# COMMERCIAL AUDIO





With AUDIOPHONY PA, "Commercial Audio" takes on a whole new dimension.

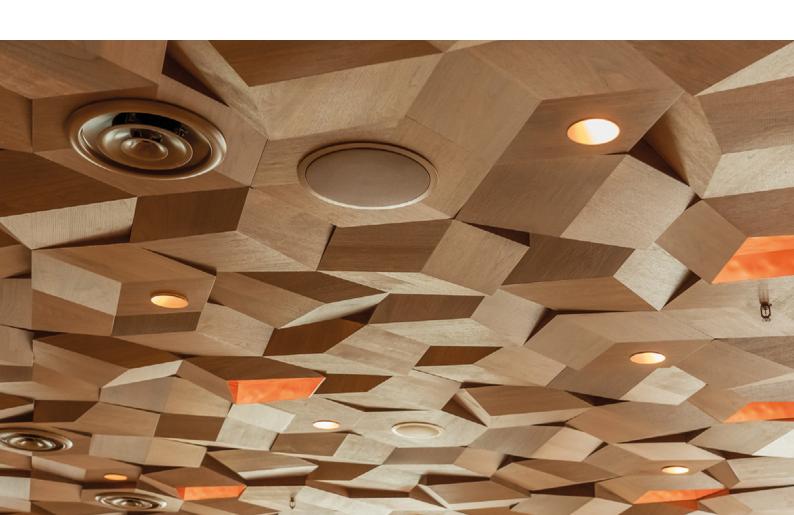
Our products are now recognized for their sound quality in trendy, upscale venues as well as in home environments, thanks to our new range of built-in amplifiers.

Sound fidelity, sleek design, and discretion are the cornerstones of our approach. The "Commercial Audio" range becomes a true sound broadcasting asset for stores, bars, public spaces, and more.

#### Great sound is a powerful commercial advantage.

And our expertise goes even further: we also provide professional and institutional environments with user-friendly, efficient solutions tailored to all types of constraints, both indoors and outdoors.

audiophony-pa.com



#### DZ-MATRIX

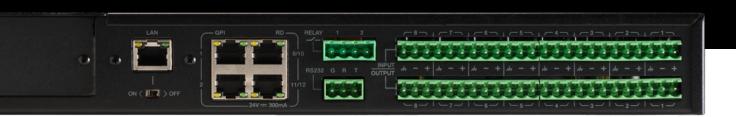
# The heart of the system.

The DZ-MATRIX is the heart of the matrix system. Its controller-type peripherals complete the series dedicated to public address, message broadcasting and zone management.



The software lets you assign all the inputs and outputs to process the signal as required. The iOS and Android compatible app gives you access to all the essential settings on your smartphones and tablets.

The multiple possibilities for meshing and the addition of the DANTE option make it ideal for large infrastructures such as shopping centres, restaurants, hotels, museums, conference halls and so on. In fact, anywhere where the number of entrances and broadcast zones requires precise configuration.



#### - LAN

Port for Ethernet connection, 10/100 M adaptive, with DHCP function.

#### - GPI

This function is used to control the input/output priority / mute all the outputs of channels 1-8.

#### - ON <> OFF

Enables or disables the Ethernet port.

#### - RD 9/10, 11/12

RD ports for connecting a remote control accessory such as DZ-BOX22, DZ-CTL, DZ- CTL2OUT, DZ-EXPAND and DZ-MICDESK. This port transmits and receives AES3 digital audio and control data.

#### - RELAY

Floating contacts whose "ON/OFF" status can be individually controlled in the "system" menu.

They are generally used as switches for third-party electrical equipment. Warning: 24V DC, control current: less than 500 mA.

#### - RS232

This interface is used to remotely control DZ-MATRIX parameters, such as changing a preset or modifying the gain of a channel.

#### - INPUT

Euroblock connector with 8 balanced analogue inputs.

#### - OUTPUT

Euroblock connector with 8 balanced analogue outputs.





#### Take control.

The software specially designed for the DZ-MATRIX allows you to manage all inputs and outputs in order to make adjustments to all channels: settings for input DSP, matrixing, output DSP, priorities, feedback eliminator, auto mix, presets, backups, link of stereo inputs or outputs, etc.

#### - DSP CHANNEL

Level adjustment, equalisation, compression, filters and phantom power for each input.

#### - MATRIX

Matrix control with input and output assignment.

#### - DUCKER

It is used to select the priority channels and the channels on which they act. Set independent trigger thresholds on all outputs.

#### - FBC

Feedback control with choice of inputs and outputs. The 24-point static or dynamic filter is set automatically.

#### - AUTO MIXER

It automatically controls the gains of several microphones in real time, reducing feedback, noise and comb filtering from neighbouring microphones. It maintains a constant system gain and crossfades perfectly without compressing the signal.

#### - SAVE/LOAD/COPY

It allows you to manage backups in the matrix or on your computer. You can save the matrix states with all the settings in the form of presets, and import or export them. You can also copy the settings from one channel to another.

#### - SYSTEM

It allows you to act on the dry contacts, restore the matrix's default settings, change the matrix name, manage GPI 1 and 2 and manage the password.

#### - DEVICE INFO

This displays all the information from the peripherals connected to the matrix.



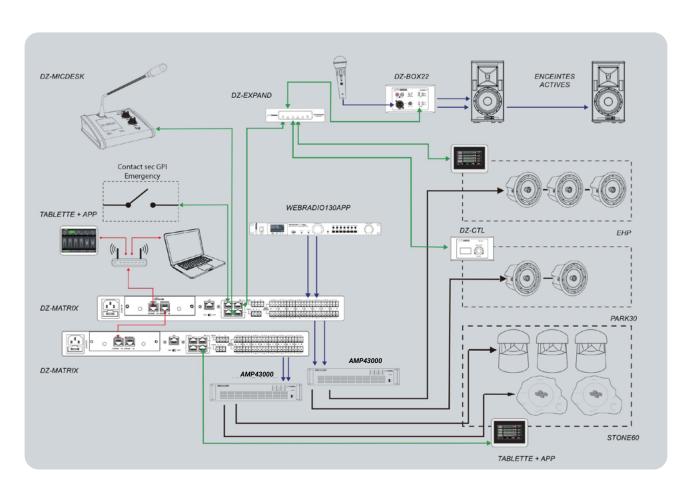
# Mobile APP available.

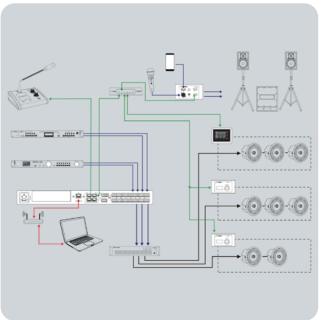
The DZ-Control app, compatible with iOS and Android, lets you control\* the matrix from your phone or tablet.

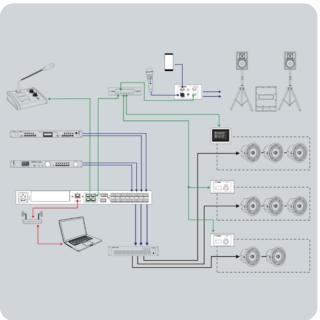
\*You need to be connected to the same Wi-Fi network as the matrix.













### **DZ-MATRIX**

Code: H11393

Related Product(s): H11398, H11397, H11394, H11400, H11395, H11399



12 x 12 digital matrix (8 x 8 analogue + 4 x 4 remote) with the possibility of adding 8 digital inputs/outputs and connecting up to 16 matrices via the optional DANTE card

| DSP Channel

| Matrix

| Ducker

| Feedback Control (FBC)

| Auto Mixer

| Save/Load/Copy

System

| Device Info

| Mobile application

- **DSP Channel:** Adjustment of levels, equalisation, compression, filters and phantom power for each input.
- **Matrix:** Flexible assignment of inputs to outputs for customised routing.
- Ducker: Priority management with independent trigger threshold settings on all outputs.
- Feedback Control (FBC): Automatic feedback elimination with static or dynamic filters.
- **Auto Mixer:** automatic control of the gains of several microphones in real time, reducing feedback and noise.
- Save/Load/Copy: Backup management,

import/export of presets and duplication of settings between channels.

- **System:** Manage dry contacts, restore default settings, change matrix name, manage GPIs and passwords.
- **Device Info:** Displays information about the peripherals connected to the matrix.

#### Mobile application:

The DZ-Control app, which is compatible with iOS and Android, lets you control the matrix from a smartphone or tablet, as long as it is connected to the same Wi-Fi network as the matrix.

#### Features:

#### Analogue I/O 8 x 8

- Connectors: 8 x 3-pin Euroblock, 5 mm pitch
- CODEC: CS5368-CQZ 24-bit, 48K A/D, CS5368-CQZ 24-bit, 48K D/A

#### Inputs

- Symmetrical
- Gain adjustment: 0 dB to 50 dB, in 12 dB steps
- Impedance: 6.5 kΩ
- Phantom power: +48 VDC, 10 mA max per input

- Signal-to-noise ratio : < 0.01%, 20 Hz ~ 20 kHZ, 0 dBu
- Maximum level: 20 dBu (7,746 VRMS)
- Frequency response: 20 Hz  $\sim$  20 kHz, 0 dB +/-1.5 dB
- Dynamic range: -126 dBu
- Crossover distortion: -70 dB max, A-weighting 20 Hz ~ 20 kHz, +20 dB

#### Outputs

- Symmetrical
- Impedance: 240 Ω
- Maximum level: +20 dBu
- Frequency response: 20 Hz  $\sim$  20 kHz, 0 dB +/-1.5 dB
- Dynamic range: -107 dBu max, A-weighted
- Crossover distortion : -87 dB, A-weighted

#### Indicators

- Signal: -30 dBu, green LED
- Clip: +17 dBu, red LED

#### nep

- Processor: SHARC ADSP-21489, 450 MHz
- Data bus length: 32 / 64 bits floating point

#### Dimensions

- W x H x D: 483 x 44 x 256 mm





### The matrix at your fingertips.

The DZ-PAD controls inputs, outputs, scenes and the system. The system is fully configurable. The names of the inputs and outputs are those created in the DZ-MATRIX software. The box can be locked by password.

On the rear, the DZ-PAD has an RD port for connection to the matrix or DZ-EXPAND\*. The second port can be used to daisy-chain a second controller.

Note that if a second controller is connected, the box will need to be supplied with 24V DC.





### **DZ-PAD**

Code: H11399

Related Product(s): H11400, H11393

Touch wall controller for DZ-MATRIX

Dimensions:

- Length: 150 mm

- Width: 115 mm

- Height: 25 mm

screen:

- Size: 4.3 inches

Code: H11400

- Visible dimensions: 95 x 54 mm





Related Product(s): H11396, H11397, H11393, H11395

To connect several controllers to the DZ-MATRIX matrix Racking option: DZ-EXPAND-RACK(H11532)

The box multiplies the number of controllers connected to the matrix. It allows connections to be deported by connecting controllers in a star configuration when chain connection is not possible.

- RD IN port: for connection to the matrix.
- RD EXP ports (1 audio): RD connection for DZ-MICDESK / DZ-CTL2OUT and  $\,$

DZ-BOX22 (remote audio data transport and control devices).

- 2/3/4 Control: RD connections for DZ-CTL / DZ-CTL2OUT (remote device control data only) / DZ-PAD.

Power supply: If several controllers are connected or if the distance between the interfaces is great, the box will need to be supplied with 24 V DC.



### **DZ-DANTE**

Code: H11394

Related Product(s): H11393

DANTE card for DZ-MATRIX matrix

- Adds 8 × 8 DANTE digital inputs/outputs to the DZ-MATRIX matrix
- Allows cascading of up to 16 matrices at 1 Gbit/s





### DZ-BOX22

Code: H11396

Related Product(s): H11393

Microphone or line connection box for assignment to RD 9/10 or RD 11/12 channels of the DZ-MATRIX matrix. Two balanced analogue outputs

- Finish colour: White



### **DZ-CTL**

Code: H11398

Related Product(s): H11393

DZ-MATRIX input/output volume control box ICD display for viewing levels and routing

- Finish colour: White



### **DZ-CTL2OUT**

Code: H11397

Related Product(s): H11393

Volume control box for DZ-MATRIX inputs and outputs. Two balanced analogue outputs.

LCD display for viewing levels and routing

- Finish colour: White



### **DZ-MICDESK**

Code: H11395

Related Product(s): H11393

Micro desk, zone manager for the DZ-MATRIX matrix

- Up to 64 different zone groups
- Each zone can be named and assigned
- Volume control
- Zone selection
- Push to talk button
- Emergency" mode to broadcast a priority emergency message
- XLR chassis for microphone (supplied) with Phantom power supply
- USB port for loading an mp3 chime (max. 4 seconds) into the internal memory
- RD port for connecting to digital channels 9/10, 11/12 of the matrix.





# 100 V amplifiers AMP600 Code: H11708





The AMP600 is a robust, high-impedance Class D amplifier ideal for fixed installations. Output power 600 W. Compatible with 100 V lines only.

- Output power: 600 W
- Compatible with 70 & 100 V lines only
- Class D for optimum energy efficiency
- Continuous temperature management and cooling by temperature-controlled ventilation
- Rear volume control
- Auto-standby after 15 minutes without signal
- Input and output connections via Euroblock connectors for fast, secure installation

- Power at 100 V: 600 W
- Output impedance at 100 V: 17 Ohms
- HPF filter 80 Hz
- Input sensitivity: 0 dBV/20K Ohms balanced
- Frequency response: 20 Hz 20 kHz
- THD+N: < 0.1% S/N: > 100 dB
- Damping factor: > 500 @ 1 kHz
- Power circuit: Class D
- Power supply: PFC switching power supply AC 90-264 V,  $50/60~\mathrm{Hz}$
- Protections: short-circuit, open-circuit, thermal, limiter, ultrasonic and radio frequency
- Connections: input Euroblock GND + & output Euroblock + -.
- Settings: ON/OFF switch on front panel, volume and HPF on rear panel  $\,$
- Indicators: Signal, -20 dB, Clip, Protect on front panel
- Cooling: by temperature-controlled ventilation
- Dimensions: 483 x 88 x 425 mm (2U, 19-inch)
- Weight: 5.8 kg



# 100 V amplifiers AMP660 Code: H11367



#### Amplifier 100 V - 660 W into 4 Ohms

- Power: 660 W (4 Ohms)

- Input voltage: Line 0.775 V/1 KHz

- Output impedance at 100 V: 15.2 Ohms

- Crossover distortion: Greater than 70 dB  $\,$ 

- Frequency response: 60 Hz - 20 KHz

- Signal-to-noise ratio : Above 75dB

- R.H.D. at 1 KHz 10V (nominal power): 0.25

- Output impedance (OUTPUT): 600 Ohms

- Output voltages: 70 V/100 V

- Power supply: AC 230V, 50Hz

- Cooling : Ventilation

- Dimensions (W x D x H): 485 x 320 x 90 mm | 19" 2U

- Net weight: 19 Kg





# AMP1000

Code: H11368



#### Amplifier 100 V - 1000 W at 4 Ohms

- Power: 1000 W (4 Ohms)

- Input voltage: Line 0.775V/1KHz

Crossover distortion: greater than 70 dB
 Output impedance at 100 V: 10 Ohms
 Frequency response: 60 Hz - 20 KHz
 Signal-to-noise ratio: greater than 75dB

- R.H.D. at 1 KHz 10V (nominal power): 0.25 - Output impedance (OUTPUT): 600 Ohms

- Output voltages: 70 V/100 V/120 V - Power supply: AC 230 V, 50 Hz

- Cooling: by ventilation

- Dimensions (W x D x H): 485 x 455 x 132 mm | 19" 3U

- Net weight: 32 kg





# AMP150.1H



#### Amplifier 100 V - Class D - 1 x 150 W

The AMP150.1H is a compact and powerful high-voltage Class D amplifier, ideal for fixed installations.

- Output power: 150 W
- Compatible with 70 V/100 V lines
- Class D for optimum energy efficiency
- Compact size for easy integration
- Integrated volume control
- LED indicators for signal, clip and protection
- Input and output connections via Euroblock connectors for fast, secure installation

This uniquely designed amplifier is engineered to deliver reliable performance and exceptional sound quality in a variety of fixed installation applications.

- Power at 100 V: 150 W
- Power at 70 V: 150 W
- Input sensitivity: 0.9-1.1V (0 +/-1 dBV)
- Input impedance: 20k balanced, 10k unbalanced
- Output impedance at 100 V: 66 Ohms
- Frequency response: 100 Hz 20 kHz
- Voltage gain (100 V): 40 dB
- THD+N: < 0.1% S/N: > 95 dB
- Damping factor: > 200
- Power circuit: Class D switching power supply
- Power supply: AC 220-240 V, 50/60 Hz
- Protections: short-circuit, open-circuit, thermal, limiter, ultrasonic and radio frequency
- Connections: input 2x Euroblock GND + & output 2x Euroblock + -
- Settings: ON/OFF switch on front panel and volume,  $70/100\,\mathrm{V}$  selector on rear panel
- Indicators: signal: green LED, clip : Red LED, power: green LED, protection: red LED
- Cooling: by regulated ventilation
- Dimensions: 483 x 44 x 360 (mm) 1U 19-inch
- Weight: 5.0 kg





# **AMP300.1H**

Code: H11632



#### Amplifier 100 V - Class D - 1 x 300 W

The AMP300.1H is a compact and powerful high-voltage Class D amplifier, ideal for fixed installations.

- Output power: 300 W
- Compatible with 70 V/100 V lines
- Class D for optimum energy efficiency
- Compact size for easy integration
- Integrated volume control
- LED indicators for signal, clip and protection
- Input and output connections via Euroblock connectors for fast, secure installation

This uniquely designed amplifier is engineered to deliver reliable performance and exceptional sound quality in a variety of fixed installation applications.

- Power at 100 V: 300 W
- Power at 70 V: 300 W
- Input sensitivity: 0.9 1.1V (0 +/-1 dBV)
- Input impedance: 20k balanced, 10k unbalanced
- Output impedance at 100 V: 33 Ohms
- Frequency response: 100 Hz 20 kHz
- Voltage gain (100 V): 40 dB
- THD+N: < 0.1% S/N: > 95 dB
- Damping factor: > 200
- Power circuit: Class D switching power supply
- Power supply: AC 220-240 V, 50/60 Hz
- Protections: short-circuit, open-circuit, thermal, limiter, ultrasonic and radio frequency
- Connections: input 2x Euroblock GND + & output 2x Euroblock + -
- Settings: ON/OFF switch on front panel and volume,  $70/100\,\mathrm{V}$  selector on rear panel
- Indicators: signal: green LED, clip : Red LED, power: green LED, protection: red LED
- Cooling: by regulated ventilation
- Dimensions: 483 x 44 x 360 (mm) 1U 19-inch
- Weight: 5.0 kg



AMP500.1H





#### Amplifier 100 V - Class D - 1 x 500 W

The AMP500.1H is a compact and powerful high-voltage Class D amplifier, ideal for fixed installations.

- Output power: 500 W
- Compatible with 70 V/100 V lines
- Class D for optimum energy efficiency
- Compact size for easy integration
- Integrated volume control
- LED indicators for signal, clip and protection
- Input and output connections via Euroblock connectors for fast, secure installation

This uniquely designed amplifier is engineered to deliver reliable performance and exceptional sound quality in a variety of fixed installation applications.

- Power at 100 V: 500 W
- Power at 70 V: 500 W
- Input sensitivity: 0.9 1.1 V (0 +/- 1 dBV)
- Input impedance: 20k balanced, 10k unbalanced
- Output impedance at 100 V: 20 Ohms
- Frequency response: 100 Hz 20 kHz
- Voltage gain (100 V): 40 dB
- THD+N: < 0.1% S/N: > 95 dB
- Damping factor: > 200
- Power circuit: Class D switching power supply
- Power supply: AC 220-240 V, 50/60 Hz
- Protections: short-circuit, open-circuit, thermal, limiter, ultrasonic and radio frequency
- Connections: input 2x Euroblock GND + & output 2x Euroblock + -
- Settings: ON/OFF switch on front panel and volume,  $70/100\,\mathrm{V}$  selector on rear panel
- Indicators: signal: green LED, clip: Red LED, power: green LED, protection: red LED
- Cooling: by regulated ventilation
- Dimensions: 483 x 44 x 360 (mm) 1U 19-inch
- Weight: 5.0 kg





# **AMP120**

Code: H9903





#### Public Address 120 W amplifier with 4 Ohms/70/100 V output

 $\mid$  Operates at 4 Ohms / 70 V / 100 V

| 24 V safety

| Adjustable input level

| 19" rackable

| High-pass filter

- RMS power: 120W

- Output levels / Impedance :

- 100V (83 Ohms)

- 70V (42 Ohms)

- 4 Ohms (21.9V)
- Balanced XLR input/output
- Power output on Phoenix plug
- Frequency response: 70Hz 18Khz
- T.H.D ( 1KHz ): <1%
- 400 Hz high-pass filter can be activated
- Power supply: 230 V 50/60 Hz
- DC24V (safety power supply)
- Dimensions: 482 x 88 x 330 mm
- 19-inch rackable, Height: 2 units
- Net weight: 11.6 Kg



# **AMP4300**

Code: H11756





The AMP4300 is a robust, high-impedance Class D amplifier, ideal for fixed installations.

Output power: 4 x 300 W.

Compatible with 70 &100 V lines only.

- | 4 x 300W 100V amplifier
- | Compact, lightweight design
- | Rear-mounted installer control
- | 80Hz HPF control
- | Power output : 4x300w
- | Compatible with 70V and 100V lines only
- | Class D for energy efficiency
- | Continuous temperature management and thermo-regulated fan coolinge
- | Rear volume control
- | Auto-standby after 15 minutes without signal
- | Input and output connections via Euroblock connectors for fast, secure installation
- | Flat/HPF 80Hz switch on each channel

- Power at 100 V: 4x 300w
- Output impedance at 100 V: 33 Ohms
- Input sensitivity: 0 dBV/20K Ohms balanced
- Frequency response: 20 Hz 20 kH
- THD+N: 100 dB
- Damping factor: > 500 @ 1 kHz
- Power circuit: Class D
- Power supply: PFC switching power supply AC 90-264 V, 50/60 Hz
- Protections: short-circuit, open-circuit, thermal, limiter, ultrasonic and radio frequency
- Connections: input Euroblock GND + & output Euroblock + -
- Settings: ON/OFF switch on front panel, volume and HPF on rear panel
- Indicators: Signal, -20 dB, Clip, Protect on front panel
- Cooling: by temperature-controlled ventilation
- Dimensions: 483 x 88 x 425 mm (2U, 19-inch)
- Weight: 6.7 kg



# AMP4120MKII

Code: H11070



#### 4-channel public address amplifier 4 x 120 W at 100 V

| 4x120 W amplifier at 100 V | Compact, lightweight design | Installer setting at rear

- 4 mono inputs via Phoenix plug
- 4 speaker outputs at 100 V via a Phoenix plug
- 4 link outputs at line level via a Phoenix plug
- Volume settings on each channel
- Flat/HPF switch on each channel

- Output impedance at 100 V: 83 Ohms
- Output volume display for each channel via a 4 LED VU meter
- Screwdriver required to access technician-level settings
- Power supply: 230V 50/60 Hz
- Frequency response: 50 Hz 15 kHz
- THD (nominal power at 1 kHz): 0.1%.
- Dimensions: 390 x 88 x 482 mm
- 19" rack mounting
- Height: 2 units
- Weight: 7.2 kg





# **COMBOevo**

Combination units amplifier-reader-mixer 100 V







COMBOevo all-in-one amplifiers offer a complete and versatile solution, ideal for a wide range of applications: bars, restaurants, shops and corporate facilities.

Available in 60 W, 120 W and 240 W versions on a 100 V line, they include a multimedia player with tuner, DAB+, Bluetooth and USB port.

For simplified and secure installation, their outputs are fitted with Euroblock connectors.





# COMBO120Evo

Code: H11657





120 W, 100 V amplifier-mixer with integrated media player: USB, FM tuner, Bluetooth and DAB+

The COMBO120Evo is an all-inone amplifier-mixer designed for professional environments such as restaurants, shops and offices. With 120W of 100V line power, it delivers high-quality sound for medium-sized spaces.

This amplifier offers great versatility thanks to its built-in media player, which includes an FM tuner, DAB+digital radio, Bluetooth 5.3 and a USB port (up to 64GB). This makes it easy to stream content from multiple sources. The outputs are fitted with Euroblock connectors, making installation quick and secure.

4Ω: 120 Watts

#### Input sensitivity:

CH 1: -52 dBV CH 2: -10 dBV CH 3: -10 dBV AUX: -10 dBV

#### Frequency response:

80 Hz - 16 kHz (± 3 dB)

#### Signal-to-noise ratio:

CH 1:  $\geq$  65 dB CH 2:  $\geq$  65 dB CH 3:  $\geq$  65 dB AUX:  $\geq$  75 dB

#### T.H.D+N:

< 1 % @ 1/8 RMS

#### equalisation:

BASS: ± 10 dB (at 100 Hz) TREBLE: ± 10 dB (at 1 kHz)

#### Output voltages :

 $4\Omega$  / 70V / 100V

#### Power circuit :

Class D switching power supply

#### **Output impedance**

100 V: 83 Ohms 70 V: 42 Ohms

#### Power supply:

AC 220-240V, 50/60 Hz DC 24V

#### Protections:

Short circuits / Open circuit / Thermal / Limiter / Ultrasound and radio frequencies

#### Connections:

4 MIC / LINE combo plugs
1 AUX input on RCA
1 TEST/ALARM input
1 balanced LINE OUT pre or post fader output
1 coaxial plug for the aerial

#### Settings:

Input level
Player level
AUX input level
bass and treble equalisation
CH 1 input priority
General level

#### Cooling:

By thermoregulated ventilation

#### Dimensions:

483 x 281 x 44 mm

#### Net weight:

4.9 kg



100V: 120 Watts 70V: 120 Watts













240 W, 100 V amplifier-mixer with integrated media player: USB, FM tuner, **Bluetooth and DAB+** 

The COMBO240Evo is a powerful and versatile all-in-one amplifier, ideal for professional installations in environments such as restaurants, shops and businesses. It delivers 240W of 100V line power, guaranteeing optimum sound coverage for large spaces.

This amplifier incorporates a complete multimedia player with FM tuner, DAB+ digital radio, Bluetooth and a USB port (up to 64GB), giving you maximum flexibility for easily distributing audio content. The outputs are fitted with Euroblock connectors, ensuring a reliable and simplified connection during installation.

#### Power:

100V: 240 Watts 70V: 240 Watts  $4\Omega$  : 240 Watts

#### Input sensitivity:

CH 1: -52 dBV CH 2: -10 dBV CH 3:-10 dBV AUX: -10 dBV

#### Frequency response:

80 Hz - 16 kHz (± 3 dB)

#### Signal-to-noise ratio:

CH 1: ≥ 65 dB CH 2: ≥ 65 dB CH 3 : ≥ 65 dB AUX: ≥ 75 dB

#### T.H.D+N:

< 1 % @ 1/8 RMS

#### equalisation:

BASS: ± 10 dB (at 100 Hz) TREBLE: ± 10 dB (at 1 kHz)

#### Output voltages:

 $4\Omega / 70V / 100V$ 

#### Power circuit:

Class D switching power supply

#### Output impedance 100 V

42 Ohms 70 V: 21 Ohms

#### Power supply:

AC 220-240V, 50/60 Hz DC 24V

#### Protections:

Short circuits / Open circuit / Thermal / Limiter / Ultrasound and radio frequencies

#### Connections:

4 MIC / LINE combo plugs 1 AUX input on RCA

1 TEST/ALARM input

1 balanced LINE OUT pre or post fader output

1 coaxial plug for the aerial

#### Settings:

Input level Player level AUX input level bass and treble equalisation CH 1 input priority General level

By thermoregulated ventilation

#### Dimensions:

483 x 281 x 44 mm

#### Net weight:

6.6 kg



Code: H11656



# COMBO60Evo









100 V, 60 W amplifier-mixer with integrated media player: USB, FM tuner, Bluetooth and DAB+

The COMBO60Evo is a compact, high-performance amplifier designed for demanding professional environments. With its 60W 100V line output, it guarantees clear, even sound distribution, perfectly suited to spaces such as restaurants, shops and businesses.

The versatile COMBO60Evo incorporates an advanced multimedia player for broadcasting via several sources: FM tuner, DAB+ digital radio, Bluetooth and USB port (up to 64GB). These options give you the flexibility to adapt the music to the ambience of your room with ease. Equipped with Euroblock connectors for the outputs, this amplifier ensures a reliable and secure installation, ideal for professional needs.

#### Power:

100V: 60 Watts 70V: 60 Watts 4Ω: 60 Watts

#### Input sensitivity:

MIC: -52 dBV LINE: -10 dBV AUX: -10 dBV

Phantom power: -52 dBV / 12 V

balanced

#### Frequency response:

80 Hz - 16 kHz (± 3 dB)

#### Signal-to-noise ratio:

MIC:  $\geq$  65 dB CH 1:  $\geq$  65 dB CH 2:  $\geq$  65 dB AUX:  $\geq$  75 dB

#### T.H.D+N:

< 1 % @ 1/8 RMS

#### equalisation:

BASS: ± 10 dB (at 100 Hz) TREBLE: ± 10 dB (at 1 kHz)

#### Output voltages:

 $4\Omega / 70V / 100V$ 

#### Power circuit:

Class D switching power supply

#### Power supply:

AC 220-240V, 50/60 Hz DC 24V

#### Protections:

Short circuits / Open circuit / Thermal / Limiter / Ultrasound and radio frequencies

#### Connections:

2 Combo plugs1 AUX input on RCA1 coaxial plug for the aerial

#### Settings:

Input level Player level AUX input level bass and treble equalisation General level

#### Cooling:

By convection

#### Dimensions:

320 x 220 x 73 mm

#### Net weight:

2.73 kg



# **PMX34**

Code: H11017

#### **Bluetooth**



- 2-input mixer
  4 punchable outputs
  1 USB/SD/TUNER/BT media player
  1U format
- 2 balanced Mic/Line inputs on Euroblocks connectors
- 1 USB/SD/BT/Tuner media recorder
- 4 balanced mono or stereo outputs on Euroblocks connectors
- Priority microphone
- Phantom power on inputs 1 and 2  $\,$

- Gain and tone control (3 bands) on channels 1 and 2
- Gain control on all inputs
- RJ45 connector for MIC-DESK4 microphone control desk
- Mute contact on outputs 1 to 4
- Assignment of zones 1 to 4 on each input channel
- Signal and Clip display on each input channel
- Output level display per zone via Vu mètre 3 LEDs
- 2-band front-panel equalisation for outputs 1 to 4
- Power supply 110-240v AC or 24v DC  $\,$









#### Mixer 4 inputs / 4 outputs

- 2 balanced mono or stereo mic/line inputs on Euroblocks connectors
- 2 mono or stereo line inputs on Euroblocks connectors
- 4 balanced mono or stereo outputs on Euroblocks connectorsreo balanced outputs on Euroblocks connectors
- Priority microphone
- Phantom power on inputs 1 and 2
- Gain and tone control (3 bands) on channels 1 and 2
- Regain control on all inputs
- RJ45 connector for MIC-DESK4 microphone control desk
- Mute contact on outputs 1 to 4
- Zone 1 to 4 assignment on each input channel
- -Signal and Clip display on each input channel
- Output level display per zone via Vu mètre 3 LEDs
- Front panel 2-band equalisation for outputs 1 to 4
- Power supply 110-240v AC or 24v DC



# MX82 Code: H10926



#### 1U 8IN 2OUT stereo mixer with priority + Remote Mic

- Nominal output Level/impedance: 0 dB / 600 Ohms balanced
- Sensitivity / Input impedance :

Microphone input (CH1-2) - 60 dB~ - 16dB / 20 Ohms balanced

- Line input (CH1-6) 60 dB~ + 4dB / 20 Ohms balanced
- Frequency response (-1 dB): 20 Hz 20 000 Hz
- T.H.D: < 0.1
- Crosstalk: > 70 dB
- Equaliser :
- -Microphone input: High: 12 kHz ± 15 dB / Medium: 2.5 kHz ± 15 dB / Low: 80 Hz ± 15 dB
- -Output: High: 10 kHz ± 15 dB / Low: 100 Hz ± 15 dB
- Hum and noise : >90 dB
- Power source: AC 240 V or 24 VDC
- Weight: 9 kg
- Dimensions: 482 x 44 x 320 mm





# PREZONE642 \*\*\*\*

Code: H9902







#### 10-input mixer and 2-zone preamp

| 2 Totally independent zones | 6 microphone inputs and 4 line inputs | Level display by zone and by input | 24 V safety power supply

- 6 mono Mic/Line inputs on XLR/Jack mono
- Phantom power supply and priority mic on inputs 1 and 2
- 4 stereo inputs on RCA or Jack
- Priority input on Jack 6.35
- Mono balanced zone 1 and 2 outputs on XLR
- Zone insert on TRS 6 jack.35
- Balanced SUB output per zone on Jack
- Stereo REC output on RCA
- Gain and tone control (3 bands) on microphone inputs.
- Gain control on stereo inputs
- Tone control (2 bands) per zone
- SUB volume control per zone

- Access to dedicated installer settings (via screwdriver)
- Zone and PFL assignment per input channel
- Signal and Peak display via LEDs
- Output level display per zone via 8 LED Vumeter
- Headphone output with volume control (zones and PFL)
- Power supply: 230 V 50/60 Hz
- Power consumption: 16 Watts
- DC24 V back-up power supply with Link Out
- Frequency response: 20 Hz 20 kHz (+/- 3dB)
- T.H.D (1 kHz nominal power): < 0.2%
- Equaliser:
- High: +/-12 dB @ 12.5 kHz
- Mid: +/-12 dB @ 2.5 kHz
- Low +/- 12 dB @ 80 Hz
- Dimensions: 295 x 085 x 482 mm
- Rackable 19 inch
- Height: 2 units
- Weight: 5 kg

#### **EACH MICROPHONE INPUT HAS:**

- A gain setting
- 3-band equalisation
- These settings are for installation purposes only and can only be changed using a screw-

#### **EACH LINE ENTRY OFFERS:**

- A gain setting. (This setting is reserved for installation and can only be changed with a screwdriver)

#### **EACH ZONE HAS:**

- Its own volume
- His own equaliser
- Its own SUB output level setting
- Its own output level display

#### THE HELMET SECTION HAS BEEN UPGRADED WITH:

- One listening selection per channel via one PFL button per channel
- The ability to listen to each output independently via a zone selector.





#### CD/USB/SD/TUNER/BT and DAB+ multimedia player

- CD/MP3 player with anti-shock memory (AVM system)
- USB drive with front USB mass storage input (FAT32 format, max. 16 GB)
- SD and SDHC drive (up to 16 GB) with front-panel slot
- Bluetooth V4.28 Player
- DAB+ tuner and 10 memory stations
- FM tuner with autoscan and 10 memory stations
- Output volume adjustment

- Directory and track navigation
- Infra-red remote control supplied
- Programmable or random playlist
- Unbalanced output (-10dB) on RCA
- Auto-play function with rear switch
- Power supply: AC 230 V 50 Hz or DC 24V
- Power consumption: 45W
- Drive dimensions: 482 x 44 x 275 mm (19" 1 unit)
- Weight: 3.4 kg

### **Controlling sources.**

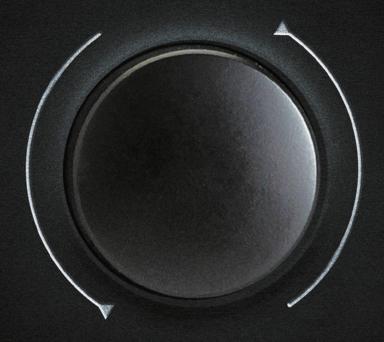
The MPU130+ is a true multimedia powerhouse capable of providing a continuous sound experience, whatever the source. Extremely easy to use with its single output, it can be controlled independently using the remote control, or directly from its front panel.

Its USB and SD ports give you access to hundreds of hours of music in continuous, programmable or random playback. The great new feature of the MPU130+ is the integration of DAB+, offering superior sound quality and access to a wider range of digital radio stations.



# WEBRADIO130App

The easiest way to access to all the world's radio stations













Multi-source system connected to the Ethernet or Wi-Fi network to play the music of your choice

- | Webradio or DAB+ for a digital choice of international music
- | USB port for playing mp3 files on your hard drive
- | Webradio control via mobile application
- | Spotify connect
- Radio: Webradio via Ethernet / Wifi, DAB and DAB+ digital radio, FM with RDS
- MP3 player: USB port for playing MP3/AAC/WMA/FLAC files on USB memory sticks or external FAT32 hard drives
- Shared files: Share audio files available on your computer network to share your favourite playlists
- Programmable start-up by calendar with choice of source
- Infrared remote control
- Aux input on 3.5 mm jack
- Line level output on RCA and headphone output on 3.5 mm jack
- Power supply: 240V 50/60Hz or DC12V
- Dimensions: 483 x 44 x 265 mm
- Net weight: 2.9 kg



Webradio control via mobile application. Android and iOS compatible

### A sound from elsewhere, an added bonus!

It's the easiest way to access all the world's radio stations. Whether you're broadcasting in a bar, a shop or a public area, you have a powerful marketing tool at your disposal. Use WEBRADIO130App to broadcast hits from other countries.







# Simple, intuitive music control.

Stream music with just a few touches. You can play a track from any audio source, thanks to its USB/SD and Aux inputs. With its line output for an external amplifier, you can broadcast your music to several rooms.



### **WALLAMPmedia**

Code: H10930

2 x 10 W USB/SD/BT/Radio/AUX wall-mounted amplifier with line output







### **WALLAMPtouch**

Code: H10931

2 x 10 W wall-mounted amplifier with USB/SD/BT/Radio/AUX touchscreen







Compatible flush-mounted box

H10637 - PILOTBOX - Square back box 47 mm white

H10638 - PILOTSCREW - Steel screw size M3.5×20 - 1 piece





# **WALLKIT**

Code: H10964

6.5" amplifier and ceiling lights 2 x 10 W

- Finish colour: Grey - Impedance:  $8\,\Omega$  - Power:  $2\times10$  W RMS - SPL max (@1m): 106 dB

- PA speaker type: Low impedance



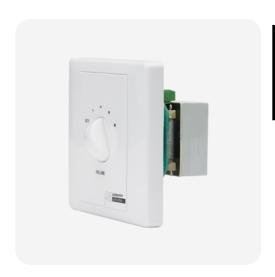




# **REG-BOX**

Code: H9754

Flush-mounted box for wall-mounted controller



# REG60

Code: H9753

Volume regulator for 100 V in-line system





# **WICASTplay**

Code: H10996

WICASTplay is a wireless audio transmitter

| 1x 3.5 mm mini-jack analogue output

| Powered by a Micro USB 5 V connector

| 300mA consumption only

| Compatible with AirPlay 1 and streaming services

major

| USB and SD drive

| Alarm function

| Programmed stop function





WiCASTplay+

Code: H11247

WiCASTplay+ is a wireless audio transmitter

| Aux input line level 200 mV

| Works with a LinkPlay card compatible with a wide range of streaming and mul-

ti-room applications

| Powered by a 15 V - 2 A connector

| Adjustable WiFi antenna

| RJ45 port

| Output on 2 RCA

| Compatible with AirPlay 1 and other audio services

major streaming

| USB drive

| Alarm function

| Programmed stop function





WiCASTamp30+

Code: H11248

| Amplification 2 x 30 W into 8 Ohms

| Works with a LinkPlay card compatible with a wide range of s

ti-room applications

| DLNA, Airplay 1, Bluetooth®.

Aux input line level 200 mV

| WiFi and Ethernet

| USB drive

| Alarm function

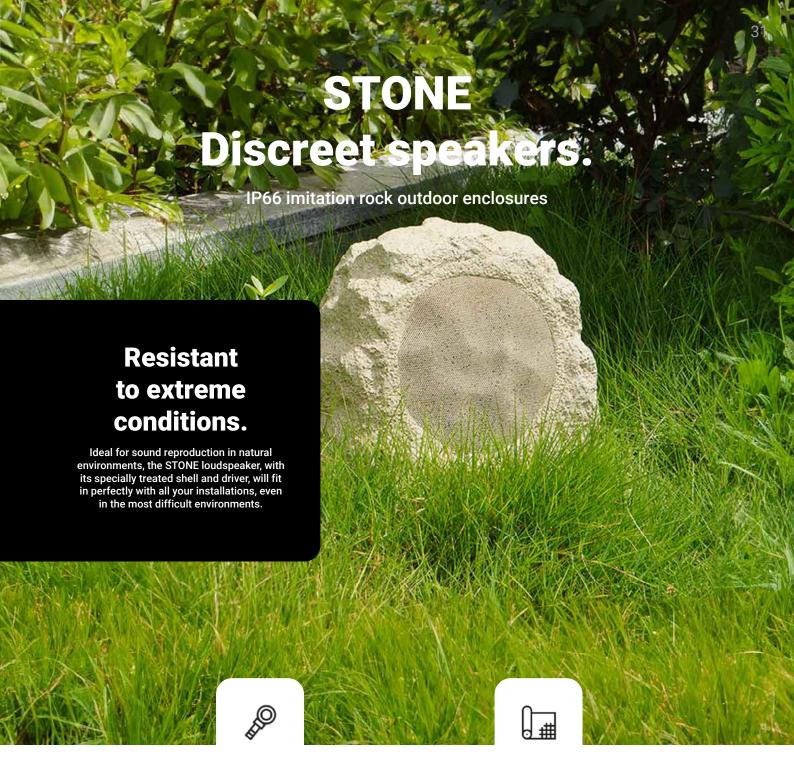
| Programmed stop function

| Supplied with infrared remote control









# Security ring.

The STONE is fitted with a mounting plate for easy installation on the floor. It is also fitted with an anti-theft security ring, enabling the speaker to be locked to an additional anchoring point for added protection against theft, which is particularly important in public places.

What's more, it has an IP66-rated cable gland for optimum protection against dust and water, guaranteeing exceptional durability even in the most demanding conditions

# Fibreglass body, aluminium grille.

The STONE speaker is designed to withstand the elements thanks to its fibreglass body. This composite material makes it exceptionally robust in the face of elements such as water, corrosion, UV rays and heat. Capable of withstanding intensive use without warping or breaking, fibreglass is also very light, making the STONE30 easy to transport and install.







# STONE30

Code: H11622

IP66 imitation rock outdoor enclosure for 100 V or 8 ohm amplifier

| Fibreglass body, light sand colour | Floor fixing plate + safety ring | Cable on IP66 watertight cable gland | 100 V or 8 ohms

- Model size: 6.5"

- Power: 15 W/100 V, 30 W/100 V

- Protection rating: IP66 - Colour: Light sand

- PA speaker type: 100 V & low impedance





Code: H11414

IP66 imitation granite rock outdoor cabinet for 100 V or 8 ohm amplifier

| Fibreglass body | Floor fixing plate + safety ring | Cable on IP66 watertight cable gland | 100 V or 8 ohms



### 360° broadcasting.

The PARK30 audio speaker delivers 360° sound. It emits sound evenly in all directions. So no matter where you are, you can enjoy an immersive and pleasant listening experience.





# PARK30-8019

Code: H11413

IP66 outdoor terminal enclosure for 100 V or 8 ohm amplifier

| Fibreglass body | Floor mounting plate | Cable on IP66 watertight cable gland | 360° broadcasting | 100 V or 8 ohms

| Finish colour: grey brown

- Power: 15 30 W / 100 V or 30 W / 8 ohms
- Power supply: 100 V/ 8 ohms
- Components: 6.5" x 1 + 3/4" x 1
- Sensitivity (1 W/1 m): 82 dB, +/-3dB
- SPL max (@1m): 97 dB
- Frequency response: 95 13,000 Hz
- Construction: grey brown (RAL8019) fibreglass
- Hanging: floor mounting plate
- Connections: cable on press iP66 sealed cable gland
- Dimensions: 265 (diam.) x 270 (H) mm
- Weight: 5.5 kg





Code: H11757 -

IP66 outdoor terminal enclosure for 100 V or 8 ohm amplifier

| Fibreglass body | Floor mounting plate | Cable on IP66 watertight cable gland

| 360° broadcasting

| 100 V or 8 ohms

| Finish colour: dark leaf green

- Power: 15 30 W / 100 V 30 W / 8 ohms
- Power supply: 100 V / 8 ohms
- Components: 6.5" x 1 + 3/4" x 1
- Sensitivity (1 W/1 m): 82 dB, +/-3dB
- Maximum SPL (@1m): 97 dB
- Frequency response: 95 13,000 Hz
- Construction: fibreglass in dark leaf green (RAL6028)
- Hook: floor fixing plate
- Connections: cable on IP66 watertight cable gland
- Dimensions: 265 (diam.) x 270 (H) mm
- Weight: 5.5 kg



# PARK30-6002

Code: H11415

IP66 outdoor terminal enclosure for 100 V or 8 ohm amplifier

| Fibreglass body

| Floor mounting plate

| Cable on IP66 watertight cable gland

| 360° broadcasting

| 100 V or 8 ohms | Finish colour: leaf green

- Power: 15 - 30 W / 100 V or 30 W / 8

ohms
- Power supply: 100 V/ 8 ohms

- Components: 6.5" x 1 + 3/4" x 1
- Sensitivity (1 W/1 m): 82 dB, +/-3dB
- SPL max (@1m): 97 dB
- Frequency response: 95 13,000 Hz
- Construction: grey brown (RAL6002) fibreglass
- Mounting: floor mounting plate
- Connections: cable on press iP66 sealed cable gland
- Dimensions: 265 (diam.) x 270 (H) mm
- Weight: 5.5 kg





# **CHF835**

Code: H10965

 $\mid$  Ceiling light 8" 35 W RMS 8  $\Omega$ 

| 2 channels

| Invisible edge design with magnetic grille.

- Finish colour: White - Impedance: 8 Ω - Power: 35 W RMS - Protection rating: IP20 - SPL max (@1m): 104 dB



### **CHF860**

Code: H9909

| Ceiling light 8" 60 W 8 Ohms

| High Fidelity Sound

| Genuine 2-way speaker with resonator box

| Simple, elegant design

| Easy installation

- Finish colour: White - Impedance: 8  $\Omega$  - Power: 250 W, 60 W RMS - Protection rating: IP20

- PA speaker type: Low impedance



### **CHP660**

Code: H9910

| 6.5" 2-way 60 W 8 Ohms and 70-100 V ceiling light | Simple, elegant design

- 1.25/2.5/5/10 W at 70 V or 100 V
- 60 W at 8 Ohms
- Impedance: 8  $\boldsymbol{\Omega}$
- Voltage: 70 -100 V
- Frequency response: 56 Hz 20 kHz
- Sensitivity >90 dB
- SPL max (@1m): 109 dB
- Protection rating: IP20



#### **TFS60**

Code: H10976

Transformer 60W Input 7.5/15/30/60w in 100v out 8 Ohms



#### **TFS20**

Code: H10975

Transformer 20W Input 2.5/5/10/20w in 100v out 80hms





### **CHP630**

Code: H10915

| 6" 30 W RMS 8 Ohms 2-way ceiling light | Invisible Edge design

- Finish colour: White
- Magnetic grille
- Impedance: 8 Ω
- Voltage: 100 V
- Power: 7.5 / 15 / 30 W

- Protection rating: IP20

### CHP630GB

Code: H10989

Black ceiling grille for CHP630

- Finish colour: Black - Model size: 6"



### CHP630SQ

Code: H10974

Square 2-way ceiling light 6" ABS white 100 V 7.5/15/30 W RMS

- Finish colour: White - Impedance: 8 Ω - Voltage: 100 V - Power: 7.5 / 15 / 30 W - SPL max (@1m): 107 dB



### **CHP620**

Code: H9757

 $\mid$  6" 2-way ceiling light 100 V / 8 Ohms ABS 10/20 W

- 2-way system
- RMS power: 20 W
- Max power: 30 W
- Impedance: 8 Ω
- Voltage: 100 V
- Clear sound

- Frequency response: 85 Hz - 18 kHz

- Sensitivity >98 dB - Max SPL (@1m): 111 dB







### **CHP610**

Code: H9756

6" 2-way ceiling light 100 V ABS 2.5/5/10 W

2-way system

| Clear sound

| Simple, elegant design

| Easy installation

- Finish colour: White - Voltage: 100 V - Power: 10 W, 2.5 W, 5 W - SPL max (@1m): 103 dB - PA speaker type: 100 V



### **CHP606**

Code: H9755

Double cone ceiling light 6" 100 V 3/6 W

| Clear and intelligible output | Double cone loudspeaker | Easy installation

- Finish colour: White - Voltage: 100 V - Power: 3 W, 6 W - SPL max (@1m): 98 dB - PA speaker type: 100 V



### CHP606b

Code: H11531

Double cone ceiling light 6" 100 V 3/6 W

| Clear, intelligible output | Double cone loudspeaker | Easy installation | Colour RAL9005

- Finish colour: Black - Voltage: 100 V - Power: 3 W, 6 W - SPL max (@1m): 98 dB - PA speaker type: 100 V



### **CHP520**

Code: H10914

5" 2-way ceiling light 100 V 5/10/20 W | Design "Invisible Edge

Finish colour: White
Wattage: 5 W, 10 W, 20 W
SPL max (@1m): 104 dB
Protection rating: IP20



### CHP520GB

Code: H10988

Related Product(s): H10914

Black ceiling grille for CHP520

- Finish colour: Black





### **CHP506**

Code: H10912

| 5" 6 W 100 V ceiling light

| Double cone

- Finish colour: White - Voltage: 100 V - Power: 3 W, 6 W - Protection rating: IP20 - PA speaker type: 100 V



### CHP520SQ

Code: H10916

Square 2-way ceiling light 5" ABS white 100 V 5/10/20 W

- Finish colour: White - Impedance: 8  $\Omega$  - Voltage: 100 V - Power: 10 W, 20 W, 5 W - SPL max (@1m) : 105 dB



### **CHP6A-Bset**

Code: H10933

2x active 6.5" ceiling lights 2 x 10 W Bluetooth® 4.0

- Finish colour: Grey
- Impedance: 8 Ω
- Power: 2 x 10 W RMS
- SPL max (@1m): 102 dB
- PA speaker type: Low impedance







### **EHP410B**

Code: H9761

4 inch ABS wall speaker Line 70/100 V/8 Ohms - Black

| High Fidelity Sound

| Indoor use

| Discreet design, available in black

| Integrated hanging system

| Low impedance or 100 V line use

- Finish colour: Black - Impedance: 8 Ω - Voltage: 100 V

- Power: 10 W, 2.5 W, 20 W, 5 W

- Protection rating: IP20



### **EHP410W**

Code: H9760

| High Fidelity Sound

| Indoor use

| Discreet design, available in black

| Integrated hanging system

| Low impedance or 100 V line use

Finish colour: White
Impedance: 8 Ω
Voltage: 100 V

- Power: 10 W, 2.5 W, 20 W, 5 W - Protection rating: IP20



### **EHP520B**

Code: H9763

5 inch wall speaker in ABS - Line  $70/100\ \text{V/8}$  Ohms - Black

| High-fidelity sound at 40 W

| Indoor use

| Discreet design, available in black finish

| Integrated hanging system

| Low impedance or 100 V line use

- Finish colour: Black - Impedance: 8  $\Omega$ 

- Voltage: 100 V

- Power: 10 W, 20 W, 40 W





### **EHP520W**

Code: H9762

5 inch wall speaker in ABS - Line 70/100 V/8 Ohms - White

| High-fidelity sound at 40 W

I Indoor use

| Discreet design, available in black

| Integrated hanging system

| Low impedance or 100 V line use

Finish colour: White
Impedance: 8 Ω
Voltage: 100 V

- Power: 20 W, 40 W, 80 W - Protection rating: IP20



### **EHP880B**

Code: H10212

Related Product(s): H10213

8" + 1" 100 V/8 Ohm 80 W speaker - Black

| High-fidelity sound at 80 W

| Discreet design, available in white or black finish

| An integrated hanging system | Low impedance or 100V line use

- Finish colour: Black - Impedance: 8 Ω - Voltage: 100 V

- Power: 20 W, 40 W, 80 W - Protection rating: IP20



### **EHP880W**

Code: H10213

Related Product(s): H10212

8" + 1" 100 V/8 Ohm 80 W speaker - White

| High-fidelity sound at 80 W

| Discreet design, available in white or black finish

| An integrated hanging system

| Low impedance or 100V line use

- Finish colour: White

- Impedance: 8  $\Omega$ 

- Voltage: 100 V

- Power: 20 W, 40 W, 80 W







## EHP420IPB

Code: H10917

4" 100 V and 8 Ohms tropicalised loudspeaker - Black

| Indoor and outdoor use

| Simple, elegant design, available in white or black finish

| Integrated hanging system

| Low impedance or 100 V line use

#### Sold in pairs

Finish colour: Black
Impedance: 8 Ω
Voltage: 100 V

- Power: 2.5 W, 5 W, 10 W, 20 W at 100 V and 20 W at 8 Ohms

- Protection rating: IP55





Code: H10918

4" 100V and 8 Ohms tropicalised speaker - White

| Indoor and outdoor use

| Integrated hanging system

| Low impedance or 100 V line use

#### Sold in pairs

- Finish colour: White - Impedance:  $8 \Omega$  - Voltage: 100 V

- Power: 2.5 W, 5 W, 10 W, 20 W at 100 V and 20 W at 8 Ohms

- Protection rating: IP55





Code: H10919

6" 100V 7.5~60W/80hm Tropicalised Speaker - Black

| Indoor and outdoor use

| Simple, elegant design, available in white or black finish

| Integrated hanging system

| Low impedance or 100 V line use

#### Sold in pairs

- Finish colour: Black - Impedance: 8  $\Omega$ 

- Voltage: 100 V

- Power: 7.5 W, 15 W, 30 W, 60 W at 100 V and 60 W at 8 Ohms







Code: H10920

Related Product(s): H10919

6" 100V 7.5~60W/80hm Tropicalised Speaker - White

Indoor and outdoor use

| Simple, elegant design, available in white or black finish

| Integrated hanging system

| Low impedance or 100 V line use

#### Sold in pairs

Finish colour: White
Impedance: 8 Ω
Voltage: 100 V

- Power: 7.5 W, 15 W, 30 W, 60 W at 100 V and 60 W at 8 Ohms

- Protection rating: IP55





Code: H9920

60W 8ohm and 70-100V tropicalised loudspeaker - Black

Indoor and outdoor use

| Simple, elegant design, available in white or black finish

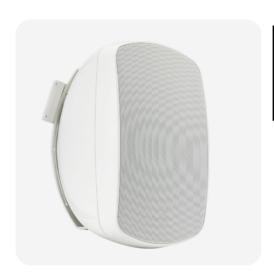
| Discreet hanging system with vertical and horizontal orientation

| Low impedance or 100 V line use

Finish colour: Black
Impedance: 8 Ω
Voltage: 100 V

- Power: 5 W, 10 W, 15 W, 20 W at 100 v and 60 W at 8 Ohms

- Protection rating: IP55



## BORNEO660W

Code: H9911

Tropicalised loudspeaker 60W 8ohms / 70-100V - White

| Indoor and outdoor use

| Simple, elegant design, available in white or black finish

| Discreet hanging system with vertical and horizontal orientation

| Low impedance or 100 V line use

- Finish colour: White - Impedance: 8  $\Omega$  - Voltage: 100 V

- Power: 5 W, 10 W, 15 W, 20 W at 100 v and 60 W at 8 Ohms





### **Bringing sound to** large open spaces.

Extremely compact, EXT loudspeakers are designed for outdoor installation. Thanks to their high power handling and high acoustic pressure, they are ideal for sound reinforcement in large spaces such as amusement parks, swimming pools and sports grounds.

With their excellent frequency response, they're perfect for broadcasting music, but they're also optimised for being heard. They deliver excellent midrange clarity. They are supplied with a safety sling and screws.









\*\*\*\*









#### **Certified IP65.**

EXTs are perfectly robust against the extreme elements. Their ABS construction resists temperature variations and bad weather.

The wiring is totally watertight thanks to the cable gland and the triple protection behind the grille protects the loudspeaker.

Close-up of the triple protection behind the gate. A layer of foam, a layer of fabric and a final layer











Code: H11615

IP65 coaxial 6.5 + 1" loudspeaker - 100 W RMS - 100 V/ 8 ohms

| Compact coaxial medium-range system

| Perfectly weatherproof

| Operates at 100 V or 8 ohms

- Finish colour: Grey - Impedance: 8  $\Omega$  - Voltage: 100 V - Model size: 6.5"

- Power: 100 W, 25 W, 50 W - Protection rating: IP65 EASE FILES are now available for the entire EXT range.





Code: H11363

IP65 coaxial 8 + 1 inch 150 W/100 V and 200 W/8 Ohms loudspeaker

| Compact coaxial medium-range system | IP65 with a minimum inclination of 5° downwards | Operates at 100 V or 8 Ohms

- Finish colour: Grey - Impedance: 8 Ω - Voltage: 100 V

- Power: 37.5 W, 75 W, 150 W - Protection rating: IP65





Code: H11364

IP65 coaxial loudspeaker 12 + 1 inches 200 W/100 V and 300 W/8 Ohms

| Compact coaxial medium-range system | IP65 with a minimum inclination of 5° downwards | Operates at 100 V or 8 Ohms

- Finish colour: Grey - Impedance: 8 Ω - Voltage: 100 V

- Power: 50 W, 100 W, 200 W - Protection rating: IP65





## EXT415

Code: H11365

15" + 1" inch coaxial IP65 loudspeaker 300 W/100 V and 400 W/8 Ohms

| Compact coaxial medium-range system | IP65 with a minimum inclination of 5° downwards | Operates at 100 V or 8 Ohms

- Finish colour: Grey - Impedance: 8  $\Omega$  - Voltage: 100 V

- Power: 75 W, 150 W, 300 W - Protection rating: IP65





Code: H11366

Subwoofer IP65 15 inch 300 W/100 V and 400 W/8 Ohms

| Ideal to complement EXT full range speakers | IP65 with a minimum inclination of 5° downwards | Operates at 100 V or 8 Ohms

- Finish colour: Grey - Impedance: 8 Ω - Voltage: 100 V

- Power: 75 W, 150 W, 300 W - Protection rating: IP65



## **EXT415SW The ideal companion.**

EXTs are perfectly robust against the extreme elements. Their ABS construction resists temperature variations and bad weather. The cabling is totally watertight thanks to the cable gland, and the triple protection behind the grille safeguards the loudspeaker.

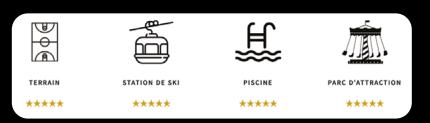
# The sound of wide open spaces, again.

Extremely compact, EXTLine loudspeakers are designed for outdoor installation. Made entirely from robust, weather-resistant aluminium, they are ideal for providing sound in large spaces such as amusement parks, swimming pools and sports grounds.



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Thanks to their rigid aluminium structure with anti-corrosion treatment and high-quality components, they deliver a highly musical sound. fitted with 4 x 4-inch drivers with waterproof Kevlar membranes and a 1-inch motor with horn for improved mid-range treble, EXTLine speakers deliver excellent midrange clarity and optimum frequency response. Operating at 100V or 8 Ohms, they are perfect for broadcasting music and making yourself heard clearly.

EXTLine loudspeakers are supplied with silicone plugs, stainless steel screws and bolts, foam and textile protection against dust and splashes, a safety sling and all the necessary screws and bolts for a secure and durable installation.



### Certified IP56.

EXTs are perfectly robust against the extreme elements. Their ABS construction resists temperature variations and bad weather.

The wiring is totally watertight thanks to the cable gland and the triple protection behind the grille protects the loudspeaker.





Code: H11617

Related product(s): H11621, H11639, H11619

### EXTLine134W

Code: H11616

Related Product(s): H11620, H11618

IP56 floor-standing 4 x 4" + 1" - 130 W RMS - 100 V/ 8 ohms

| Robust all-aluminium weather-resistant column

| High-quality components for a highly musical sound

| Operates at 100 V or 8 ohms

- Operates at 100 V or 8 ohms
- Operates at 100 V of a 61mins
   Power: 130 W RMS at 8 ohms 30/60/120 W at 100 V
   Components: 4 x 4" Kevlar waterproof drivers and 1 x 1" compression driver
   Dispersion (-6 dB): 100° x 50° (H x V)
   Sensitivity (1 W/1 m): 94 dB
   Frequency response: 120 18,000 Hz

- SPL: 115 dB continuous, 121 dB max
- Connectors: connectors with cable glands
- Aluminium body with aluminium grille and acoustic foam
- ABS body with aluminium grille and acoustic foam Silicone plugs and stainless steel screws
- Foam and textile protection against dust and splashes
- Degree of protection: IP56 (protection against dust and rain)
- Dimensions: 704 x 127 x 144 mm
- Net weight: 9 kg



**SUPlineB** Code: H11619



**FIXlineB** Code: H11621



**SUPlineW** Code: H11618



**FIXlineW** Code: H11620



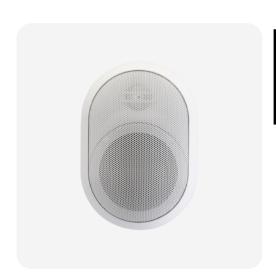




### HiFi speaker.

JAVA loudspeakers shine particularly brightly for their sound qualities, making them ideal tools for broadcasting ambient music.

The tropical treatment means they can be used to provide sound for terraces, as long as they are protected from direct exposure to rain.





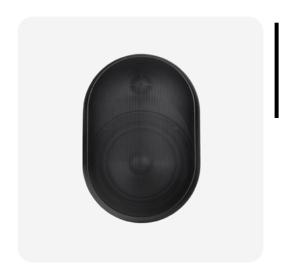
Code: H10922

Tropicalised loudspeaker 100 V 7/15 W/16 Ohms - white - per pair I Indoor and outdoor use

| Simple, elegant design, available in white or black finish | Discreet hanging system with vertical and horizontal orientation | Low impedance or 100 V line use

#### Price per pair

- Finish colour: White or black
- Impedance: 16 Ω - Voltage: 100 V - Power: 7.5 W, 15 W
- Protection rating: IP55









## JAVA530w

Code: H10924

Tropicalised loudspeaker 100 V  $3\sim30$  W/16 Ohms - White - Per pair | Indoor and outdoor use | Simple, elegant design, available in white or black finish | Discreet hanging system with vertical and horizontal orientation | Low impedance or 100 V line use

#### Price per pair

- Finish colour: White or black

- Impedance: 16 Ω - Voltage: 100 V - Power: 15 W, 30 W - Protection rating: IP55











### **Good sound outdoors.**

ONDE speakers deliver high-quality sound reproduction outdoors. With power ratings of 40, 60 or 80 W RMS and a passive radiator system, they are ideal for terraces, gardens and other outdoor spaces that are sensitive to the elements.

They can be positioned horizontally, thanks to their clip.



The tropical treatment means they can be used to provide sound for terraces, as long as they are protected from direct exposure to rain.

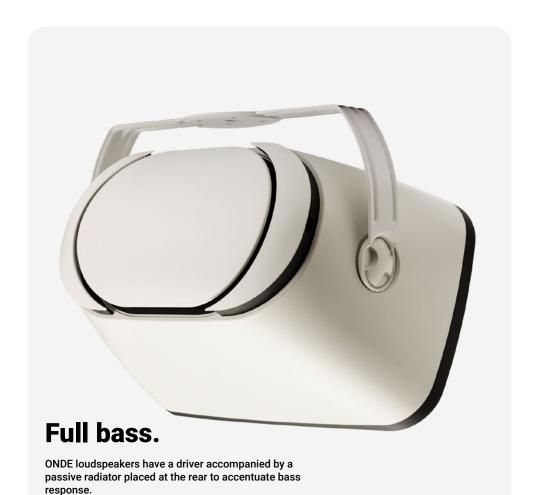












Grille without logo.

ONDE speakers have no logo on the front. They are discreet and blend in easily with any venue.

With the speakers fixed against a wall, you'll experience powerful, convincing bass thanks to the bounce effect.

High frequencies are delivered by a 25 mm diameter silk dome tweeter.









### ™ ONDE540B

Code: H11568

5" + 1" speaker + Bass radiator 40 W 100 V and 8 Ohms - IP65

| Robust ABS construction

| Operates at 100 V or 8 Ohms

| IP65 splashproof, upside down

| Supplied with hanging loop

| Rear bass reinforcement membrane

- Finish colour: Black - Impedance: 8 Ω - Voltage: 100 V

- Power: 2.5 W, 5 W, 10 W, 20 W at 100 V and 40 W at 8 Ohms

- Protection rating: IP65





### ONDE540W

Code: H11569

5" + 1" speaker + Bass radiator 40 W 100 V and 8 Ohms - IP65

| Robust ABS construction

| Operates at 100 V or 8 Ohms

| IP65 splashproof, upside down

| Supplied with hanging loop

| Rear bass reinforcement membrane

- Finish colour: White - Impedance: 8 Ω - Voltage: 100 V

- Power: 2.5 W, 5 W, 10 W, 20 W at 100 V and 40 W at 8 Ohms

- Protection rating: IP65





Code: H11371

6.5" + 1" speaker + Bass radiator 60 W 100 V and 8 Ohms - IP65

| Robust ABS construction

| Operates at 100 V or 8 Ohms

| IP65 splashproof, upside down

| Supplied with hanging loop

| Rear bass reinforcement membrane

- Finish colour: Black

- Impedance: 8 Ω

- Voltage: 100 V

- Power: 5 W, 10 W, 20 W, 40 W at 100 V and 60 W at 8 Ohms







Code: H11369

6.5" + 1" speaker + Bass radiator 60 W 100 V and 8 Ohms - IP65

| Robust ABS construction

| Operates at 100 V or 8 Ohms

| IP65 splashproof, upside down

| Supplied with hanging loop

| Rear bass reinforcement membrane

- Finish colour: White - Impedance: 8 Ω - Voltage: 100 V

- Power: 5 W, 10 W, 20 W, 40 W at 100 V and 60 W at 8 Ohms

- Protection rating: IP65





### ONDE880B

Code: H11372

8" + 1" speaker + Bass radiator 80 W 100 V and 8 Ohms - IP65

| Robust ABS construction

| Operates at 100V or 8 Ohms

| IP65 splashproof, upside down

| Supplied with hanging loop

| Rear bass reinforcement membrane

- Finish colour: Black - Impedance: 8 Ω - Voltage: 100 V

- Power: 6.5 W, 12.5 W, 25 W, 50 W at 100 V and 80 W at 8 Ohms

- Protection rating: IP65





### ONDE880W

Code: H11370

8" + 1" speaker + Bass radiator 80 W 100 V and 8 Ohms - IP65

| Robust ABS construction

| Operates at 100V or 8 Ohms

| IP65 splashproof, upside down

| Supplied with hanging loop

| Rear bass reinforcement membrane

- Finish colour: White

- Impedance: 8 Ω

- Voltage: 100 V

- Power: 6.5 W, 12.5 W, 25 W, 50 W at 100 V and 80 W at 8 Ohms







## PHP510

Code: H9759

IP55 5" sound projector

Aluminium body and cable gland for outdoor use.

| Ideal for outdoor sound systems | Power ratings: 2.5 W, 5 W or 10 W

| New swivel and detachable mounting bracket

| Easy installation

| IP55 (protection against dust and water jets)

- Finish colour: White - Voltage: 100 V

- Power: 3 W, 7 W, 15 W, 30 W at 100 V and 30 W at 8 Ohms

- Model size: 5"





Code: H11250

5" sound projector

| 30 W power

| IP55

| Robust ABS construction | Operates at 100 V or 8 Ohms

- Finish colour: White - Impedance: 8 Ω

- Voltage: 15 W, 3\.75 W, 30 W, 7\.5 W

- Power: 30 W - Model size: 5"





Code: H10211

Sound projector 50 W 70/100 V / 8 Ohms IP55

| High power and wide horn to cover a large area

| Very good voice and music reproduction

| Robust and weatherproof

- Finish colour: White - Voltage: 100 V - Power: 50 W - Model size: 6.5" - Protection rating: IP55







THE GREAT OUTDOORS



## Power and clarity in all conditions.

The PHP660 sound projector is rated at 60 W and operates at 100 V, with power options of 15/30/60 W. Designed for maximum robustness, it is constructed from durable ABS and is protected against dust and water jets (IP55).

Equipped with a 6.5" bass driver and a wide horn, it provides good vocal presence and a frequency response of 120 - 18,000 Hz. The aluminium grille and swivel mounting bracket make it easy to install





Code: H11624

6.5" + 1" 60 W 100 V sound projector

| 60 W power

| IP55

| Robust ABS construction

| Wide flag

| Good vocal presence

| Operates at 100V

- Finish colour: White

- Voltage: 100 V

- Power: 15/30/60 W

- SPL max (@1m): 110 dB

- Model size: 6.5"







## **SHP510**

Code: H9758

5" 70/100V 2.5/10W suspended aluminium IP55 enclosure

Wall-mount speaker with 13 cm driver.

The cable is fitted with a sling for suspending the speaker in complete safety.

Enables you to provide sound in places with no accessible ceiling, such as large areas.

| Ideal for high ceilings

| Concealed safety sling

| Easy installation

| IP55 (protection against dust and water jets)

Finish colour: White
Model size: 5"
Power: 10 W, 2.5 W, 5 W
Protection rating: IP55
PA speaker type: 100 V



### SHP550B

Code: H11626

5" + 1" speaker 50 W/8 ohms, 100 V

| Elegant design

| Operates at 100 V or 8 ohms

| Supplied with ring and sling (1 m)

| Wall bracket option available

- Finish colour: Black

- Model size: 5"

- SPL max (@1m): 101 dB

- Power: 6.5 W, 12.5 W, 25 W, 50 W at 100 V and 80 W at 8 Ohms

- Protection rating: IP20



### **SHP550W**

Code: H11625

5" + 1" speaker 50 W/8 ohms, 100 V

| Elegant design

| Operates at 100 V or 8 ohms

| Supplied with ring and sling (1 m)

| Wall bracket option available

- Finish colour: White

- Model size: 5"

- SPL max (@1m): 101 dB

- Power: 6.5 W, 12.5 W, 25 W, 50 W at 100 V and 80 W at 8 Ohms





### **SHP660**

Code: H11623

6.5" + 1/2" speaker 60 W/8 ohms, 100 V

The  $3.5\ m$  cable is fitted with a sling for suspending the speaker in complete safety.

Enables you to provide sound in places with no accessible ceiling, such as large areas.

| Ideal for high ceilings

| Concealed safety sling

| Easy installation

| Coaxial loudspeaker

| Operates at 100 V or 8 ohms

| IP20

- Finish colour: White - Model size: 6.5"

- Power: 7.5/15/30/60 W at 100 V - 60 W at 8 ohms

- Protection rating: IP20

- PA speaker type: 100 V & low impedance





## Raise the sound experience.

The SHP550 pendant speaker combines elegance and performance with a refined design and 50W of power. Operating at 100 V or 8 ohms, it is supplied with a ring and a sling, and features an adjustable wall bracket for optimum positioning.

Equipped with a bass-reflex system and coaxial tweeter, it delivers exceptional sound quality. The power selector and Euroblock connector add to its versatility and ease of installation.







### **SHP820W**

Code: H10925

Hanging 360° diffusion loudspeaker for 100V amplifier. Supplied with slung cable.

- Finish colour: White - Model size: 8" - Power: 10 W, 20 W, 5 W - Protection rating: IP20 - PA speaker type: 100 V



### SHP880W

Code: H11627

8" + 1.1" speaker 80 W/8 ohms, 100 V

| Elegant design

| Operates at 100 V or 8 ohms

| Supplied with ring and sling (1 m)

| Round, well-defined sound

- Finish colour: White

- Model size: 8"

- SPL max (@1m): 105 dB

- Power: 6.25/12.5/25/50 W at 100 V - 80 W at 8 ohms

- Protection rating: IP20



### SHP880B

Code: H11628

8" + 1.1" speaker 80 W/8 ohms, 100 V

| Elegant design

| Operates at 100 V or 8 ohms

| Supplied with ring and sling (1 m)

| Round, well-defined sound

- Finish colour: Black

- Model size: 8"

- Power: 6.25/12.5/25/50 W at 100 V - 80 W at 8 ohms

- SPL max (@1m): 105 dB - Protection rating: IP20





## Premium sound, everywhere!

The SHP550 and SHP880 speakers combine elegant design with outstanding sound performance to suit any environment. The SHP550, with its **50 W** power output, and the SHP880, offering **80 W** thanks to its 8" + 1.1" driver, guarantee clear, balanced sound.

Operating at **100 V or 8 ohms**, they are supplied with a ring and a sling for secure suspension, as well as a **power** selector **and a Euroblock connector** for simplified installation.

Thanks to their bass-reflex design and coaxial tweeter, they deliver precise, immersive sound. The SHP880 stands out for its sturdy ABS casing and finishing cover, ensuring harmonious integration in all types of spaces.







### **FIXlineB**

Code: H11621

Related Product(s): H11617, H11639

Wall bracket for Sline441B

- Type of support: Wall - Finish colour: Black

- Family: EXT, S





### **FIXlineW**

Code: H11620

Related Product(s): H11616, H11638

Wall bracket for Sline441W

- Type of support: Wall - Finish colour: White - Family: EXT, S





### ROT45b

Code: H9824

Related Product(s): H9761, H9763

Swivel bracket for EHP speakers - Black Only for EHP410 & EHP520



### ROT45w

Code: H9825

Related Product(s): H9760, H9762

Swivel bracket for EHP speakers - White Only for EHP410 & EHP520





### **ROT550B**

Code: H11630

Related Product(s): H11626

X/Y swivel wall bracket for SHP550B loudspeaker

- Type of support: Wall- Finish colour: Black- CMU: 3 kg

- Family: SHP





### **ROT550W**

Code: H11629

Related Product(s): H11625

X/Y swivel wall bracket for SHP550W loudspeaker

- Type of support: Wall - Finish colour: White - CMU: 3 kg

- Family: SHP





### **SUPlineB**

Code: H11619

Related Product(s): H11617, H11639

Oriental wall bracket for Sline441B column

- Type of support: Wall - Finish colour: Black - Family: EXT, S



### **SUPlineW**

Code: H11618

Related Product(s): H11616, H11638

Oriental wall bracket for Sline441W column

- Type of support: Wall - Finish colour: White

- Family: EXT, S





# The ideal tool for speeches.

The multi-loudspeaker system of the columns allows very wide horizontal diffusion while reducing the vertical angle.

This avoids echoes from ceilings in venues with complex sound systems. The column is therefore the ideal tool for speeches in large spaces.





**CLS220** 

Code: H10514

Aluminium column 2 x 2.5" 100 V 10/20 W- IP44

| Ideal in places of worship to reproduce the voice

| Aluminium body and grille

| Splash-proof

| Operates at 100V

| Columns are supplied with wall-mounting brackets.

- Finish colour: White

- HiFi: Yes

- Voltage: 100 V

- Power: 10 W, 20 W

- Protection rating: IP44





**CLS440** 

Code: H10515

4 x 2.5" aluminium column 100 V 20/40 W - IP44

| Ideal in places of worship to reproduce the voice

| Aluminium body and grille

| Splash-proof

| Operates at 100 V

| Columns are supplied with wall-mounting brackets.

- Finish colour: White

- HiFi: Yes

- Voltage: 100 V

- Power: 20 W, 40 W





### Discreet, wide-band loudspeakers.

The multi-loudspeaker system of the columns allows very wide horizontal diffusion while reducing the vertical angle.

#### Splash-proof.

The aluminium enclosures are designed to withstand humidity. The cabling is mounted on a cable gland to ensure watertightness.





Code: H10516

6 x 2.5" aluminium column 100 V 30/60 W - IP44

| Ideal in places of worship to reproduce the voice

| Aluminium body and grille

| Splash-proof

| Operates at 100 V

| Columns are supplied with wall fixing brackets

- Finish colour: White

- HiFi: Yes

- Voltage: 100 V

- Power: 30 W, 60 W

- Protection rating: IP44





**CLS880** 

Code: H10517

Aluminium column 8 x 2.5" 100 V 40/80 W - IP44

| Ideal in places of worship to reproduce the voice

| Aluminium body and grille

| Splash-proof

| Operates at 100 V

| Columns are supplied with wall fixing brackets

- Finish colour: White

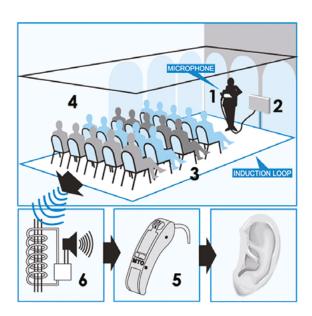
- HiFi: Yes

- Voltage: 100 V

- Power: 40 W, 80 W







#### About the magnetic loop

A hearing loop or magnetic loop is an aid system for the hearing impaired that uses a magnetic induction loop.

Thanks to this system, the sound coming from a speaker's microphone, public address system, TV set or other device is transmitted wirelessly to the person's hearing aid.vision or other equipment is transmitted wirelessly to the person's hearing aid, so that they can hear it without being disturbed by any ambient noise.

This system is mainly used in public places (conference rooms, cinemas, courts, churches, ticket offices, etc.)

A large proportion of conventional hearing aids incorporate a "T" loop function.

A magnetic loop is mainly installed in a room.

The installation consists of an electric wire running around the perimeter of the room, forming a loop. This loop is connected to an audio amplifier. The hearing aid has a coil, often called a "T" or "T-coil".

This coil, placed inside the prosthesis, is also made up of a wire that makes a large number of turns.

#### The magnetic field

The magnetic field generated by the large loop around the room will pass through the small loops in the prosthesis and, by the principle of induction, the electrical signal present in the large loop will find its way into the small loops.

The signal is transmitted from the audio amplifier to the prosthesis, which then transmits it to the hearing impaired person's ear.



#### **REGULATIONS**

Law 2005-102 of 11 FEBRUARY 2005, known as the "disability" law, requires all establishments open to the public to be made accessible by 1 January 2018

Installations open to the public are naturally concerned, such as:

Administrative and cultural facilities

Health buildings,

Sports facilities

But also supermarkets, cinemas, trains, buses...

Installations must comply with standard EN 60118-4:

Background noise (electromagnetic pollution) must be < 32 db at 400 mA/m

The magnetic field must be within +/- 3 dB for a 1 kHz signal at 400 mA/m

Frequency response should be 100 Hz - 5 Khz at +/\_ 3dB





### **BM-DESK**

Code: H11259

Portable, stand-alone magnetic loop amplifier





### **BM-KIT**

Code: H10795

Related Product(s): H10796, H10797, H10798, H10799, H10800, H10801

KIT loop amplifier for counter

This kit includes:

| 1 x induction loop amplifier

| 1 x surface micro

| 1 x power supply

| 1 x loop with cable

| 2x "Space for the hearing impaired" stickers.

| 2 inputs: 1 mic/line and 1 line

| Phantom power

| Compressor and noise limiter

| Output protection and control

| Power supply: 230V 50/60Hz - 12V DC 1,5A

| Dimension: 92x52x18mm

| Weight: 0.850 kg







### **BM-A1000**

Code: H10797

Related Product(s): H10795, H10796, H10798, H10799, H10800, H10801

Loop amplifier for areas of 1000<sup>m2</sup>



### **BM-A250**

Code: H10796

Related Product(s): H10795, H10797, H10798, H10799, H10800, H10801

Magnetic loop amplifier for 250  $\ensuremath{\text{m}}^2$  surface area



### **BM-Check**

Code: H11389

Prosthesis simulator for loop amplifier with headphones



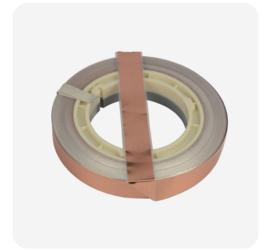


### **BM-Control**

Code: H11388

Magnetic field meter.

The field strength meter has been designed to ensure that magnetic loop systems are installed and certified in accordance with the new IEC 60118-4 standard. When these standards are complied with, the user's comfort will be identical wherever he or she is using a prosthesis fitted with the T position.



### **BM-Cu100**

Code: H10801

Related Product(s): H10795, H10796, H10797, H10798, H10799, H10800

100m copper tape -18mm wide x 0.1mm thick

BM-Cu100 is an 18mm wide, 0.1mm thick copper ribbon (section 1.8mm²) and insulated with 0.05mm Melinex tape.

Cables specially designed for induction loops where the loop must pass under carpeting or in places unsuitable for conventional cables.



### BM-Cu<sub>50</sub>

Code: H10800

Related Product(s): H10795, H10796, H10797, H10798, H10799, H10801

Copper tape 50m - 18mm wide x 0.1mm thick

The BM-Cu50 is an 18mm wide, 0.1mm thick copper ribbon (section 1.8mm²) and insulated with 0.05mm Melinex tape.

Cables specially designed for induction loops where the loop must pass under carpeting or in places unsuitable for conventional cables.







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Catalog effective as of June 1, 2025.

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Catalog published by HIT MUSIC SAS & BEGLEC SA HIT MUSIC SAS - 595 Rue de la Pièce Grande - 46230 FONTANES - France BEGLEC SA - 't Hofveld 2C - B-1702 Groot-Bijgaarden – Belgium

Product photo credits: Studio ZE – Illustration photos: Shutterstock Design: HIT MUSIC SAS



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