m): 90 / 78 dB  
Max SPL (1 kHz, 1m / 4m): 103 / 91 dB  
Coverage Angle at 500 / 1k / 2k / 4k Hz(-6dB): 180° / 120° / 80° / 60°  
Cabinet: White (RAL 9016)  
Material: Aluminium  
Environmental Type: B (IP55C)  
Operating Temperature: -25 ÷ +70 °C (-13 ÷ +158 °F)  
Relative Humidity: < 95%  
Dimensions (mm): 140 x 140 x 195 (W x H x D)  
Mounting: Suspended from ceilings  
Weight (kg): 2.77  
Standard Compliance: **EN54-24:2008**



### KR-AIW50T

System type: In-Wall Speaker  
Drivers: 1" tweeter - 5" woofer  
Rated Noise Power 100h: 12 W  
Power Rating @ 100V: 12 / 6 / 3 W  
Power Rating @ 70V: 6 / 3 / 1.5 W  
Impedance: 850 / 1.7K / 3.4KΩ @ 100V  
850 / 1.7K / 3.4KΩ @ 70V  
Connector: Ceramic Terminal Block  
Power Selection: On terminal block  
Frequency Response: (-10 dB) 120 - 20k Hz (on wall)  
Sensitivity at 1W (1 kHz, 1m / 4m): 89 / 77 dB  
Max SPL (1 kHz, 1m / 4m): 100 / 88 dB  
Coverage Angle at 500 / 1k / 2k / 4k Hz(-6dB): 130° / 130° / 120° / 90°  
Cabinet: White (RAL 9016)  
Material: ABS / Aluminium  
Environmental Type: A (IP21C)  
Operating Temperature: -10 ÷ +55 °C (+14 ÷ +131 °F)  
Relative Humidity: < 95%  
Dimensions (mm): 280 x 192 x 77 (W x H x D)  
Mounting: In-wall or on surface with AIW50FRAME  
Weight (kg): 1.62  
Standard Compliance: **EN54-24:2008**



### KR-AIW50FRAME

This optional accessory allows to install the AIW50T on the surface of concrete or brick walls.

# ARTIA SERIES



## KR-AC61T

System type: Ceiling Speaker  
Drivers: 1" tweeter - 6" woofer  
Rated Noise Power 100h: 12 W  
Power Rating @ 100V: 12 / 6 / 3 W  
Power Rating @ 70V: 6 / 3 / 1.5 W  
Impedance: 850 / 1.7K / 3.4K  $\Omega$  @ 100V  
850 / 1.7K / 3.4K  $\Omega$  @ 70V  
Connector: Ceramic Terminal Block  
Power Selection: On terminal block  
Frequency Response: (-10 dB) 160 - 20k Hz (on wall)  
Sensitivity at 1W (1 kHz, 1m / 4m): 96,3 / 84,3 dB  
Max SPL (1 kHz, 1m / 4m): 105 / 93 dB  
Coverage Angle at 500 / 1k / 2k / 4k Hz(-6dB): 120° / 120° / 90° / 60°  
Cabinet: White (RAL 9016)  
Material: ABS / Aluminium  
Environmental Type: A (IP42C)  
Operating Temperature: -10 ÷ +55 °C (+14 ÷ +131 °F)  
Relative Humidity: < 95%  
Dimensions (mm): 186 x 114 ( $\varnothing$  x D)  
Mounting :  $\varnothing$  166mm cut out  
Weight (kg): 1.07  
Standard Compliance: **EN54-24:2008**



## KR-AC60T

System type: Ceiling Speaker  
Drivers: 6" dual cone full range  
Rated Noise Power 100h: 12 W  
Power Rating @ 100V: 12 / 6 / 3 W  
Power Rating @ 70V: 6 / 3 / 1.5 W  
Impedance: 850 / 1.7K / 3.4K  $\Omega$  @ 100V  
850 / 1.7K / 3.4K  $\Omega$  @ 70V  
Connector: Ceramic Terminal Block  
Power Selection: On terminal block  
Frequency Response: (-10 dB) 120 - 20k Hz (on wall)  
Sensitivity at 1W (1 kHz, 1m / 4m): 94 / 82 dB  
Max SPL (1 kHz, 1m / 4m): 104 / 92 dB  
Coverage Angle at 500 / 1k / 2k / 4k Hz(-6dB): 120° / 120° / 90° / 45°  
Cabinet: White (RAL 9016)  
Material: ABS / Aluminium  
Environmental Type: A (IP21C)  
Operating Temperature: -10 ÷ +55 °C (+14 ÷ +131 °F)  
Relative Humidity: < 95%  
Dimensions (mm): 186 x 74 ( $\varnothing$  x D)  
Mounting :  $\varnothing$  166mm cut out  
Weight (kg): 0.81  
Standard Compliance: **EN54-24:2008**

# SPEAKERS FOR EN54 EVAC APPLICATIONS

## ARTIA SERIES



### KR-ACO12T

System Type: Column Speaker  
Drivers: 1" tweeter - 12x2" woofer  
Rated Noise Power 100h: 40 W  
Power rating @ 100V: 40 / 20 / 10 W  
Power rating @ 70V: 20 / 10 / 5 W  
Impedance: 250 / 500 / 1K  $\Omega$  @ 100V  
250 / 500 / 1K  $\Omega$  @ 70V  
Connector: Ceramic Terminal block  
Power selection: On Terminal Block  
Frequency Response (-10 dB): 180 - 18k Hz  
Sensitivity at 1W (Pink, 1m / 4m): 87 / 75 dB  
Max SPL (Pink, 1m / 4m): 103 / 91 dB  
Coverage Angle at 500 / 1k / 2k / 4k Hz (-6dB):  
H 180° / 180° / 180° / 120°  
V 120° / 60° / 30° / 30°  
Cabinet: White (RAL 9016)  
Material: Aluminium  
Environmental Type: A (IP44C)  
Operating Temperature: -10 ÷ +55 °C (+14 ÷ +131 °F)  
Relative humidity: <95%  
Dimensions (mm): 78 x 828 x 66 (W x H x D)  
Mounting: on wall using supplied bracket  
Weight: 3.5 kg (7.71 lb)  
Standard Compliance: **EN54-24:2008**



### KR-WS50EN

System Type: Wall / Ceiling Speaker  
Drivers: 5" woofer  
Rated Noise Power 100h: 6 W  
Power rating @ 100V: 6 / 3 / 1.5 / 0.75 W  
Power rating @ 70V: 6 / 3 / 1.5 / 0.75 / 0.375 W  
Impedance: 1.7K / 3.4K / 6.7K / 13K  $\Omega$  @ 100V  
850 / 1.7K / 3.4K / 6.7K / 13K  $\Omega$  @ 70V  
Connector: Ceramic Terminal Block  
Power selection: On Transformer Terminal  
Measure Environment: Free field on standard baffle  
Frequency Response (-10 dB): 170 - 10k Hz  
Sensitivity at 1W (1 kHz, 1m / 4m): 93 / 81 dB  
Sensitivity at 1W (Pink Noise 6dB Crest Factor, 1m / 4m): 90 / 78 dB  
Max SPL (Pink Noise 6dB Crest Factor, 1m / 4m): 97 / 85 dB  
Coverage Angle at 500 / 1k / 2k / 4k Hz (-6dB):  
Hor.: 130° / 120° / 100° / 70°  
Vert.: 130° / 120° / 100° / 70°  
Cabinet: White (RAL 9016)  
Material: ABS / Aluminium  
Environmental Type: A  
Protection Degree: IP21C  
Operating Temperature: -10 ÷ +40 °C (+14 ÷ +104 °F)  
Relative humidity: < 95%  
Dimensions (mm): 265 x 165 x 77 (W x H x D)  
Mounting: Wall / Ceiling  
Weight: 0.96 kg (2.12 lb)  
Standard Compliance: **EN54-24:2008**

# ARTIA SERIES



## KR-AHS30T

System Type: Horn Speaker  
Drivers: 1.4" compression driver  
Power Rating @ 8Ω (nominal): 30 W  
Rated Noise Power 100h: 30 W  
Power rating @ 100V: 30 / 15 / 7.5 / 3.75 W  
Power rating @ 70V: 30 / 15 / 7.5 / 3.75 / 1.9 W  
Impedance: 8 Ω  
333 / 666 / 1.33k / 2.67k Ω @ 100V  
163 / 333 / 666 / 1.33k / 2.67k Ω @ 70V  
Connector: Ceramic Terminal block  
Power selection: Rotary Switch  
Frequency Response (-10 dB): 290 - 11k Hz  
Sensitivity at 1W (Pink, 1m / 4m): 104 / 92 dB  
Max SPL (Pink, 1m / 4m): 119 / 107 dB  
Coverage Angle at 500 / 1k / 2k / 4k Hz (-6dB): 180° / 100° / 80° / 45°  
Cabinet: White (RAL 9016)  
Material: ABS  
Environmental Type: B (IP55C)  
Operating Temperature: -25 ÷ +70 °C (-13 ÷ +158 °F)  
Relative humidity: <95%  
Dimensions (mm): 285 x 280 x 205 (W x H x D)  
Mounting: on wall using supplied bracket  
Weight: 1.9 kg (4.18 lb)  
Certification: **EN54-24:2008**



## KR-CS-6HT60BS

System Type: Horn Speaker  
LF Speaker: 6.5" Waterproof PP Woofer  
HF Speaker 1" Compression Driver  
Rated Noise Power 100h @ 100V: 60 W  
Rated Noise Power 100h @ 70V: 30 W  
Power rating @ 100V: 60 / 30 / 15 / 7.5 W  
Power rating @ 70V: 30 / 15 / 7.5 / 3.75 W  
Impedance: 167 / 333 / 666 / 1.33k Ω  
Connector: Ceramic Terminal block  
Power selection: On Transformer Terminals  
Measure Environment: Free Field  
Frequency Response (-10 dB): 200 - 20k Hz  
Sensitivity at 1W (1 kHz, 1m / 4m): 102 / 100 dB  
Sensitivity at 1W (Pink Noise 6dB Crest Factor, 1m / 4m): 99 / 87 dB  
Max SPL (Pink Noise 6dB Crest Factor, 1m / 4m): 114 / 102 dB  
Horizontal Coverage Angle at 500 / 1k / 2k / 4k Hz (-6dB): 105° / 50° / 80° / 80°  
Vertical Coverage Angle at 500 / 1k / 2k / 4k Hz (-6dB): 140° / 70° / 90° / 150°  
Cabinet: White (RAL 9016)  
Material: ABS  
Environmental Type: B  
Protection Degree: IP66  
Operating Temperature: -25 ÷ +55 °C (-13 ÷ +131 °F)  
Relative humidity: <95%  
Dimensions (mm): 418 x 332 x 391 (W x H x D)  
Mounting: on wall using supplied bracket  
Weight :7.4 kg (16.3 lb)  
Standard Compliance: **EN54-24:2008**





**INTERCOMS**



## KR-INCOM2

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Intercom System for glass counter

Inputs: 2 x MIC

Output: 1x LINE, 1x REC, 1x SPEAKER

Speakers: 2 x 1.5" 4 ohm 3W

Controls: 1 external speakers level – 1 internal speakers level

1 external mic gain – 1 internal mic gain

Frequency Response 300Hz – 10kHz (-3dB)

Power Supply: 12 Vdc 500 mA by Adapter Power Supply 100-240

V~ 50/60 Hz (supplied)

Dimensions (W x H x D): Main base: 110 x 41 x 135 mm

Mic Gooseneck: Ø 13 x 365 mm External unit: Ø 171 x 18 mm

Construction: ABS - Aluminium

Weight: 0.7 Kg (complete system)



# CONFERENCE SYSTEMS

# CONFERENCE SYSTEMS



## KR-DWSKIT

Wireless Discussion system composed of DWS receiving unit with four BMW wireless bases and battery charger.

Dual Display

Navigation keys

Level control of each individual microphone base

Infrared technology for setting the operating frequency

Mixed balanced and unbalanced output

Individual outputs for each channel

Channelled frequency mode or Tuning

Separate Squelch control for each individual Band

Wireless console with display and light ring to indicate the operational condition

Capacity: 50/60m

Metal case with 1 standard 19" rack unit

Two frequency ranges available: a: 610÷670 MHz

## KR-CONF

Conference and discussion system made in digital technology in compliance with IEC914 and ISO Standards.

Power supply and direct control of 64 microphone units

President base with priority

Three modes of operation of interventions: FREE MODE, LIMIT MODE and FIFO MODE

One MICRO and one LINE Input for external units

TAPE outputs for recording and LINE for room amplification (balanced and unbalanced)

Possibility of inserting an audio processor in the chain

Microphone SPL (1W/m) level control

Unit monitor loudspeaker level control

MALE-FEMALE 13m 8-Pin extension cable supplied



## KR-BMCD

President microphone unit with "SPEAK" key, "PRIORITY" key and LED light of electret condenser microphone activated functions mounted on flexible stem with light ring, built-in monitoring loudspeaker with volume control, headphone jack. 2m Long Y-connector cable provided.

Base Dimensions (WxHxD): 235x54x110mm

Gooseneck length: 390mm

Weight: 1.15 kg



## KR-BMDD

Delegate microphone unit with "SPEAK" key and LED light of electret condenser microphone activated functions mounted on flexible stem with light ring, built-in monitoring loudspeaker with volume control, headphone jack. 2m Long Y-connector cable provided.

Base Dimensions (WxHxD): 235x54x110mm

Gooseneck length: 390mm

Weight: 1.15 kg



## KR-EXCONFID

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Expansion unit for CONFID system. Each expansion unit can be connected with a maximum of 60 bases spread over 6 lines (never exceed 30 units per line). Using four expansion units, the system can control up to a maximum of 254.



## KR-CVMF13

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MALE-FEMALE 13 m 8-Pin extension cable.



## KR-CVMF6

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MALE-FEMALE 6 m 8-Pin extension cable.



## KR-CVMF3

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MALE-FEMALE 3 m 8-Pin extension cable.



## KR-CVMM3

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MALE-MALE 3 m 8-Pin extension cable.





# AMPLIFIERS

# AMPLIFIERS



## KR-ATMP240Z6XL

240W 6-Zone Mixer Amplifier with Media Player equipped with USB input, Bluetooth connection, WiFi interface and remote control  
Zone paging function through dedicated KR-RM6 microphone base (optional)  
Overload and short circuit protection for each speaker outputs  
LED power indicator  
LED audio level indicator  
Master level control  
Separated Level Controls for 1÷6 zones and AUX inputs  
Bass and Treble tone adjustment  
Media Player equipped with remote control  
N° 4 MIC / MIC Phantom 48V / LINE inputs balanced on Euroblock terminals  
N° 2 AUX inputs switchable by front selector  
Inputs 1 ÷ 4 with independent priority function (VOX / Contact) on the other inputs selectable by dipswitch 1 ÷ 4  
Main power output 4Ω / 70 / 100V on Euroblock terminal  
N° 6 zone outputs at 100V on Euroblock terminal.  
N° 6 zone outputs at line level balanced on Euroblock terminal  
Independent CHIME function for each input (routing)  
REC OUT on RCA.  
230 / 115 V~ 50 / 60 Hz power supply via voltage selector  
19" 2U rack adapters included



## KR-ATMP480Z6XL

480W 6-Zone Mixer Amplifier with Media Player equipped with USB input, Bluetooth connection, WiFi interface and remote control  
Zone paging function through dedicated KR-RM6 microphone base (optional)  
Overload and short circuit protection for each speaker outputs  
LED power indicator  
LED audio level indicator  
Master level control  
Separated Level Controls for 1÷6 zones and AUX inputs  
Bass and Treble tone adjustment  
Media Player equipped with remote control  
N° 4 MIC / MIC Phantom 48V / LINE inputs balanced on Euroblock terminals  
N° 2 AUX inputs switchable by front selector  
Inputs 1 ÷ 4 with independent priority function (VOX / Contact) on the other inputs selectable by dipswitch 1 ÷ 4  
Main power output 4Ω / 70 / 100V on Euroblock terminal  
N° 6 zone outputs at 100V on Euroblock terminal.  
N° 6 zone outputs at line level balanced on Euroblock terminal  
Independent CHIME function for each input (routing)  
REC OUT on RCA.  
230 / 115 V~ 50 / 60 Hz power supply via voltage selector  
19" 2U rack adapters included



## KR-RM6

Paging Base for announcement on 4 zones, designed to be used with the ATMP240ZXL amplifier. It can make a microphone call on single zones, on a group of zones or on all zones.  
ALL key for selecting all zones at the same time  
Zone keys for selecting each single zone or groups of zones  
TALK key for making the announcement  
LED indicators  
CHIME key to activate / deactivate the attention tone



## KR-AMP160XL

Professional mixer amplifier 160W - 70/100V- 4Ω  
Speaker short-circuit and overload protection circuit  
LED power indicator  
LED level indicator  
Master volume control  
Separate level controls for inputs 1÷5  
Low and high tone adjustment  
Lit knobs  
4 MIC/MIC Phantom 24/LINE balanced inputs on Euroblock terminal  
3 AUX switchable inputs from front selector  
1÷4 Inputs with VOX priority function / Contact on other inputs (selectable by dip-switch)  
MAIN - IN/OUT function  
3 outputs, one of which at constant 4Ω impedance and two at constant voltage (70/100V)  
Independent CHIME function for each input (routing)  
REC OUT output on RCA  
Balanced line level output on Euroblock terminal  
230/117V~ 50/60Hz autoswitch power supply  
Fins to fasten to a provided 1U 19" rack  
Dimensions (WxHxD): 439x44x300 mm  
483x44x300 mm - 1U 19" rack



## KR-AUP160D

Professional power unit 160W - 70/100V- 4Ω  
 Speaker short-circuit and overload protection circuit  
 LED power indicator  
 LED level indicator  
 Master volume control  
 Low and high tone adjustment  
 Lit knobs  
 Balanced LINE input on Euroblock terminal  
 Balanced LINE output on Euroblock terminal  
 3 outputs, one of which at constant 4Ω impedance and two at constant voltage (70/100V)  
 230/117V~ 50/60Hz autoswitch power supply  
 Fins to fasten to a provided 1U 19" rack  
 Dimensions (WxHxD): 439x44x300mm  
 483x44x300mm - 1U 19" rack



## KR-ATMP160XL

Combo receiver 160W - 70/100V- 4Ω  
 USB/SD MMC, BLUETOOTH integrated multimedia module and Digital AM/FM tuner  
 Speaker short-circuit and overload protection circuit  
 LED power indicator  
 LED level indicator  
 Master volume control  
 Separate level controls for inputs 1÷5  
 Low and high tone adjustment  
 Lit knobs  
 4 MIC/MIC Phantom 24/LINE balanced inputs on Euroblock terminal  
 3 AUX switchable inputs from front selector  
 1÷4 Inputs with VOX priority function / Contact on other inputs (selectable by dip-switch)  
 MAIN - IN/OUT function  
 3 outputs, one of which at constant 4Ω impedance and two at constant voltage (70/100V)  
 Independent CHIME function for each input (routing)  
 REC OUT output on RCA  
 Balanced line level output on Euroblock terminal  
 230/117V~ 50/60Hz autoswitch power supply  
 Fins to fasten to a provided 19" 2U rack  
 Dimensions (WxHxD): 439x88x300mm  
 483x88 x300mm - 19" 2U rack



## KR-ATMP30

Compact amplifier: 35W, 4/Ω-70/100V  
 Media player with USB MP3, Bluetooth and FM radio.  
 Current limiting, over current and thermal protection circuits.  
 Led start-up and level indicator.  
 Main level control (Master).  
 Separated Level Controls for 1÷2 and CH3 Aux/Media player inputs.  
 Bass and Treble tone adjustment.  
 2 MIC / MIC Phantom 24V / LINE inputs balanced on Euroblock terminals.  
 1 AUX Line RCA/Minijack Input.  
 MIC 1 Input with priority function.  
 3 outputs, one at constant impedance (4 Ω) and two at constant voltage (70 / 100 V).



## KR-ATMP60

Compact amplifier: 60W, 4/Ω-70/100V  
 Media player with USB MP3, Bluetooth and FM radio.  
 Current limiting, over current and thermal protection circuits.  
 Led start-up and level indicator.  
 Main level control (Master).  
 Separated Level Controls for 1÷2 and CH3 Aux/Media player inputs.  
 Bass and Treble tone adjustment.  
 2 MIC / MIC Phantom 24V / LINE inputs balanced on Euroblock terminals.  
 1 AUX Line RCA/Minijack Input.  
 MIC 1 Input with priority function.  
 3 outputs, one at constant impedance (4 Ω) and two at constant voltage (70 / 100 V)

# AMPLIFIERS



## KR-AUP4250S

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4-channel power unit without transformers.  
Power 4x250W. 4/8Ω 70/100V Outputs  
4 constant impedance outputs (4Ω)  
4 constant voltage outputs (70/100V) made electronically without the use of output transformers  
One balanced input for each channel  
One priority balanced input with independent level control for each channel  
Independent master control for each channel.  
Low and High tone control independent over the 4 channels  
Rear insertion independent PA-HF filter for each channel  
LED protection indicator  
LED signal presence indicator  
LED operating mode indicator (4 Ω/70V/100V)  
Switching power supply in SMPS technology  
(switch mode power supply) Fins to fasten to a 19" 2U rack  
Power Consumption: 2000VA  
Power supply: 230V~ / 117V~ 50-60 Hz  
Dimensions (WxHxD): 434x88.5x425mm – 19" 2U rack  
Weight: 10.35 kg



# PRE-AMPLIFIERS, MIXER AND PROCESSORS

# PRE-AMPLIFIERS, MIXER AND PROCESSORS



## KR-AMIX54Z

Stereo Matrix/Mixer with 5 line/micro inputs with addressable multimedia module (Tuner FM - MP3 reader)  
Five mic/line inputs on balanced COMBO and RCA Stereo  
Independent gain control over input channels 1~5 by means of a rear trimmer  
Phantom +48V that can be deselected for each input  
LED CLIP indicator for each channel input  
INPUT1 priority function over the other inputs that can be disabled  
Dip-switch (INPUT1~5) to assign the input to the outputs  
Independent volume controls (INPUT1~5)  
Four balanced stereo zones/outputs on Euroblock terminals  
Four signal presence indicators on the outputs  
Stereo/Mono selector on each output  
Independent volume controls for the four zone outputs  
MP3 multimedia player with FM radio freely addressable on the output zones  
Ground Lift  
Power supply selector 230/117V~ 50/60Hz  
Dimensions (WxHxD): 483x44.4x200mm - 19" 1U rack  
Weight: 3.4 kg



## KR-AMIX63

Analogue mixer to mix microphone/line signals, 6 Micro XLR inputs, 3 RCA Line inputs  
High-quality design and manufacturing accuracy  
Six balanced COMBO mic/line inputs  
Three unbalanced RCA stereo line inputs  
Line/mic with phantom/mic input type selectors  
LED input signal indicators for each channel  
Adjustable MIC 1 priority function on the other inputs  
Independent gain controls for channels 1~9  
Two balanced XLR outputs (Left and Right)  
Balanced mono output  
RCA type stereo REC output (Left and Right)  
LED output signal level indicators (Left and Right)  
MASTER volume control  
Tone controls  
Emergency power terminals (24 V DC)  
Power supply selector 230V~ 50/60Hz (AMIX63V117 117V~ 50/60Hz)  
Dimensions (WxHxD): 483x44x195mm 19" 1U rack  
Weight: 2.9 kg



# SOUND SPEAKERS

# SOUND SPEAKERS



## KR-PR10PL

ABS sound projector  
Loudspeaker: Full range  
Power: 10/5/2.5W @ 100V  
Frequency response: 160Hz-16kHz (-10dB)  
SPL (1W/m): 91dB  
SPL MAX (Pmax @ 1m): 101dB  
Coverage angle 1kHz/4kHz (-6dB): 130°/85°  
Colour: White (RAL 9010)  
Dimensions: Ø138-H190mm  
Weight: 1.9 kg  
U-type bracket included  
Protection rating: IP55



## KR-PR10PLB

ABS sound projector  
Loudspeaker: Full range  
Power: 10/5/2.5W @ 100V  
Frequency response: 160Hz-16kHz (-10dB)  
SPL (1W/m): 91dB  
SPL MAX (Pmax @ 1m): 101dB  
Coverage angle 1kHz/4kHz (-6dB): 130°/85°  
Colour: Black  
Dimensions: Ø138-H190mm  
Weight: 1.9 kg  
U-type bracket included  
Protection rating: IP55



## KR-PR30PL

ABS waterproof sound projector  
Loudspeaker: 5" Full range  
Power: 30/15/7.5/3.5/1.5W @ 100V 8Ω  
Frequency response: 125Hz-15kHz  
SPL (1W/m): 101dB  
SPL MAX (Pmax @ 1m): 110 dB  
Coverage angle 1kHz/4kHz (-6dB): 130°/90°  
Colour: White  
Dimensions: Ø178-H200mm  
Weight: 2.1 kg  
U-type bracket included  
Protection rating: IP56



## KR-CSE06T

Metal ceiling speaker  
Loudspeaker: 5" Full range  
Power: 6/3W @ 100V  
Frequency response: 110Hz-15kHz (-10dB)  
SPL (1W/m): 90dB  
SPL MAX (Pmax @ 1m): 98dB  
Coverage angle 1kHz/4kHz (-6dB): 150°/95°  
Colour: White (RAL 9010)  
Dimensions: Ø204-H85mm  
Weight: 0.7 kg  
Assembly: ceiling recessed  
Mounting hole: Ø175mm



## KR-XE51CT

ABS ceiling recessed speaker  
Loudspeaker: 5" Full range  
Power: 10/5/2.5W @ 100V  
Frequency response: 100Hz-20kHz (-10dB)  
SPL (1W/m): 90dB  
SPL MAX (Pmax @ 1m): 100 dB  
Coverage angle 1kHz/4kHz (-6dB): 130°/100°  
Colour: White (RAL 9010)  
Dimensions (WxHxD): Ø191.5-H78mm  
Weight: 1 kg  
Assembly: ceiling recessed  
Mounting hole: Ø165mm  
Available in pairs (single price)



## KR-XE65CT

ABS 2-way hi-fi ceiling recessed speaker  
Loudspeaker: W: 6.5" - T: 1"  
Power: 20/10/5/2.5W @ 100V  
Frequency response: 70Hz-20kHz (-10dB)  
SPL (1W/m): 87dB  
SPL MAX (Pmax @ 1m): 100 dB  
Coverage angle 1kHz/4kHz (-6dB): 130°/80°  
Colour: White (RAL 9010)  
Dimensions: Ø204-H85mm  
Weight: 1.2 kg  
Assembly: ceiling recessed  
Mounting hole: Ø179mm  
Available in pairs (single price)



## KR-CS602WIFI

Stereo system consisting of two premium 2-way 6.5" ceiling speakers, one active and one passive.  
6.5" Kevlar low frequency driver with rubber suspension.  
1" pivoting aluminum dome tweeter with EOS waveguide design.  
LF amplifier 50W @4ohm x2, HF amplifier 15W @8ohm x2.  
Streaming music via ETHERNET network (WIFI and WIRED) with no distance limitation or thru BLUETOOTH 5.0 up to 15 meters.  
High quality music streaming with sample rate decoding up to 192kHz, 24bit.  
Supports streaming source from online services, smart device memory, NAS, BLUETOOTH and line in.  
Spotify, Airplay, Qplay, DLNA, UPnP streaming protocols supported, 3rd party app compatible.  
Multiroom and multizone streaming enabled by multiple units connected in the same network.  
Free iOS and Android app available with global online update for new features.  
Spotify, Deezer, Tidal, Qobuz, iHeartRadio, TuneIn, Napster online streaming services integrated to use in the app.  
PC streaming from iTunes.  
Analogue input for connecting external audio devices.  
EQ adjustment via app.

# SOUND SPEAKERS



## KR-CS8SUB

50W @ 100V Ceiling Subwoofer  
Driver: 8" woofer  
Power Rating @ 8 Ω: 50 W  
Rated Noise Power 100h: 100 W  
Power rating @ 100V: 50 W  
Impedance:  
8 Ω (nominal)  
200Ω @ 100V  
Connector: Wire Push Terminal Block  
Power selection: Rotary Switch  
Measure Environment: Half Space on standard baffle  
Frequency Response (-6 dB): 80 - 220 Hz  
Sensitivity at 1W (100 Hz, 1m / 4m): 91 / 79 dB  
Sensitivity at 1W (Pink Noise 6dB Crest Factor, 1m / 4m): 88 / 76 dB  
Max SPL (Pink Noise 6dB Crest Factor, 1m / 4m): 108 / 96 dB  
Coverage Angle at 100 Hz (-6dB)  
Horiz: 180°  
Vert: 180°  
Cabinet: White (RAL 9016)  
Material: ABS / Iron  
Environmental Type: A  
Protection Degree: IP21C  
Operating Temperature: -10 ÷ +40 °C (+14 ÷ +104 °F)  
Relative humidity: < 95%  
Dimensions (mm): 285 x 190 (Φ x H)  
Mounting: Ceiling (250 mm / 9.8" hole)  
Weight: 3.7 kg



## KR-CS81HF

Ceiling Speaker  
Drivers: 8" woofer - 1" tweeter  
Power Rating @ 8 Ω (nominal): 40 W  
Rated Noise Power 100h: 40 W  
Power rating @ 100V: 40 / 20 / 10 / 5 W  
Power rating @ 70V: 40 / 20 / 10 / 5 / 2.5 W  
Impedance: 8 Ω (nominal): 250 / 500 / 1K / 2K Ω @ 100V  
125 / 250 / 500 / 1K / 2K Ω @ 70V  
Connector: Wire Push Terminal Block  
Power selection: Rotary Switch  
Frequency Response (-10 dB): 80 - 22k Hz  
Sensitivity at 1W (1 kHz, 1m / 4m): 90 / 78 dB  
Sensitivity at 1W (Pink Noise 6dB Crest Factor, 1m / 4m): 87 / 75 dB  
Max SPL (Pink Noise 6dB Crest Factor, 1m / 4m): 105 / 93 dB  
Coverage Angle at 500 / 1k / 2k / 4k Hz (-6dB):  
Hor.: 130° / 120° / 100° / 70°  
Vert: 130° / 120° / 100° / 70°  
Cabinet: White (RAL 9016)  
Material: ABS / Iron  
Environmental Type: A  
Protection Degree: IP21C  
Operating Temperature: -10 ÷ +40 °C (+14 ÷ +104 °F)  
Relative humidity: < 95%  
Dimensions (mm): 280 x 190 (Φ x H)  
Mounting: Ceiling (250 mm / 9.8" hole)  
Weight: 2.8 kg (6.17 lb)



## KR-CS30HSL

ABS two-way hi-fi ceiling recessed speaker and magnetic metal grid.  
Loudspeaker: W: 6" T: ¾"  
Power taps: 30/15/7.5W @ 100V  
Frequency response: 60Hz - 20KHz  
SPL(1W/m): 89 dB  
SPL MAX (Pmax @ 1m): 105 dB  
Coverage Angle 1KHz/4KHz (-6dB): 130°/120°  
Construction materials ABS/Iron  
Colour: White (RAL 9010)  
Dimensions: (Ø x D) 232 x 90 mm  
Weight: 1.85Kg  
Recess Hole: 210mm



### KR-CO30S5

Aluminium high directivity column speaker  
Loudspeaker: 5x3" ¼  
Power: 7.5/15/30 W - 100V  
Frequency response: 200Hz-19kHz (-10dB)  
SPL (1W/m): 93dB  
SPL MAX (Pmax @ 1m): 108dB  
Coverage angle 1kHz/4kHz (-6dB): V:70°/20° H:160°/120°  
Colour: White  
Dimensions (WxHxD): 91x544x88mm  
Weight: 3.5 kg



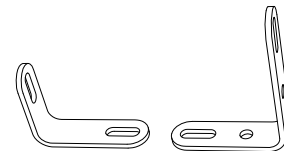
### KR-CO60S10

Aluminium high directivity column speaker  
Loudspeaker: 10x3" ¼  
Power: 15/30/60 W @ 100V  
Frequency response: 180Hz-18kHz (-10dB)  
SPL (1W/m): 93dB  
SPL MAX (Pmax @ 1m): 111dB  
Coverage angle 1kHz/4kHz (-6dB): V:40°/20° H:160°/120°  
Colour: White  
Dimensions (WxHxD): 91x94 x88mm  
Weight: 6.2 kg



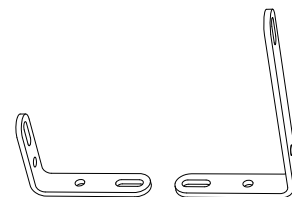
### KR-CO120S15

Aluminium high directivity column speaker  
Loudspeaker: 10x3" ¼  
Power: 60/120W  
@ 100V Frequency response 170Hz-17kHz (-10dB)  
SPL (1W/m): 94dB  
SPL MAX (Pmax @ 1m): 115dB  
Coverage angle 1kHz/4kHz (-6dB): V:30°/20° H:160°/120°  
Colour: White  
Dimensions (WxHxD): 91x1339x88mm  
Weight: 8.9 kg



### KR-SC1

Wall bracket for CO series column speakers



### KR-SC2

Wall bracket for CO series column speakers

# SOUND SPEAKERS



## KR-CO4006

Aluminium high directivity column speaker  
Loudspeaker: W: 6x2" - T: 1"  
Power: 40/20/10W @ 100V  
Frequency response: 180Hz-18kHz (-10dB)  
SPL (1W/m): 91dB  
SPL MAX (Pmax @ 1m): 107 dB  
Coverage angle 1kHz/4kHz (-6dB): V:40°/30° H:170°/140°  
Colour: White  
Swivel bracket  
Dimensions (WxHxD): 67x505x65mm  
Weight: 2.2 kg



## KR-CO4012

Aluminium high directivity column speaker  
Loudspeaker: W:12x2" - T: 1"  
Power: 40/20/10W @ 100V  
Frequency response: 180Hz-18kHz (-10dB)  
SPL (1W/m): 93dB  
SPL MAX (Pmax @ 1m): 109 dB  
Coverage angle 1kHz/4kHz (-6dB): V:30°/25° H:170°/150°  
Colour: White  
Swivel bracket  
Dimensions (WxHxD): 67x828x65mm  
Weight: 3.5 kg





## KR-HS15AL

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Aluminium horn speaker  
Power: 15/10/5/3/1W @ 100V  
Frequency response: 280Hz-12.5kHz (-10dB)  
SPL (1W/m): 108dB  
SPL MAX (Pmax @ 1m): 120dB  
Coverage angle 1kHz/4kHz (-6dB): 90°/60°  
Colour: Grey  
Dimensions: Ø212.5x229.5mm  
Weight: 1.4 kg  
U-type bracket included  
Protection rating: IP55



## KR-HS30AL

---

Aluminium horn speaker  
Power: 30/15/10/5/3/1W @ 100V  
Frequency response: 250Hz-16kHz (-10dB)  
SPL (1W/m): 109dB  
SPL MAX (Pmax @ 1m): 124dB  
Coverage angle 1kHz/4kHz (-6dB): 90°/60°  
Colour: Grey  
Dimensions: Ø259x261mm  
Weight: 1.8 kg  
U-type bracket included  
Protection rating: IP55



## KR-HS30

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ABS horn speaker  
Power: 30/15/10/5/3/1W @ 100V  
Frequency response: 250Hz-16kHz (-10dB)  
SPL (1W/m): 109dB  
SPL MAX (Pmax @ 1m): 124dB  
Coverage angle 1kHz/4kHz (-6dB): 95°/65°  
Colour: White (RAL 9010)  
Dimensions (WxHxD): 287x208x257.5mm  
Weight: 1.7 kg  
U-type bracket included  
Protection rating: IP55

# SOUND SPEAKERS



## KR-GS62

Outdoor Speaker

Drivers: 6" woofer - 0.75" tweeter

Rated Noise Power 100h: 30 W

Power rating @ 100V: 30 / 15 W

Power rating @ 70V: 15 / 7.5 / W

Impedance: 333 / 667  $\Omega$  @ 100V

333 / 667  $\Omega$  @ 70V

Power selection: On Wires

Frequency Response (-10 dB): 95 - 13k Hz

Sensitivity at 1W (1 kHz, 1m / 4m): 82 / 70 dB

Sensitivity at 1W (Pink Noise 6dB Crest Factor, 1m / 4m): 79 / 67 dB

Max SPL (Pink Noise 6dB Crest Factor, 1m / 4m): 96 / 84 dB

Coverage Angle: Hor.: 360° - Vert: 180°

Cabinet: Dark Brown (RAL 8022)

Material: Glass Fiber Reinforced Plastic / Aluminium

Environmental Type: B

Protection Degree: IP56C

Operating Temperature: -25 ÷ +70 °C (-13 ÷ +158 °F)

Relative humidity: < 100%

Dimensions (mm): 270 x 320 (Φ x H)

Mounting: Garden Ground Floor

Weight: 5.4 kg (11.9 lb)



## KR-STONE30

Stone-shape speaker

Loudspeaker: Two-way coaxial W:6.5" - T: ¾"

Power: 30/15W @ 100V - 15/7.5W @ 70V

Frequency Response (-10 dB): 95Hz -13.5kHz

Sensitivity at 1W (1 kHz, 1m/4m): 88 / 76dB

Max SPL (Pink Noise 6dB Crest Factor, 1m/4m): 102/90dB

Material Glass Fiber Reinforced Plastic / Aluminium

Colour: Brown

Dimensions (WxHxD): 255x245x230mm

Weight: 3.5kg

Protection rating: IP 56



## KR-XE35TB

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Two-way monitor speaker  
Loudspeaker: W: 3.5" T: 1"  
Power: 15/7.5/4/2/1W @ 100/70V  
30W @ 8Ω  
Frequency response: 70Hz-20kHz (-10dB)  
SPL (1W/m): 85 dB  
SPL MAX (Pmax @ 1m): 97 dB  
Coverage angle 1kHz/4kHz (-6dB): 150°/100°  
ABS body  
Colour: Black  
Dimensions (WxHxD): 130x198x130mm  
Weight: 1.8 kg  
U-type bracket included  
Available in pairs (single price)



## KR-XE55TB

---

Two-way monitor speaker  
Loudspeaker: W: 5" - T: 1"  
Power: 30/10/5/2/1W @ 100/70V  
60W @ 8Ω  
Frequency response: 70Hz-20kHz (-10dB)  
SPL (1W/m): 87dB  
SPL MAX (Pmax @ 1m): 101dB  
Coverage angle 1kHz/4kHz (-6dB): 140°/90°  
ABS body  
Colour: Black  
Dimensions (WxHxD): 181x240x172mm  
Weight: 3 kg  
U-type bracket included  
Available in pairs (single price)



## KR-XE65TB

---

Two-way monitor speaker  
Loudspeaker: W: 6.5" - T: 1"  
Power: 40/20/10/5/2W @ 100/70V  
60W @ 8Ω  
Frequency response: 70Hz-20kHz (-10dB)  
SPL (1W/m): 87dB  
SPL MAX (Pmax @ 1m): 103dB  
Coverage angle 1kHz/4kHz (-6dB): 140°/90°  
ABS body  
Colour: Black  
Dimensions (WxHxD): 217x288x204mm  
Weight: 4.2 kg  
U-type bracket included  
Available in pairs (single price)

# SOUND SPEAKERS



## KR-XE35TW

---

Two-way monitor speaker

Loudspeaker: W: 3.5" - T: 1"

Power: 15/7.5/4/2/1W @ 100/70V  
30W @ 8Ω

Frequency response: 70Hz-20kHz (-10dB)

SPL (1W/m): 85dB

SPL MAX (Pmax @ 1m): 97 dB

Coverage angle 1kHz/4kHz (-6dB): 150°/100°

ABS body

Colour: White

Dimensions (WxHxD): 130x198x130mm

Weight: 1.8 kg

U-type bracket included

Available in pairs (single price)



## KR-XE55TW

---

Two-way monitor speaker

Loudspeaker: W: 5" - T: 1"

Power: 30/10/5/2/1W @ 100/70V  
60W @ 8Ω

Frequency response: 70Hz-20kHz (-10dB)

SPL (1W/m): 87dB

SPL MAX (Pmax @ 1m): 101dB

Coverage angle 1kHz/4kHz (-6dB): 140°/90°

ABS body

Colour: White

Dimensions (WxHxD): 181x240x172mm

Weight: 3 kg

U-type bracket included

Available in pairs (single price)



## KR-XE65TW

---

Two-way monitor speaker

Loudspeaker: W: 6.5" - T: 1"

Power: 40/20/10/5/2W @ 100/70V  
60W @ 8Ω

Frequency response: 70Hz-20kHz (-10dB)

SPL (1W/m): 87dB

SPL MAX (Pmax @ 1m): 103dB

Coverage angle 1kHz/4kHz (-6dB): 140°/90°

ABS body

Colour: White

Dimensions (WxHxD): 217x288x204mm

Weight: 4.2 kg

U-type bracket included

Available in pairs (single price)



# MICROPHONES

# MICROPHONES



## KR-BM101

General announcement active call station with automatic compressor, dynamic microphone, programmable talk button (PTT or ON/OFF), level output adjustment trimmer, chime level trimmer, selectable 2 or 3 tone chime and smart priority management. Power supply from RJ45 cable or 24Vdc local adaptor.



## KR-BM102

General announcement call station with dynamic microphone, Push to talk button and priority output contact (Normally Open).



## KR-BM1

Table microphone base, with gooseneck microphone with light ring  
Sensitivity:  $-40\text{dB} \pm 2\text{dB} / 100\Omega \pm 30\%$   
Frequency response: 40Hz-20kHz (-3dB)  
Power supply: Phantom 48Vdc Batteries 3V (2x AA)  
Gooseneck length: 445 mm  
Switch: ON-OFF  
Connector: XLR  
Dimensions (WxHxD): 115x140x30mm  
Weight: 0.7 kg



## KR-MG400

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One-way electret gooseneck microphone  
Sensitivity: 7mV/Pa  
Impedance: 200Ω balanced  
Frequency response: 150Hz-18kHz (-3dB)  
Phantom power supply: 12-52Vdc  
Gooseneck length: 400mm  
Connector: XLR  
Dimensions: H400mm



## KR-BMT

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Microphone base for gooseneck MG400/500,  
connectors XLR-3P. BISTABLE ON/OFF KEY



## KR-MG500

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One-way, electret gooseneck microphone  
Sensitivity: 7mV/Pa  
Impedance: 200Ω balanced  
Frequency response: 150Hz-18kHz (-3dB)  
Phantom power supply: 12-52Vdc  
Gooseneck length: 500mm  
Connector: XLR  
Dimensions: H500mm



## KR-BMS4

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Metal base, table mounting by screws, XLR connector





# ACCESSORIES

# RACK AND ACCESSORIES



## KR-ACC

50A Circuit breaker main switch 19" Rack panel with 6 VDE sockets.  
1 Modular unit height.



## KR-MATCHBOX

Adattatore e disaccoppiatore audio universale con trasformatore di isolamento. LINEA/LINEA - 100V/LINEA



# VOLUME CONTROLS

# VOLUME CONTROLS



## KR-TRV30B

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Recessed volume attenuator for 100V lines. 50W transformer on European square box. With 24Vdc bypass relay.



## KR-TRV120B

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Recessed volume attenuator for 100V lines. 30W transformer on 503 box. With 24Vdc bypass relay.



## KR-TRV60B

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Recessed volume attenuator for 100V lines. 6W transformer on 503 box. With 24Vdc bypass relay.



# GAS DETECTION

# GAS DETECTION

## GAS DETECTORS



### KR-DT2

The KR-DT2 series detectors are manufactured in an aluminium metal housing that provides IP65 protection. Temperatures ranging from -20°C to +60°C. The KR-DT2 series detectors utilise a microprocessor unit capable of processing gas concentration data and performing dynamic calibration to ensure accurate detection.

The power supply is between 12 VDC and 24 VDC. On the front are the detector status indications via LEDs: alarm, power and communication presence and failure.

Two different versions are available for interfacing KR-DT2 series detectors:

KR-DT2-A equipped with analogue output type 4÷20 mA;

KR-DT2-I with RS485 digital output and Modbus RTU communication protocol.

The KR-DT2 series detectors can detect a wide range of explosive/flammable (e.g. Methane, LPG, ...), toxic (e.g. Carbon Monoxide, ...) or asphyxiating gases (e.g. Nitrogen, Helium, Carbon Dioxide, ...). Depending on the gas to be detected, the sensors used can be of the catalytic, electrochemical cell, infrared or semiconductor type.



### KR-DT5

The KR-DT5 gas detector is a highly accurate device that can detect gases such as methane, carbon dioxide, and LPG. It is easy to use and provides quick and accurate readings, making it an ideal tool for safety professionals.

One of the key features of the KR-DT5 gas detector is its advanced sensor technology. The device uses advanced sensors that are highly sensitive to gases and can detect even low levels of gas in the air.

Overall, KR-DT5 gas detector is a highly reliable and effective tool for detecting gas in a wide range of industrial settings. With its advanced sensor technology and durable construction, it is a must-have tool for any safety professional.

The KR-DT5 series detectors are devices made with a robust polycarbonate enclosure, with IP65 protection degree. Temperature can vary from -20°C to +60°C. KR-DT5 series detectors use a microprocessor unit capable of processing gas concentration data and performing a dynamic calibration that ensures accurate detection. The power supply can be 110~230VAC or 12~24VDC connecting the appropriate input connector. Both the voltage ranges are accepted to leave to the user the maximum flexibility for the installation.

The output of the detector is a power relay free of voltage SPDT and capable of actuating inductive loads like solenoid valves.

The intervention threshold is fixed at 10% of the L.F.L. (Lower Flammable Limit).

The sensing element is a catalytic type and can be easily replaced at the end of the functioning period.

KR-DT5 series detectors are also equipped with an internal buzzer.



## KR-DTH

The KR-DTH sensor is an electronic device designed for the detection of Methane or LPG gas in domestic environments.

The KR-DTH sensor is used in various contexts, such as domestic settings, kitchens, workplaces, holiday homes (bed and breakfasts), restaurants, industrial facilities, and, in general, in all environments where flammable gases are used.

When the presence of combustible gases exceeds the safety standard, the gas detector emits an audible alarm signal.

Thanks to continuous monitoring, the KR-DTH sensor detects natural gas (main component: methane), LPG (main components: propane and butane), and urban coal gas (alkanes, olefins, arenes). It emits an alarm signal accompanied by a red indicator light once the gas concentration exceeds 10% LEL.

The device is EN 50270 compliance.

A clean output contact, for optional connection to external devices (e.g. solenoid valves, alarm systems), allows the interruption of the gas supply in the event of a detected gas leak.

The KR-DTH sensor is powered directly by the 230 Vac mains supply.

A solid and durable wall mounting system is provided to ensure stable and secure installation. The housing is made of ABS plastic and is easy to clean.

## GAS CONTROL UNITS



## KR-CT1

The KR-CT1 is a detection unit designed for all those applications where the control and monitoring of environments to be protected from the presence of toxic or flammable gases is required.

The KR-CT1 is equipped with 8 input channels of the 4-20 mA type, to which as many gas detectors can be connected.

The control unit has 1 fault relay output and 3 alarm outputs (as per EN50545-1).

The backlit graphic display interfaces with the user the gas concentrations measured by the detectors and the alarm thresholds of each detector. Programming the control unit is done through the use of 6 navigation buttons and a user menu. There are also 4 LEDs on the front panel for immediate display of the control panel status.

The KR-CT1 is constructed and assembled inside a standard 9 module container, intended for DIN rail mounting. The power supply of the control unit is via an external power supply.



## KR-CT2

The KR-CT2 is a detection unit designed for all those applications where the control and monitoring of environments to be protected from the presence of toxic or flammable gases is required.

The KR-CT2 is equipped with a RS485 bus that can connect up to 32 gas detectors.

The control unit has 1 fault relay output and 3 alarm outputs (as per EN50545-1).

The backlit graphic display interfaces with the user the gas concentrations measured by the detectors and the alarm thresholds of each detector. Programming the control unit is done through the use of 6 navigation buttons and a user menu.

There are also 6 LEDs on the front panel for immediate display of the control panel status.

The KR-CT2 is constructed and assembled inside a standard 9-module container, intended for DIN-rail mounting. The power supply of the control unit is via an external power supply.





# FIRE DETECTION ACCESSORIES

# FIRE DETECTION ACCESSORIES



## PHOENIX

PHOENIX – Fire Communicator is a multi-path digital communicator (LAN/GSM/GPRS 2G/4G LTE) designed to receive alarm and fault signals from fire detection control panels and transmit them to manned monitoring centers or to designated individual recipients responsible for supervising a specific system.

The device is powered by an external power source (provided it is EN 54-4 certified) and operates within a supply range of 9 Vdc to 28 Vdc. It features 8 inputs (balanced or digital) and 8 outputs (4 relay outputs and 4 open-collector outputs), all available on terminal blocks and individually configurable, ensuring compatibility with all fire detection control panels lacking an integrated telephone communicator.

The evaluation of both hardware and software characteristics of the communicator, the dual alarm transmission paths via the Internet ("Primary and Backup" using Ethernet and/or GPRS/4G), as well as the adoption of standard communication protocols such as "SIA IP" (DC09 – DC05), are intended to achieve product certification in accordance with EN 54-21, the European standard governing alarm and fault signal transmission systems for continuously unmonitored fire protection installations.

PHOENIX – Fire Communicator will be available with the board housed inside a plastic enclosure, with the antenna mounted externally.

The device allows selection of transmission destinations, enabling flexibility across various installation scenarios. This makes the communicator highly versatile: it can connect to certified, continuously staffed (24/7) monitoring centers, where data routing can be directed to two different IP addresses with a configurable polling interval based on the required security level. It is also possible to notify alarms via SMS messages sent to up to 6 different recipients.

Additionally, with the optional voice module for recording editable voice messages, PHOENIX – Fire Communicator can function as a GSM voice dialer, programmed to notify alarms and faults reported by the control panel to individual recipients through telephone calls with preconfigured voice messages transmitted by the modem, again to up to 6 different phone numbers.

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