DSP7054C

30W 6.5" Coaxial Commercial In-Ceiling Speaker with Back Cover

Description

The DSP7054C 6.5-inch coaxial in-ceiling speaker is designed for commercial background music and public address applications, delivering clear and balanced audio performance in distributed sound systems.

Featuring a rear cover design, the speaker enhances acoustic stability while reducing sound leakage in ceiling installations. Equipped with a 6.5-inch woofer and dual tweeters, it provides wide sound coverage and detailed audio reproduction for various indoor environments, including offices, retail spaces, hotels, and conference rooms. Its compact structure and durable construction ensure convenient installation and reliable long-term operation.

Features

- 30W coaxial commercial ceiling speaker for background music and PA applications.
- 6.5-inch woofer with dual tweeters for balanced and detailed sound reproduction.
- Supports 70V/100V constant voltage and 8Ω low-impedance audio systems.
- Multiple power tap settings for flexible system configuration and installation.
- High sensitivity of 89dB for efficient and stable sound output.
- Wide frequency response range of 70Hz–20kHz for clear music and speech playback.
- 135° wide coverage angle ensures uniform audio distribution across listening areas.
- Rear cover design improves installation protection and acoustic consistency.
- Compact and durable construction suitable for long-term ceiling installation applications.

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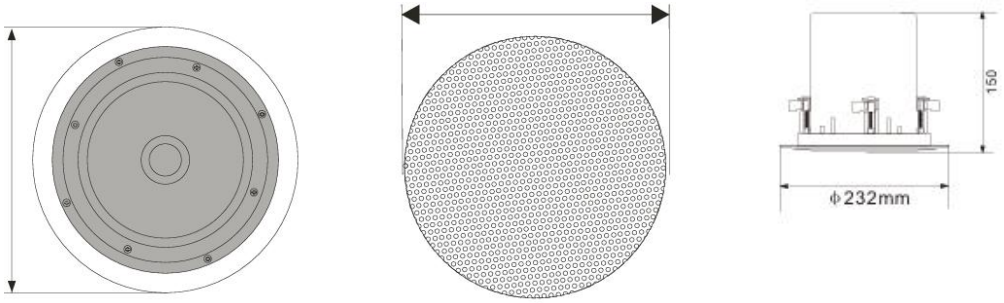
Specifications

Model	DSP7054C
Rated Power (RMS)	30W
Constant Voltage 70V	1.9W/3.8W/7.5W/15W
Constant Voltage 100V	3.8W/7.5W/15W/30W
Constant Impedance 8Ω	30W
Sensitivity	89dB
Frequency response(-10dB)	70-20KHz
Coverage angle(1KHz/-6dB)	135°
Dimension(W*D)	Φ232×150mm
Weight	2.2KG

Product Information



Product Installation

1.Open a Ø200mm hole in the ceiling (Figure ①);
2.Remove the mesh mask (Figure ②);
3.Press the open hole in advance,install the product to the ceiling,and lock the screws (Figure ③);
4.After the product is fixed,reload the mesh mask (Figure ④).

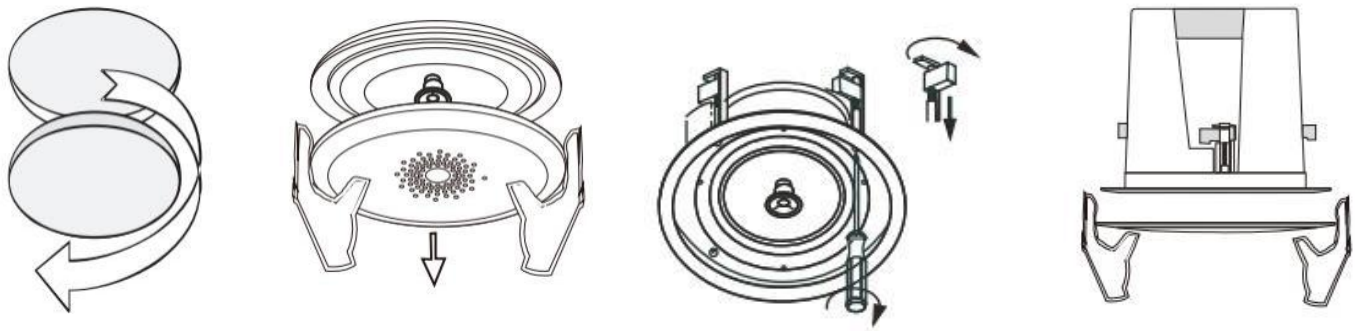


Figure ①　Figure ②　Figure ③　Figure ④