

ANTARES ACS6i

In-Ceiling Integrated Loudspeaker



OVERVIEW

The ACS6i of the Antares Series by Erthpot is a ceiling loudspeaker featuring a 1-inch dome tweeter and a 6.5-inch mid-bass driver. It delivers up to 95dB sensitivity and 100W RMS output power, offering high sound pressure levels and a broad dynamic range. 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. At only 17.6 cm deep, the ACS6i is suitable for installation in any ceiling, with safety ropes preventing accidental drops.

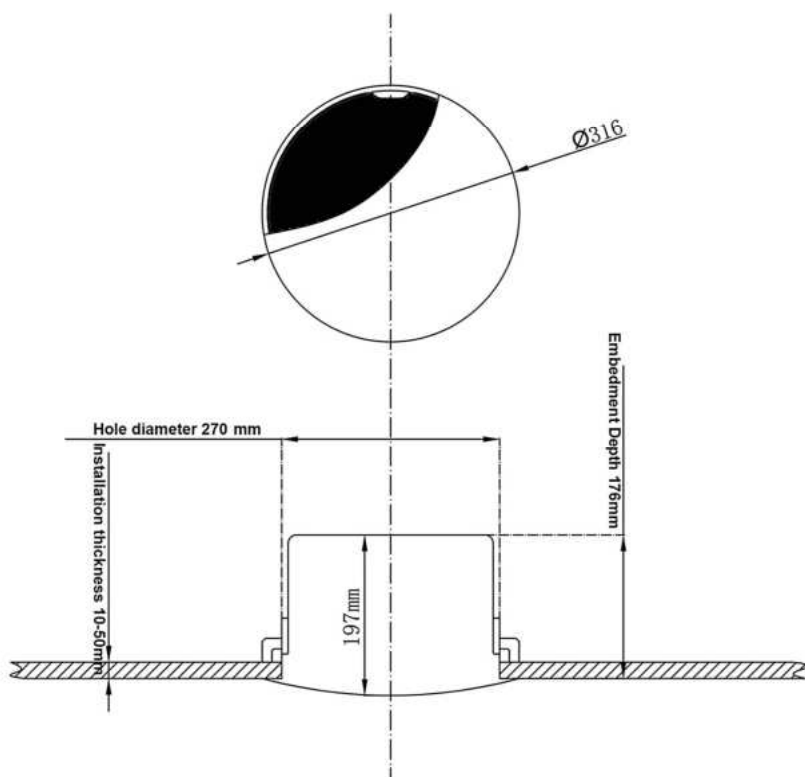
TECHNICAL SPECIFICATIONS

Mid-bass unit	1x6.5"
Tweeter	1x1" dome
Input mode	8Ω/100V/70V
Rated power (8Ω fixed resistance):	100W (400W, PEAK)
Rated power (100V fixed voltage):	80W/40W/20W/10W
Rated power (70V fixed voltage):	40W/20W/10W/5W
Effective frequency range:	75Hz~20KHz
Sensitivity (1m/1W):	95dB
Maximum SPL	113dB
Grille Material	Metal Mesh
Back shell material	Iron
Height	197mm
Embedded depth	176mm
Installation thickness	10-50mm
Opening Diameter	270-280mm
Speaker outer diameter	316m
Product Net weight	5.5kg
Packaging weight	15.45kg (Pair)

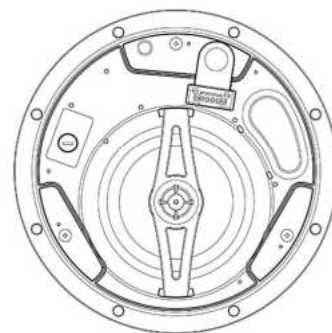
KEY FEATURES

- ACS6i 6.5"x1" HF driver
- Design with 8 N42 high-strength magnetic suction mesh covers.
- Mesh covers are securely connected to the loudspeaker with safety ropes to prevent accidental drops.
- Loudspeakers are equipped with safety rope connections to ceilings or walls to prevent accidental drops.
- Metal clasps secure the housing.
- Front wiring port for easy installation and troubleshooting.
- Front wiring design facilitates installation and inspection by workers.
- This ceiling speaker is only 17.6 cm deep with metal back can be suitable for installation on any ceiling.

MECHANICAL DRAWING



Inside view



Bottom view



SUPPLIED ACCESSORIES

- Safety rope

ENGINEER AND ARCHITECT SPECIFICATIONS

The Ceiling speaker shall have a 6.5" woofer and 1" dome tweeter with a rated impedance of 8 Ω which can handle 100W RMS with a peak power of 400W. It shall operate within a frequency range of 75Hz to 20KHz and have a sensitivity of 95dB (1m/1W), with a Max SPL of 113dB. 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 wiring for easy operations and transformer tapping on 100/70V (80/40/20/10W). The cutout diameter required for mounting shall be 270-280mm, and the nett weight of the unit shall be 4.87 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