DSP7081

8" 60W 70V / 100V Coaxial Commercial Ceiling Speaker

Description

The DSP7081 8-inch coaxial ceiling speaker is designed for 70V/100V commercial public address and background music systems, delivering powerful, clear, and balanced audio performance for indoor sound reinforcement applications.

Featuring an 8-inch woofer combined with dual tweeters, it provides enhanced sound pressure output and wide coverage, making it suitable for larger spaces such as offices, retail environments, hotels, and public venues. Its compact ceiling-mounted design ensures easy installation and seamless integration into different interior styles while maintaining long-term reliability.

Features

- 60W coaxial ceiling speaker designed for 70V/100V public address systems.
- 8-inch woofer with dual tweeters for clear, detailed, and balanced sound reproduction.
- Multiple power tap settings for flexible system design and installation.
- High sensitivity of 90dB ±3dB for efficient sound output performance.
- Maximum SPL of 107dB for strong and stable audio coverage.
- Wide frequency response range of 45Hz–20kHz for full-range audio performance.
- 150° wide coverage angle ensures uniform sound distribution across large areas.
- Compact ceiling design suitable for easy installation in various environments.
- Durable construction ensures reliable long-term commercial use.

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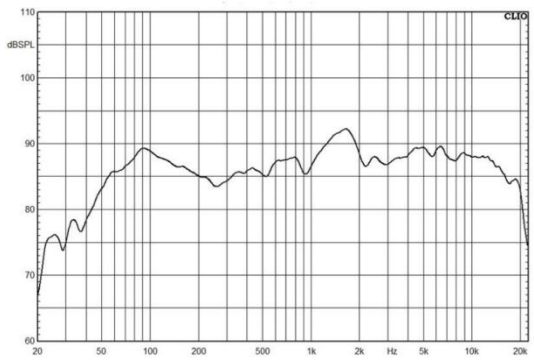
Specifications

Model	DSP7081
Unit Driver	8”×1, 1”×2
Rated Power	60W
Constant Voltage 70V	30W/15W/7.5W
Constant Voltage 100V	60W/30W/15W
Sensitivity (1m, 1W)	90dB±3dB
Max. SPL. (1m)	107dB±3dB
Freq. Resp.	45Hz-20kHz
Coverage Angle (1kHz/-6dB)	150°
Product Dimensions	Ø281×110mm
Weight	2.8kg

Product Information

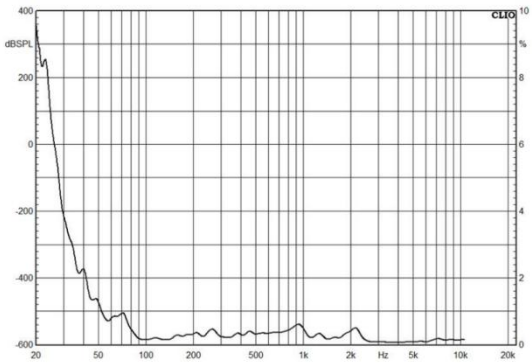
Frequency Response

(dB SPL, 1W, 1m)



Distortion

(THD＜1.5% 1W, 1m, 100Hz-10kHz)



Installation

1. Open a Ø250mm 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).

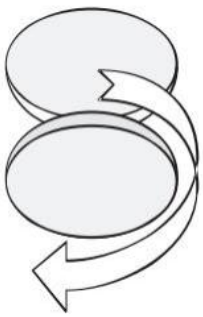


Figure ①

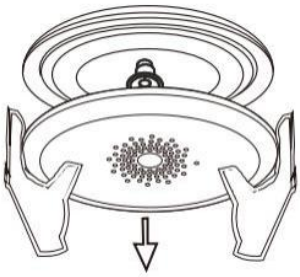


Figure ②

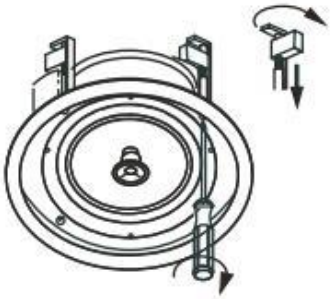


Figure ③

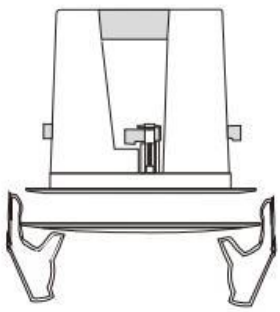


Figure ④

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