

ABT-W6/AB

Fire wall aesthetic speaker A/B Power: 6W, 100V

Overview

The ABT-W6 is an elegant multi-function loudspeaker designed to guarantee the highest acoustic parameters. Its solid casing offers an effective protection against acts of vandalism. The loudspeaker can be mounted either on a wall or on a ceiling. Additionally, the ABT-W6 can be fixed as an recessed speaker and therefore it is an ideal solution for rooms where aesthetic factors play a significant role.

The loudspeaker offers adjustable power regulation through connectivity to applicable transformer tapings thus allowing suitable acoustic pressure (the level of sound) within areas of sound emission adequately to the acoustic conditions existing in those areas.

Unlike the standard wall-mounted fire alarm loudspeakers; the ABT-W6/AB is equipped with two in-built electro-acoustic transducers, two transformers and two separate sets of ceramic clamps and fuses, which allow connectivity of two independent A/B loud-speaker lines. ABT-W6/AB has been designed for application in rooms of such size and acoustic conditions that the design proposes one wall-mounted loudspeaker of VES standard. However, in case of a single fault on the loudspeaker line, there is no loss of the sound coverage area in rooms with installed wall-mounted ABT-W6/AB loudspeakers.



Details

- Certificate of Conformity issued by CNBOP: 1438-CPR-XXXX
- Compliance with BS5839-8 standard (Thermal protection)
- Exceptionally easy and quick to mount
- Modern and elegant design
- High quality sound of both speech and music
- Ideal for on-wall affordable mounting

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Technical specifications

Electrical

Power consumption	2 x 6 W
Output level	84 dB
Rated power	6 W
Tappings 100 V line according to EN 54-24, W	6 / 3 / 1.5 / 0.75
Tappings 70 V line, W	3 / 1.5 / 0.75 / 0.375
Transformer impedance, Ω	1667 / 3333 / 6667 / 13333
Driver impedance	8 Ω
Effective frequency range	120-20 000 Hz
Sensitivity at 4 m, 1 W	80 dB
SPL at 4 m, Rated power	87 dB
SPL at 1 m, 1 W, Test signal bandwidth 300 Hz - 6 kHz	94 dB
SPL at 1 m, Rated power, Test signal bandwidth 300 Hz - 6 kHz	101 dB
Dispersion at 500 Hz / 1 kHz / 2 kHz / 4 kHz, [°]	180 / 180 / 163 / 80

Physical

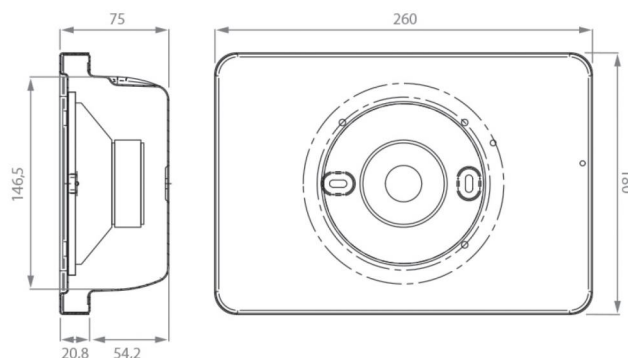
Physical dimensions	260 x 180 x 80 mm (W x H x D)
Net weight	2.25 kg
Colour	White (RAL 9003)
Mounting type	Wall mount
Mounting position	Wall
Housing material	Steel
Mounting	Screw
Optional for DC line monitoring	Capacitor
Colour optional	RAL Palette
Ease Model	

Environmental

Operating temperature	-10°C / 55°C
Environment	Indoor
IP rating	32
Environmental type / IP Rating according to EN 54-24	A / IP21C
Min / Max Amb Temp	-10°C to +55°C

Standards & regulation

Standards	EN54-24 1438-CPR-0413 1438-CPR-0415 BS5839-8 (thermal protection)
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