

DSP6306 DSP8308

6.5-Inch / 8-Inch Three-Tweeter In-Ceiling Speaker with 70V/100V & 8Ω Inputs



Description

The DSP6306 and DSP8308 are in-ceiling speakers featuring a three-tweeter design for clear and balanced wide-band sound reproduction. Available with 6.5-inch and 8-inch woofers respectively, they support 70V/100V constant-voltage and 8Ω constant-impedance inputs for flexible installation in both public address and background music applications. The quick-install design makes them suitable for hotels, restaurants, clubs, commercial spaces, and other venues.

Features

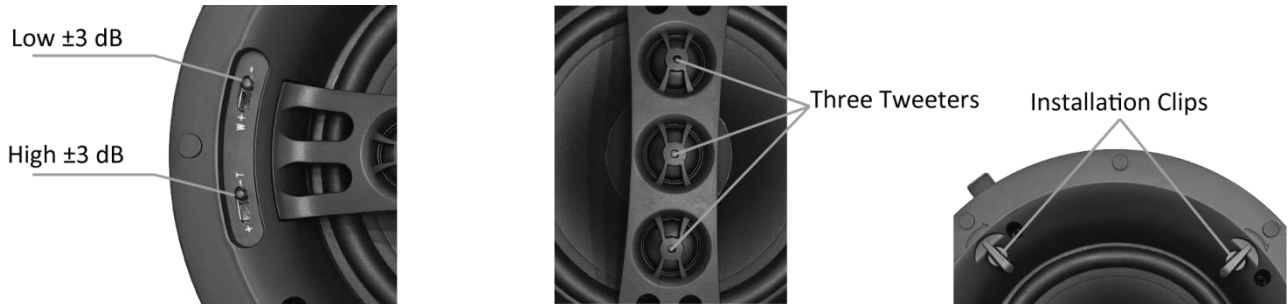
- Three-tweeter design delivers clear, detailed high-frequency performance and wide sound coverage.
- Equipped with a 6.5-inch or 8-inch woofer for balanced wide-band sound reproduction.
- Supports 70V/100V constant-voltage and 8Ω constant-impedance inputs for flexible system integration.
- Quick-install design simplifies installation and improves installation efficiency.
- Suitable for background music, public address, and voice reinforcement applications.
- Ideal for hotels, restaurants, clubs, and other commercial spaces.

Specifications

Model		DSP6306	DSP8308
Driver Units		6.5"×1, 0.75"×3	8"×1, 1"×3
Rated Power		40W	50W
Input	Constant Voltage	70V/100V	70V/100V
	Constant Impedance	8Ω	8Ω
Frequency Response		55 Hz–20 kHz	50 Hz–20 kHz

Sensitivity	88 dB	90 dB
Maximum SPL	104 dB	107 dB
Cutout Size	204 mm	251 mm
Depth	109 mm	119 mm
Product Dimensions	231 mm × 114 mm	281 mm × 128 mm

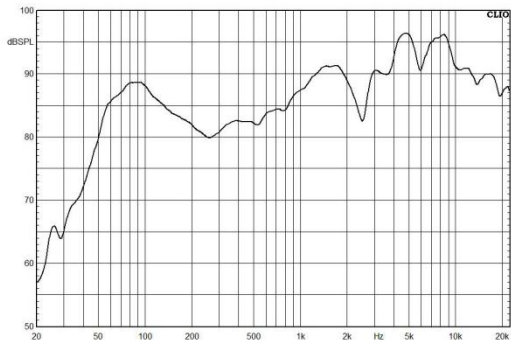
Product Structure



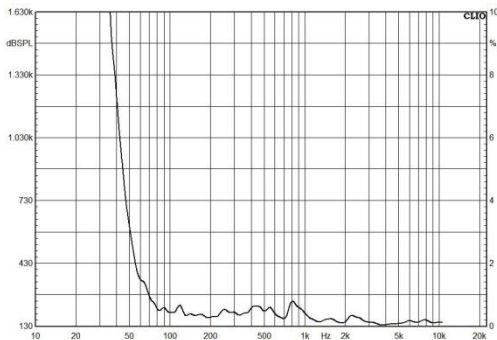
Acoustic Performance

DSP6306

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

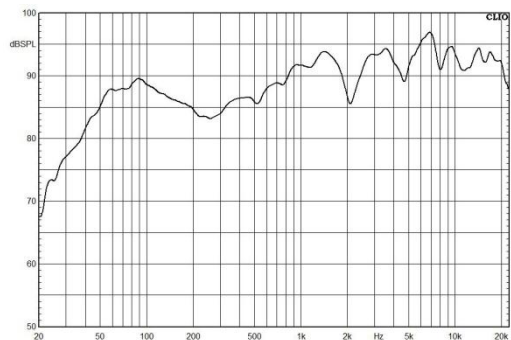


Distortion
(% THD, 1W, 1m)



DSP8308

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



Distortion
(% THD, 1W, 1m)

