

ABT-SW176

Surface-mounted Loudspeaker

Features

- ▶ Compliance with EN 54-24
- ▶ Certificate of Conformity: 1438-CPR-0701
- ▶ Compliance with BS5839-8 standard (thermal protection)
- ▶ Easy and quick to mount
- ▶ Modern and elegant design
- ▶ High quality sound of both speech and music
- ▶ Ideal for on-wall or on-ceiling mounting
- ▶ 6 W transformer allowing a precise election of loudspeaker output power



Description

The ABT-SW176 is an elegant multi-function loudspeaker designed to guarantee the highest acoustic parameters. The loud-speaker can be mounted either on a wall or on a ceiling.

Our loudspeakers are perfect on any circulation routes and in staircases located in shopping centres, offices, schools, hotels, hospitals, and industrial buildings.

The loudspeaker mingles well with any interior and is virtually invisible thanks to its small dimensions and neat white finish.

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

To be quite sure our loudspeakers comply with the highest quality standards we test them thoroughly following the most meticulous procedures that warrant excellent parameters of sound emission, safety, and reliability. They are also recommended for use in any and all public address systems.

Electrical

Rated power	6 W
Tappings 100 V line according to EN 54-24	6 / 3 / 1,5 / 0,75 W
Tappings 70 V line	3 / 1,5 / 0,75 / 0,37 W
Transformer impedance @ 100 V	1667 / 3333 / 6667 / 13333 Ω
Driver impedance	8 Ω

Electrical (continued)

Effective frequency range	130 – 20000 Hz
Sensitivity @ 4 m, 1 W	79 dB
SPL @ 4 m, rated power	85 dB
SPL @ 1 m, 1 W, dB, test signal bandwidth 300 Hz – 6 kHz	91 dB
SPL @ 1 m, rated power, dB, test signal bandwidth 300 Hz – 6 kHz	97 dB
Dispersion at 500 Hz / 1 kHz / 2 kHz / 4 kHz	180 / 180 / 90 / 65 °

Environmental

Environmental type / IP rating according to EN 54-24	A / IP21C
IP rating	32
Min. / max. ambient temperature	-10°C / 55°C

Mechanical

Dimensions	Height 80 mm, Ø 170 mm
Net weight	1.2kg
Colour	White (RAL 9003) / Black (RAL 9011)
Material	Steel
Mounting	Screw

Option

For DC line monitoring	Capacitor (ABT-S176C)
Colour option	RAL palette

Frequency band:



Circular chart of directional characteristics:

