

ANTARES ACS6iD

In-Ceiling Integrated Networked Loudspeaker

OVERVIEW



The ACS6i-D from Erthpot's Antares Series is a versatile PoE powered, Dante networked ceiling loudspeaker with a 1-inch dome tweeter and 6.5-inch mid-bass driver, delivering 93dB sensitivity and 60W rated output power. It offers a broad dynamic range and high sound pressure level. The

speaker's front wiring design simplifies installation effort and maintenance. It features 8 N42 high-strength magnets for secure mesh cover installation and metal clasps at housing for added safety. Featuring a

built-in PoE power module and Dante audio transmission module, it includes single-stage power conversion, soft switching, bidirectional energy recovery, and precise PSM technology. Audio transmission and routing are controlled via Dante.

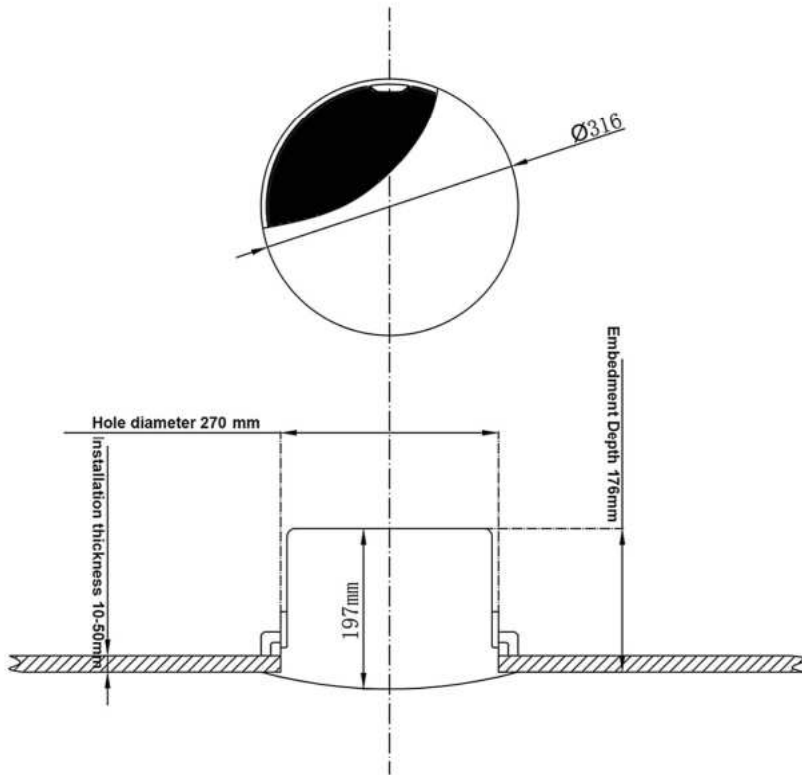
TECHNICAL SPECIFICATIONS

Mid-bass unit	1x6.5"
Tweeter	1x1" dome
Rated Impedance	8Ω
Rated Power	60W
Frequency Range	75Hz~20KHz
Sensitivity (1m/1w)	93dB
Maximum SPL	110dB
Input interface	RJ-45
Audio Transmission Protocol	Dante
Audio Routing Control	DANTE Controller
Power input	802.3af/802.3at/802.3bt compatible
Heat Dissipation	Natural Convection Cooling
Grille Material	Metal Mesh
Back shell material	Iron
Height	197mm
Embedded depth	176mm
Installation thickness	10-50mm
Opening Diameter	270-280mm
Speaker outer diameter	316mm
Product Net weight	5.5kg
Packaging weight	15.45kg (Pair)

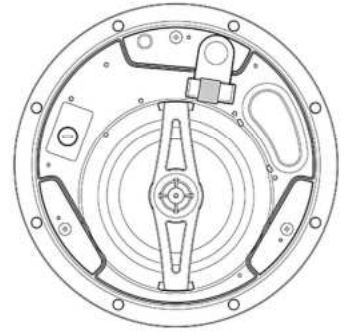
KEY FEATURES

- Built-in POE power module and Dante audio transmission module for seamless integration
- Single-stage power conversion (DC-AC) and soft switching technology for efficient and smooth operation
- Bidirectional energy recovery technology and precise PSM (phase modulation) technology for optimal performance
- ACS6iD with a 6.5" driver and 1" HF driver, delivering high-quality sound
- 8 N42 high-strength magnetic mesh covers with safety ropes to prevent accidental drops
- Secure housing with metal clasps and safety rope connections to ceilings or walls
- Front wiring port for easy installation and troubleshooting
- Compact 17.6 cm depth, suitable for installation on any ceiling

MECHANICAL DRAWING



Inside view



Bottom view



SUPPLIED ACCESSORIES

- Safety rope

ENGINEER AND ARCHITECT SPECIFICATIONS

The Dante enabled POE powered ceiling speaker shall have a 6.5" woofer and 1" dome tweeter with a rated power of 60W (over POE++) with a peak SPL of 110dB. It shall operate within a frequency range of 75Hz to 20KHz and have a sensitivity of 93dB (1m/1W). The cone shall provide a 120-degree coverage angle. Installation thickness shall range from 10mm to 50mm, with a minimum mounting depth of 176mm, and it shall be secured with 3 mounting clips. The ceiling speaker shall have a magnetic aluminium front grille with safety rope to prevent accidental drops. It shall have a front side Dante input port over RJ45 for easy operations and troubleshoot. The cutout diameter required for mounting shall be 270-280mm, and the nett weight of the unit shall be 4.97 KG.

APPLICATIONS

- Conference room
- House of worships
- Bars & Cafes
- Lecture Halls
- Concert Halls
- Exclusive shops
- Retail malls

Erthpot warrants your product against all defects and factory errors when purchased.

Erthpot stands behind the quality of its products, offering a generous *3-year warranty from the date of retail purchase. During this period, should any defects arise, Erthpot is committed to providing optimal solutions, which include repairing the product with genuine spare parts or replacing it with an equivalent new product*

ERTHPOT ELECTRONICS PRIVATE LIMITED

A - 164, A Block, Noida Sector 63, Gautam Buddha Nagar
Uttar Pradesh Pin Code: 201301
info@erthpot.com