

DSP8150

50W 8" Commercial In-ceiling Speaker with Power Tap



Description

The DSP8150 50W 8" Commercial In-ceiling Speaker with Power Tap is a high-performance commercial audio solution designed for background music and public address systems. Featuring a coaxial driver configuration with an 8-inch woofer and a 1-inch tweeter, it delivers clear, detailed, and well-balanced sound reproduction across a wide frequency range.

With a built-in crossover network and selectable 70V/100V/8Ω power tap functionality, the DSP8150 provides flexible power matching for different installation environments. Its high sensitivity and wide dynamic range ensure consistent audio coverage in commercial spaces such as hotels, restaurants, retail stores, and entertainment venues.

Features

- 50W rated power output with support for 8Ω / 70V / 100V systems.
- Built-in power tap for flexible wattage selection in distributed audio systems.
- 8-inch frameless ceiling design with durable metal grille finish.
- Coaxial driver system with 1-inch tweeter for enhanced clarity and detail.
- Internal crossover network for accurate frequency separation.
- Wide frequency response: 45Hz – 20kHz.
- Sensitivity: 89 ±2 dB for efficient sound output.
- Maximum sound pressure level: 106 ±2 dB.

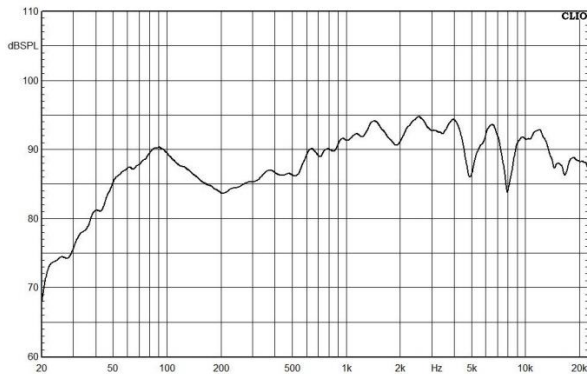
- Integrated speaker terminal for stable and secure wiring connection.
- Quick-install ceiling mounting design for efficient installation.

Specifications

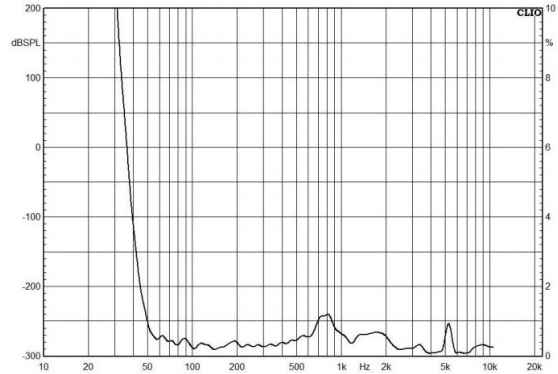
Model	DSP8150
Drive Unit	8"×1, 1"×1
Rated Power	50W
Input	8Ω/70V/100V
Power Tap	8Ω/50W/25W/12.5W
Frequency Response	45Hz-20kHz
Sensitivity(dB,1m,1W)	89dB±3dB
Max. SPL (1m)	106dB±3dB
Product Size	∅282×125mm
Cutout Size	∅251×117mm

Product Information

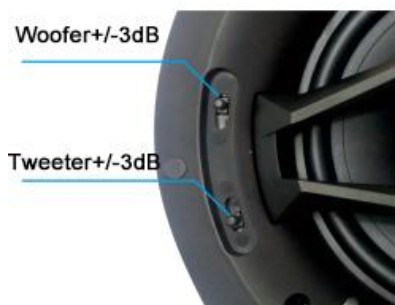
Frequency Response Characteristic
(dB SPL, 1W,1m)



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



Installation Method



Adjustable Tweeter



Mounting Clip



1. Lift the mounting bracket upwards.



2. Rotate the mounting bracket to the left.



3. Rotate it to the right and secure it in place.