

ABT-S2030 / S2030B

TWO-WAY CEILING SPEAKERS

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



ABT-S2030 and ABT-S2030B are 30W two-way ceiling speakers designed for installation in Voice Alarm Systems, providing excellent sound quality while meeting fire safety requirements. Utilizing two-way technology, these speakers offer a wide frequency response, allowing for faithful reproduction of both low and high frequencies. The construction of the speakers is made from materials resistant to high temperatures, ensuring the continuity of the speaker line is protected against interruption or short-circuiting in fire conditions.

The speakers are characterized by high sensitivity, which allows for effective coverage of large areas with sound while consuming

minimal energy. Easy installation in suspended ceilings and an aesthetic appearance make them a perfect fit for various interiors without disrupting their design. The product complies with EN 54-24 standards, ensuring its reliability and safety.

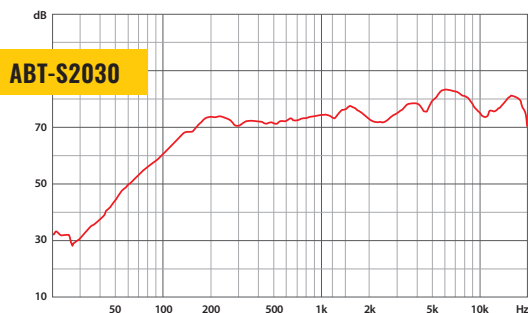
CHARACTERISTICS

- » **High Sound Quality:** *Two-way design ensures excellent sound quality.*
- » **Fire Safety:** *Complies with EN 54-24 fire safety standards.*
- » **Ease of Installation:** *Simple installation in suspended ceilings.*
- » **Aesthetics:** *Discreet appearance that fits any interior*
- » **100% protection of line from breaks and short-circuits**

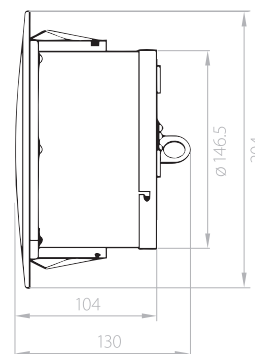
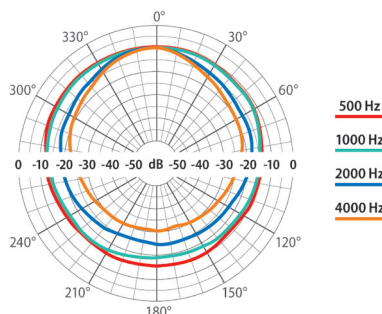


	ABT-S2030	ABT-S2030B
Electrical		
Rated power, W	30	30
Tappings 100 V line according to EN 54-24, W	30 / 20 / 15 / 10	30 / 20 / 15 / 10
Tappings 70 V line, W	15 / 10 / 7,5 / 5	15 / 10 / 7,5 / 5
Transformer impedance @ 100 V, Ω	333 / 500 / 666 / 1000	333 / 500 / 666 / 1000
Driver impedance, Ω	4	8
Effective frequency range, Hz	70 - 20000	80 - 20000
Sensitivity @ 4 m, 1 W, dB	76	79
SPL @ 4 m, rated power, dB	90	93
SPL @ 1 m, 1 W, dB, test signal bandwidth 300 Hz – 6 kHz	88	91
SPL @ 1 m, rated power, dB, test signal bandwidth 300 Hz – 6 kHz	102	105
Dispersion at 500 Hz / 1 kHz / 2 kHz / 4 kHz, [°]	180 / 180 / 160 / 85	180 / 180 / 160 / 85
Environmental		
Environmental type / IP rating according to EN 54-24	A / IP21C	A / IP21C
IP rating	32C	32C
Min. / max. ambient temperature	-10°C / 55°C	-10°C / 55°C
Mechanical		
Dimensions, mm	Height 130, $\varnothing$ 204	Height 130, $\varnothing$ 204
Net weight, kg	1,95	2,05
Colour	White (RAL 9003)	White (RAL 9003)
Material	Steel	Steel
Mounting	Spring clamp	Spring clamp
Cut-out, mm	$\varnothing$ 170	$\varnothing$ 170
Option		
For DC line monitoring	Capacitor (ABT-S2030C / ABT-S2030BC)	
Colour optional	RAL palette	RAL palette

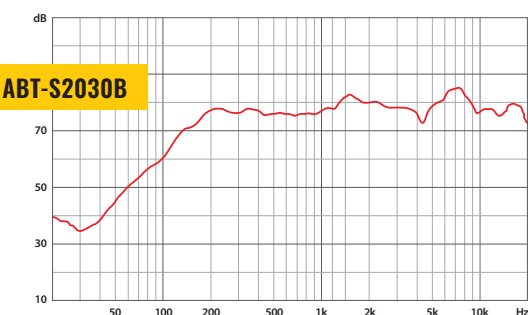
Frequency band:



Circular chart of directional characteristic:



Frequency band:



Circular chart of directional characteristic:

