

## DSP2505L/DSP2510L/DSP2515L

### 50W/100W/150W Professional Conference Column Speaker with Racetrack Speaker Driver



#### Description

This series of professional column speakers features 5090 racetrack-shaped (equivalent to 2.5") paper-cone woofers paired with 1" tweeters. With a unique design, the speakers deliver high sensitivity, low distortion, and a natural, mellow tonal character. The specially engineered linear acoustic structure provides excellent performance in mid-to-high frequency reproduction, offering stronger directivity and more focused sound energy compared with traditional loudspeakers, resulting in a more balanced and clearer sound.

The aluminum alloy enclosure offers enhanced sealing performance, stability, and durability, effectively minimizing unwanted noise. Its streamlined metal grille integrates seamlessly with the cabinet for a clean and elegant appearance. These speakers are suitable for small to medium-sized venues such as restaurants, teahouses, stations, schools, plazas, office buildings, small to medium conference rooms, home theaters, and churches.

#### Features

- Available in multiple power levels to deliver clear and powerful sound for small to medium-sized spaces.
- 5090 racetrack-shaped full-range drivers combined with 1" tweeters deliver smooth, natural, and balanced sound.

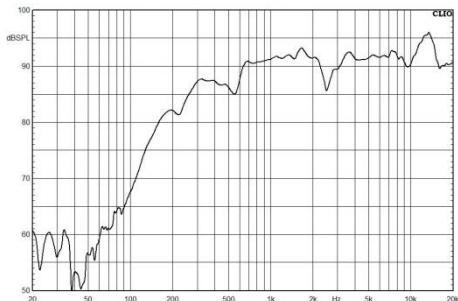
- High sensitivity and maximum SPL up to 110.7 dB ensure powerful sound performance with minimal distortion.
- Linear acoustic design with  $140^\circ$  (H)  $\times 20^\circ$  (V) coverage provides even sound distribution and excellent mid-to-high frequency clarity.
- High-quality aluminum alloy cabinet with streamlined metal grille offers durability, stability, and a sleek, elegant appearance.
- Ideal for restaurants, schools, offices, conference rooms, home theaters, plazas, and other small to medium venues.

## Specifications

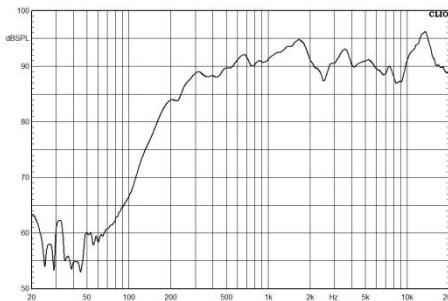
Model	DSP2505L	DSP2510L	DSP2515L
Speaker Unit	FR: 2.5"×2, HF: 1"×1	FR: 2.5"×4, HF: 1"×1	FR: 2.5"×6, HF: 1"×1
Rated Power	50W	100W	150W
Impedance	8Ω	8Ω	8Ω
Frequency Response	180Hz-20kHz	160Hz-20kHz	180Hz-20kHz
Sensitivity	86dB	88dB	89dB
Maximum SPL	102.9dB	108dB	110.7dB
Coverage Angle	140°(H)×20°(V)	140°(H)×20°(V)	140°(H)×20°(V)
Product Dimensions	554×51×51mm	796×51×51mm	1042×51×51mm
Weight	1kg	2kg	3kg

## Frequency Response Curve

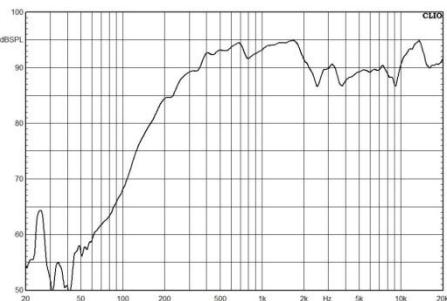
**DSP2505L Frequency Response**  
(dB SPL, 1W, 1m)



**DSP2510L Frequency Response**  
(dB SPL, 1W, 1m)



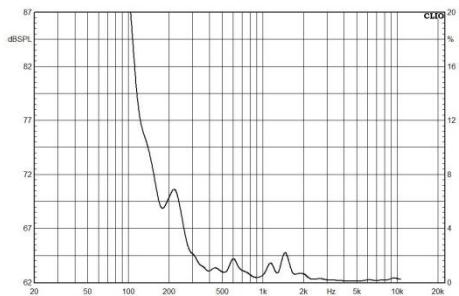
**DSP2515L Frequency Response**  
(dB SPL, 1W, 1m)



## Distortion Curve

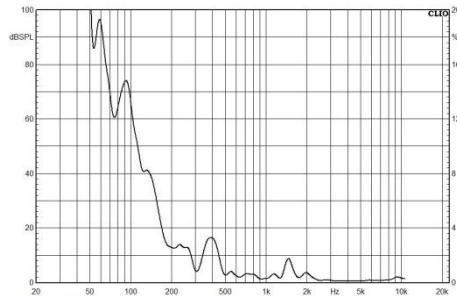
### DSP2505L Distortion

(THD<7% 1W, 1m, 180Hz-20kHz)



### DSP2510L Distortion

(THD<4% 1W, 1m, 160Hz-20kHz)



### DSP2515L Distortion

(THD<8% 1W, 1m, 180Hz-20kHz)

