

DSP7154L/DSP7166L/DSP7181L

5" 40W/6" 60W/8" 100W Coaxial Ceiling Speaker with Rear Cover



Description

This product is an 8Ω ceiling speaker with a coaxial design, featuring a full-range driver and an tweeter, complemented with rear cover. The terminal connectors are located at the front for easy installation and setup. Featuring a ported design for enhanced bass and separate tweeter and woofer results in improved sound quality. With its sleek, modern aesthetics and superior sound, it offers a perfect solution for sound enhancement.

Features

- Unit Driver: Equipped with 1 full-range driver and 1 tweeter for rich sound.
- Rated Power: 40W/60W /100W for consistent audio performance,ensuring a stable audio output.
- Sensitivity: 87dB/90dB/92dB at 1m/1W for efficient response.
- Max. SPL.: 103dB/108dB /112dB at 1m for loud output.
- Freq. Resp.: 80Hz-20KHz/75Hz-19KHz/70Hz-20KHz, covering the audible spectrum.
- Input Connector: 4-Pin Phoenix Terminal.
- Grille Type: Metal Grille.

Specifications

Model		DSP7154L	DSP7166L	DSP7181L
Drive Units	Full-range	5"x1	6"x1	8"x1
	Tweeter	1"x1	1.5"x1	1.5"x1
Rated Power (RMS)		40W	60W	100W
Impedance		8Ω	8Ω	8Ω

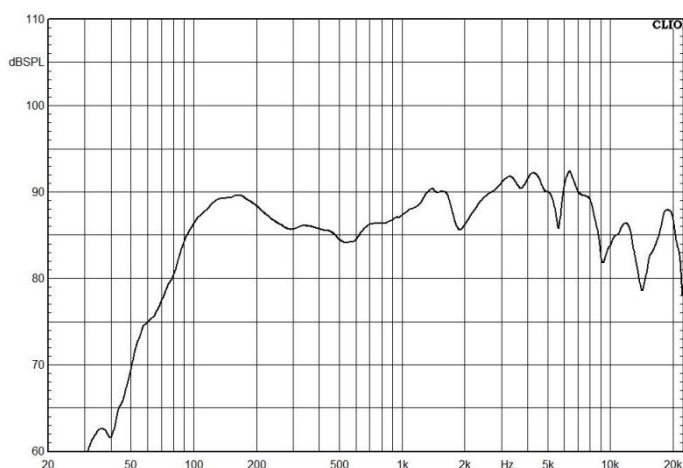
Freq. Response	80Hz-20KHz	75Hz-19KHz	70Hz-20KHz
Sensitivity	87dB	90dB	92dB
Maximum SPL	103dB	108dB	112dB
Dimension(diameter*height)	235mm×135mm	271mm×150mm	334mm×178mm
Cutout Dimension	205mm	238mm	294mm
Input Connector	4-Pin Phoenix Terminal		
Grille Type	Metal Grille		

Product Information

DSP7154L

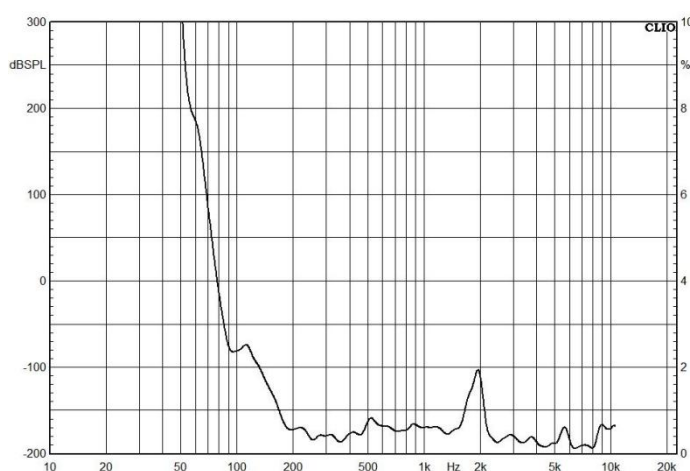
Frequency Response

(dB SPL, 1W, 1m)



Distortion

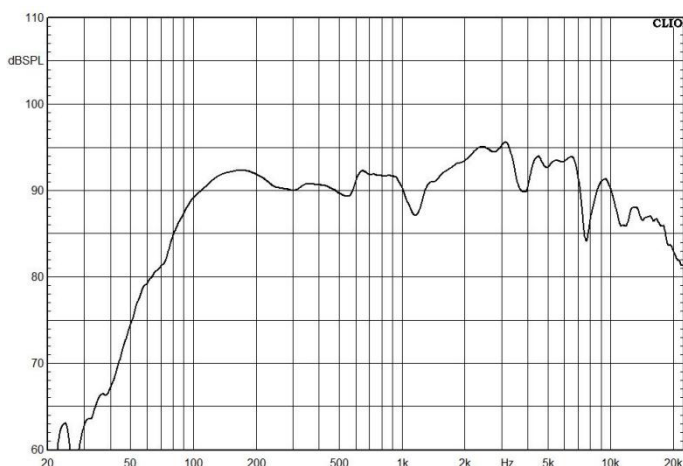
(THD < 1.5% 1W, 1m, 100Hz-10kHz)



DSP7166L

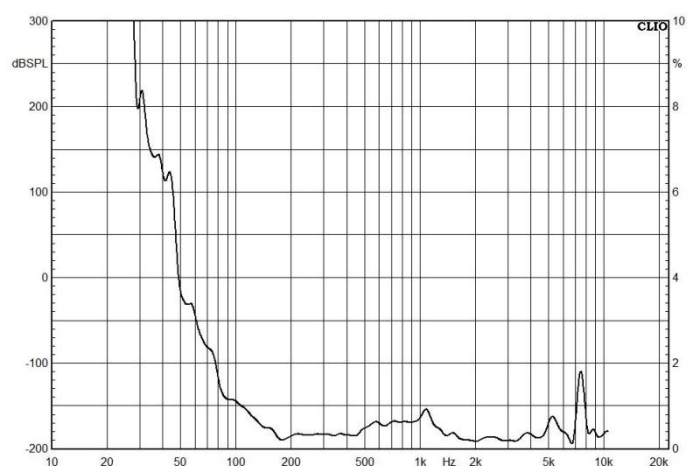
Frequency Response

(dB SPL, 1W, 1m)



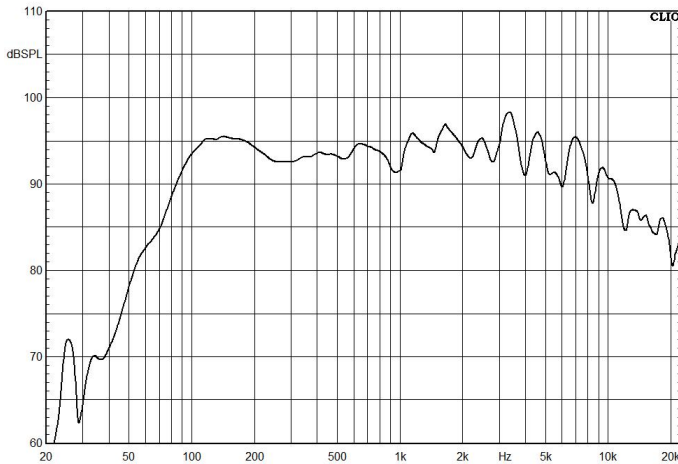
Distortion

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



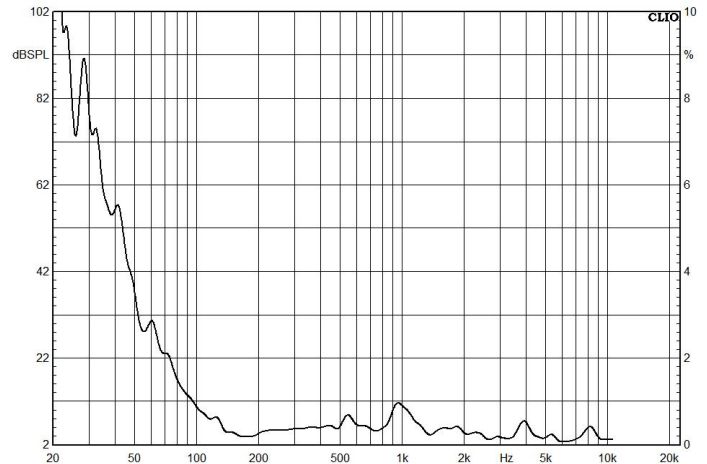
Frequency Response

(dB SPL, 1W, 1m)



Distortion

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



Installation

1. Before installation, ensure the ceiling thickness is not less than 10mm, not more than 30mm, and the internal height (depth) is not less than 200mm.(Figure ①)
2. Insert the speaker through the cut-out hole and onto the bridge plate. Ensure the anchor bolt engages with the bridge plate before loosening the speaker's handles. (Figure ②)
3. Disconnect the terminal connectors, wire the speaker, then re-insert the connectors into the speaker terminals. (Figure ③)
4. Tighten the anchor arm screws to secure the speaker. If using a power drill, set it to a low torque setting. (Note: Over-tightening the screws may damage the anchor post mounting points or the ceiling, creating a risk of the speaker falling.) (Figure ④)

