

ACS6I-OB

In-Ceiling Integrated Semi-automatic open back Loudspeaker



OVERVIEW

The ACS6i-OB, part of the Erthpot Antares series, is a high-performance ceiling speaker engineered for versatility and premium audio quality. Featuring a 6.5" polypropylene cone for rich bass and a 1" rotatable silk soft dome tweeter for crisp highs, it delivers balanced sound across a wide 57Hz-20kHz frequency range. Designed for efficiency, the unit utilizes a semi-automatic buckle installation and a push-down wiring system, making it ideal for streamlined system construction in diverse environments.

KEY FEATURES

- Superior Audio Components: Equipped with a 6.5" polypropylene woofer and a 1" rotatable silky soft dome tweeter for precise sound imaging.
- High-Strength Magnetic Grille: Features eight N42 high-strength magnets, ensuring a secure fit and sleek aesthetic even in narrow ceiling spaces.
- Effortless Installation: Semi-automatic buckle mechanism and push-down wiring design significantly reduce setup time and complexity.
- Flexible Power Taps: Supports both 8Ω (40W) and 70V/100V line systems (up to 40W) to accommodate various commercial audio configurations.
- Compact Low-Profile Design: With a mounting depth of only 98.3mm, it is specifically designed for shallow ceiling voids.
- Reliable Durability: Built to operate effectively in temperatures ranging from -10°C to +50°C.

TECHNICAL SPECIFICATIONS

Mid-bass driver	1x6.5"
Tweeter	1x1" dome
Input mode	8Ω/100V/70V
Rated power (8Ω fixed resistance):	40W (160W, PEAK)
Rated power (100V fixed voltage):	40W/20W/10W/5W
Rated power (70V fixed voltage):	40W/20W/10W/5W
Effective frequency range:	57Hz~20KHz
Sensitivity (1m/1W):	90dB
Maximum SPL	108dB
Grille Material	Aluminum alloy
Back shell material	Pressed steel
Speaker depth	98.3mm
Embedded depth	101mm
Cutout Diameter	229mm
Product Net weight	1.8kg
Packaging weight	2.2kg