

# ABT-S226/AB

## CEILING-MOUNTED A/B LOUDSPEAKER

- ✓ Compliance with EN 54-24
- ✓ Certificate of Conformity issued by CNBOP: 1438-CPR-0899
- ✓ Compliance with BS5839-8 standard (Thermal protection)
- ✓ 6-watt transformer enabling precise handling of loudspeaker power
- ✓ Optimised level of speech intelligibility
- ✓ Operation of two A/B loudspeaker lines



The ceiling-mounted ABT-S226/AB loudspeaker has been designed to guarantee the highest quality of sound even in difficult conditions.

ABT-S226/AB is equipped with two in-built drivers, two transformers, two thermal fuses and two ceramic connection blocks, which allow the connection of two independent A/B loudspeaker lines. ABT-S226/AB has

been designed for application in rooms of such size and acoustic conditions that the design proposes one ceiling-mounted loudspeaker of VES standard. In case of a single fault on the loudspeaker line, there is no loss of the sound coverage.

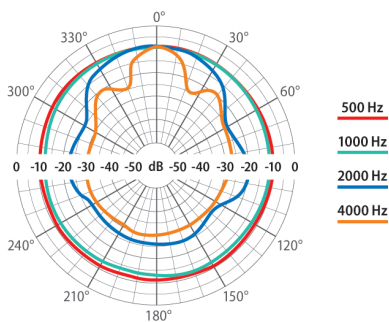
To be sure that our speakers meet the highest quality standards, we test them thoroughly according to procedures that

guarantee excellent sound emission parameters, safety and reliability. The loudspeaker offers adjustable power regulation through connection to applicable transformer tapings thus allowing suitable sound pressure level within areas of sound emission adequately to the character and acoustic conditions existing in those areas.

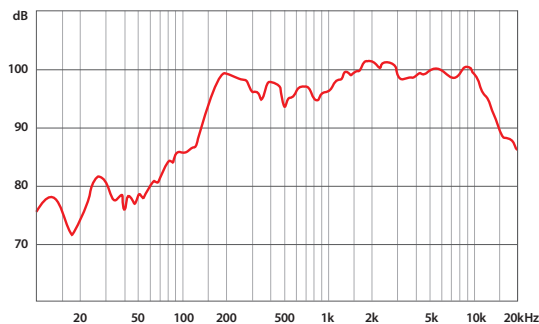


		ABT-S226/AB
<b>Electrical</b>		
Number of transducers		2
Rated power, W		2 × 6
Tappings 100 V line according to EN 54-24, W		2 × 6 / 3 / 1,5 / 0,75
Tappings 70V line, W		2 × 3 / 1,5 / 0,75 / 0,37
Transformer impedance, Ω 100V		2 × 1667 / 3333 / 6666 / 13333
Driver impedance, Ω		8
Effective frequency range, Hz		150–20000
Sensitivity @ 4 m, 1 W, dB		75
SPL @ 4 m, Rated power, dB		85
SPL @ 1 m, 1 W, dB, Test signal bandwidth 300 Hz–6 kHz		89
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, [°]		180 / 180 / 150 / 110
Vertical dispersion at 500 Hz / 1 kHz / 2 kHz / 4 kHz, [°]		180 / 160 / 80 / 40
<b>Environmental</b>		
Environmental type / IP Rating according to EN 54-24		A / IP21C
IP Rating		32
Min / Max Amb Temp		-10°C / 55°C
<b>Mechanical</b>		
Dimensions, mm		Height 115 mm , ø220
Net Weight, kg		1,8
Colour		White (RAL 9003)
Material		Steel
Mounting		Spring clamp
<b>Option</b>		
For DC line monitoring		Capacitor (ABT-S226C/AB)
Colour optional		RAL Palette
<b>Ease Model</b>		

Circular chart of directional characteristic – horizontal:



Frequency band:



Circular chart of directional characteristic – vertical:

