

# ABT-S206F

## CEILING-MOUNTED PROMPT INSTALLATION LOUDSPEAKERS

- ✓ *Full compliance with EN 54-24 Standards*
- ✓ *Certificate of Conformity: 1438-CPR-0622*
- ✓ *Compliance with BS5839-8 standard (thermal protection)*



The ABT-S206F loudspeakers are designed to operate at high sound pressure levels with maximum reduction in required power. The actual high efficiency of the speakers over a wide bandwidth guarantees the highest speech intelligibility.

The parameters of the speakers have been carefully selected for operation in ceilings suspended ceilings at standard height, as well as in cases where the distance to the ceiling is much higher.

ABT-S206F loudspeakers combine excellent acoustic parameters with high aesthetics, resistance to mechanical damage and changes atmospheric conditions. They have a high degree of protection against environmental parameters IP54 and mechanical impact IK07.

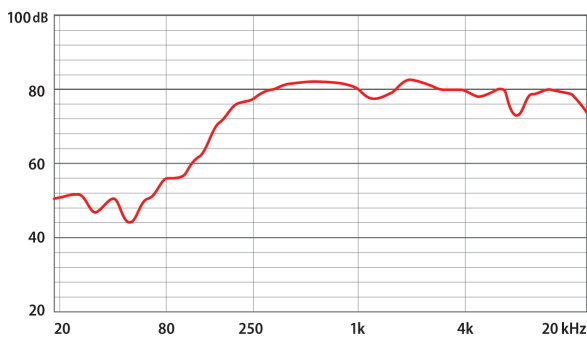
### CHARACTERISTICS

- » *Exceptionally reliable reproduction of full band music*
- » *The highest level of verbal communication understanding*
- » *Elegant looks*
- » *6 W transformer allowing a precise selection of loudspeaker output power*
- » *100% protection of line from breaks and short-circuits*
- » *IP rating IP54 / IK rating IK07*



		ABT-S206F
<b>Electrical</b>		
Rated power, W		6
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 / 0,38
Transformer impedance @ 100 V, Ω		1667/3333 / 6667/13333
Driver impedance, Ω		8
Effective frequency range, Hz		82–20000
Sensitivity @ 4 m, 1 W, dB		77
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		97
Dispersion at 500 Hz / 1 kHz / 2 kHz / 4 kHz, [°]		180 / 180 / 160 / 85
<b>Environmental</b>		
Environmental type / IP rating according to EN 54-24		B / IP33C
IP rating		54
Min./max. ambient temperature		-25°C / 70°C
<b>Mechanical</b>		
Dimensions, mm		Height 130, ø204
Net weight, kg		1,34
Colour		Biały (RAL 9003)
Material		Steel
Mounting		Spring clamp
Cut-out, mm		ø 170
<b>Option</b>		
For DC line monitoring		Capacitor (ABT-S206FC)
Colour optional		RAL palette

Frequency band:



Circular chart of directional characteristic:

