

ABT-W6F

WALL-MOUNTED LOUDSPEAKER

- ✓ *Compliance with EN 54-24*
- ✓ *Certificate of Conformity issued by CNBOP: 1438-CPR-0654*
- ✓ *Compliance with BS5839-8 standard (thermal protection)*



The ABT-W6F loudspeaker is a multifunction loudspeaker designed to ensure the highest acoustic parameters. A solid, durable housing protects the loudspeaker against acts of vandalism. It has a high degree of protection with the environmental parameters IP44 and mechanical impact IK07.

The loudspeaker is designed for wall or on ceiling mounting. In addition, it has the

option of flush mounting, which makes it perfect for interior spaces where high aesthetics is required.

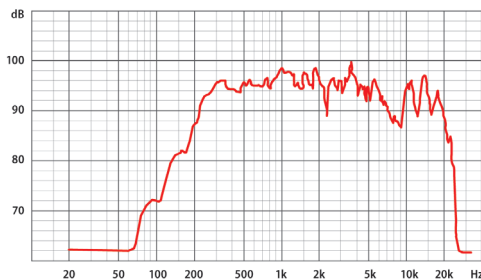
The loudspeaker has the possibility of power adjustment by connecting to the appropriate transformer tap, thanks to which it will be possible to properly adjust the sound pressure level, according to the acoustic conditions.

CHARACTERISTICS

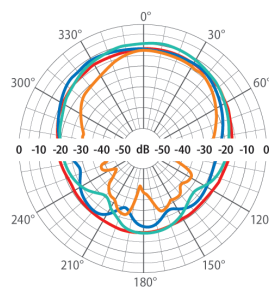
- » *Highest level of speech intelligibility*
- » *6-watt transformer allowing precise selection of the speaker power*
- » *Modern and elegant design*
- » *High quality sound of both speech and music*
- » *Ideal for on-wall or in-wall mounting*
- » *Easy and quick to mount*
- » *IP rating IP44 and IK rating IK07*

	ABT-W6F
Electrical	
Rated power, W	6
Tappings 100 V line according to EN 54-24, W	6/3/1,5/0,75
Tappings 70V line, W	3/1,5/0,75/0,37
Transformer impedance @ 100 V, Ω	1667/3333/6667/13333
Driver impedance, Ω	8
Effective frequency range, Hz	120–20 000
Sensitivity @ 4m, 1 W, dB	79
SPL @ 4m, rated power, dB	87
SPL @ 1 m, 1 W, dB, test signal bandwidth 300Hz–6 kHz	91
SPL @ 1 m, rated power, dB, test signal bandwidth 300 Hz–6 kHz	99
Horizontal dispersion at 500 Hz / 1 kHz / 2 kHz / 4 kHz, [°]	205 / 110 / 130 / 80
Vertical dispersion at 500 Hz / 1 kHz / 2 kHz / 4 kHz, [°]	230 / 135 / 120 / 80
Environmental	
Environmental type / IP rating according to EN 54-24	B / IP33C
IP rating	44C
Min./max. ambient temperature	-25°C / 70°C
Mechanical	
Dimensions, mm	260 × 180 × 80
Net weight, kg	1,75
Colour	White (RAL 9003)
Material	Steel
Mounting	Screw
Option	
For DC line monitoring	Capacitor (ABT-W6FC)
Colour optional	RAL palette
Ease Model	
	✓

Frequency band:



Circular chart of directional characteristic – horizontal:



Circular chart of directional characteristic – vertical:

