

ARES5A

2-Way Stereo active speaker system - 2 x 40W

Highlights:

- Stereo active speaker system (one active & one passive model)
- 2-way 5 1/4" speaker system
- Recessed mounting bracket
- Remote wall panel input connection (WP2xx series)
- Standby energy saving mode
- Vertical and horizontal mounting
- Stunning designed and elegant looking ABS enclosure

Product information:

"Sounds versatile"

The ARES5A is a 2-way active speaker system consisting of an active and passive unit to be linked with each other. It offers an easy and flexible solution for a wide variety of applications. The 2-way loudspeaker is carefully constructed out of high quality components resulting in a 5 1/4" woofer and a 1/2" high frequency tweeter. This craftsmanship in combination with an integrated DSP is creating an extremely clear and powerful sound experience for a wide range of applications.

The integrated amplifier can deliver a power of 2 x 40 Watt and includes a stereo line input which is implemented balanced and unbalanced, allowing convenient connection to any kind of audio source. Unbalanced audio sources are connected through a 3.5 mm jack connector, while balanced sources can be connected to the terminal block input connection allowing long signal runs without interference. A volume potentiometer allows the user to adjust the level of loudness while the two-band tone control allows equalization of treble and bass. The auto-standby mode reduces power consumption when no input signal is detected. The active speaker includes a stereo amplifier module, also delivering the input signal to the passive unit.

A specially designed bracket system allows close to wall installation of the speakers, while the recessed bracket structure guarantees an optimal cosmetic outlook of the system. The ARES5A can be mounted both horizontally as vertically with an inclination up to 45° on both sides, enabling to position the loudspeaker in the right direction. Due to the fact that the bracket itself consists of 2 45° corners, installation in corners or even ceiling can easily be achieved. The optional MBK455 angled mounting bracket set allows for an extra inclination of 90° when needed.

To ensure optimum safety during and after installation, the ARES is equipped with M6 drop safety.

A remote input connection implemented through an RJ45 connector allows wall panel connections, allowing expansion of the system through remote input modules. A variety of optional remote input units with different input possibilities is available.



Properties:

 Rotatable

Usage:

 Indoor

Applications:

- Education
- Retail
- Bars & Restaurants
- Corporate

System specifications:

| | | | |
|----------------------------|---------------------|---|---|
| RMS/AES power handling | | 2 x 20 W | |
| Dynamic power | | 2 x 40 W | |
| Sensitivity (1W/1m) | | 89 dB | |
| Sound Pressure (Max. W/1m) | | 105 dB | |
| Frequency | Response (± 3 dB) | 80 Hz - 20 kHz | |
| Power | Consumption | Nominal (1/8 MUP) | 11.3 W |
| | | Standby | < 0.35 W |
| Inputs | Balanced Stereo | Connector | 2 x 3-pin Euro Terminal Block (Pitch - 3.81 mm) |
| | Unbalanced Stereo | Connector | 3.5 mm Jack (2x) |
| | Remote | Connector | RJ45 |
| Power | Supply | 100 ~ 240 V AC / 50 ~ 60 Hz | |
| | Connector | IEC C7/C8 power inlet | |
| Connectors | Remote control | RJ45 | |
| Outputs | Passive loudspeaker | 2-pin Euro Terminal Block (Pitch - 5.08 mm) | |
| Drivers | HF | 13 mm (PEI tweeter) | |
| | LF | 5 1/4" (Polypropylene) | |
| Dispersion | Horizontal | 210° (Average -6 dB / 100 Hz – 10 kHz) | |
| | Vertical | 205° (Average -6 dB / 100 Hz – 10 kHz) | |

Product Features:

| | | |
|--------------|----------|---|
| Dimensions | | 150 x 240 x 146 mm (W x H x D) (excl bracket) & 150 x 240 x 194 mm (incl bracket) |
| Weight | | 3.5 kg (pair) |
| Colours | | Black (RAL9003) |
| | | White (RAL9005) |
| Construction | | ABS |
| Front finish | | Powder coated steel grill with lining |
| Bracket | | Powder Coated steel |
| Construction | | Impact & UV resistant ABS |
| Colours | | Black (RAL9005) (ARES5A/B) |
| | | White (RAL9003) (ARES5A/W) |
| Accessories | Included | Mounting bracket |
| | | Power cable |
| | | 3.5 m connection cable speaker |
| | | Wall screws and plugs |
| Optional | | WP205 - ARES5A wall panel |

Standards & regulations:

| | | |
|-----------------|-----|--|
| CE | LVD | Compliant to EN 62368 |
| | EMC | Compliant to EN 55032, EN55024, EN 61000-3-2/3 |
| CB | | Compliant to IEC 62368 |
| FCC | | Part 15C |
| cTUVus | | Compliant to IEC 62368+UL62368 |
| ENERGY STAR® | | Compliant |
| RoHS | | Compliant |
| Reach compliant | | Compliant |
| ENERGY STAR® | | Compliant |

Variants:

- ARES5A/B - Black version
- ARES5A/W - White version