ABT-HP200

HIGH POWER LOUDSPEAKER

✓ *Two-way coaxial design*

✓ *200 W transformers for 70 V and 100 V*

✓ *Highest level of speech intelligibility*

✓ *Waterproof housing IP65*

✓ *Wide frequency range suitable for music*

✓ *Easy installation*

ABT-HP200 is a coaxial two-way Public Address speaker with a power of 200W, designed for operation in 70V and 100V systems. It is ideally suited for use in sports and multifunctional facilities. Its versatility allows for effective sound reinforcement in small stadiums, sports halls, school fields, gymnasiums, and other public spaces requiring clear and evenly distributed sound emission. Thanks to its two-way coaxial design, the speaker offers excellent sound clarity, ensuring natural reproduction of both speech and music. Due to its construction and high efficiency, the speaker provides full coverage of the sound-reinforced area, offering balanced sound with even response across both high and low frequencies. It is designed to operate in harsh weather conditions, making it an ideal choice for outdoor installation in stadiums and similar venues.

	ABT-HP200
Electrical	
Number of transducers	2
Rated power, W	200
Tappings 100 V, W	200 / 100 / 50 / 25
Tappings 70 V line, W	200 / 100 / 50 / 25
Transformer impedance @ 100 V, Ω	50 / 100 / 200 / 400
Driver impedance, Ω	8
Effective frequency range, Hz	70 - 20 000
Sensitivity @ 4 m, 1 W, dB	82
SPL @ 4 m, rated power, dB	104
SPL @ 1 m, 1 W, dB	94
SPL @ 1 m, rated power, dB	116
Horizontal dispersion at 500 Hz / 1 kHz / 2 kHz / 4 kHz, [°]	160 / 140 / 120 / 100
Vertical dispersion at 500 Hz / 1 kHz / 2 kHz / 4 kHz, [°]	160 / 140 / 120 / 100
Environmental	
IP rating	IP65
Min. / max. ambient temperature	-25°C / 70°C
Mechanical	
Dimensions, mm	385 x 355 x 348
Net weight, kg	29
Colour	Black (RAL 9005)
Material	ABS
Mounting	U type bracket
Ease Model	✓

Frequency band:

10.10.2024