

DSP7054

6.5" 40W 70V / 100V Coaxial Commercial Ceiling Speaker



Description

The DSP7054 6.5-inch coaxial ceiling speaker is designed for 70V/100V commercial public address and background music systems, delivering clear voice reproduction and balanced audio performance for indoor sound applications.

With a simple structural design, flexible power selection, and easy ceiling installation, the speaker is suitable for a wide range of commercial environments. Equipped with a 6.5-inch woofer and dual 1-inch tweeters, it provides detailed sound reproduction and stable acoustic performance for background music and voice broadcasting.

Features

- 6.5-inch coaxial ceiling speaker designed for commercial PA and background music systems.
- Equipped with one 6.5-inch woofer and dual 1-inch tweeters for clear and detailed sound reproduction.
- 40W rated power for stable and reliable audio performance.
- Supports 70V/100V constant voltage audio systems with multiple power tap options.
- Sensitivity: 89dB \pm 3dB (1W/1m) for efficient sound output.
- Maximum SPL: 105dB \pm 3dB for effective sound coverage.
- Wide frequency response range of 55Hz–19kHz for balanced music and speech playback.
- Simple structure with convenient installation for various indoor ceiling applications.

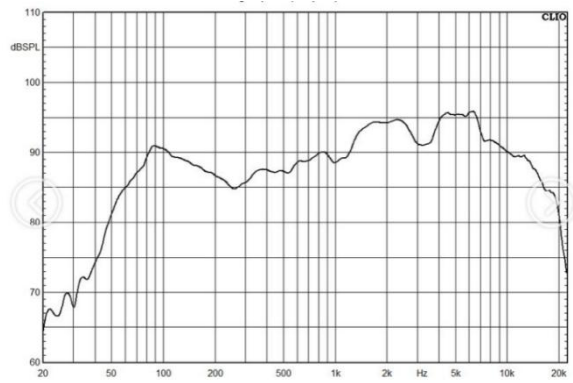
Specifications

Model	DSP7054
Unit Driver	6.5"×1, 1"×2
Rated Power	40W
Constant Voltage 70V	20W/10W/5W
Constant Voltage 100V	40W/20W/10W
Sensitivity (1m, 1W)	89dB±3dB
Max. SPL. (1m)	105dB±3dB
Freq. Resp.	55Hz-19kHz
Coverage Angle (1kHz/-6dB)	135°
Product Dimensions	∅232×90mm
Weight	2.38kg

Product Information

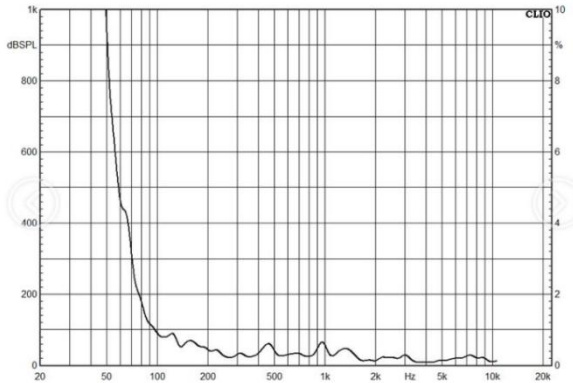
Frequency Response

(dB SPL, 1W, 1m)



Distortion

(THD < 1.5% 1W, 1m, 100Hz-10kHz)



Installation

1. Open a ∅200mm 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).

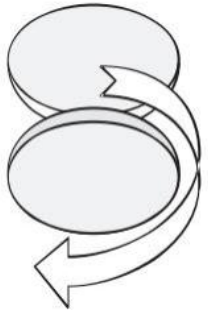


Figure ①

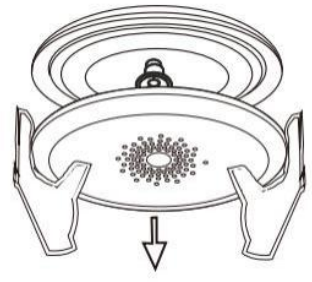


Figure ②

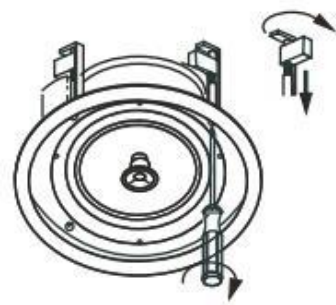


Figure ③

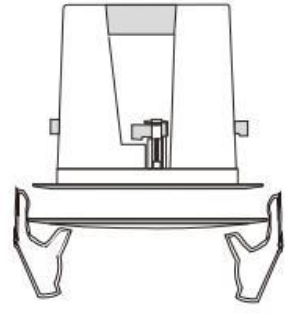


Figure ④