

## DSP2405 / DSP2410 / DSP2415 / DSP2420 / DSP2430

50W / 100W / 150W / 200W / 300W Commercial Column Wall Mount

### Speaker with Racetrack Speaker Driver



#### Description

This series of professional column speakers for conference applications features a racetrack driver design. Each unit includes a 50×90mm racetrack-shaped (equivalent to 2.5") paper cone woofer and a 1" tweeter, delivering high sensitivity and low distortion. The sound is natural and pleasant, with a soft, well-balanced tonal character. A specially engineered linear acoustic structure enhances mid-to-high frequency reproduction, offering better directivity than conventional speakers — resulting in more focused sound energy and improved clarity and balance throughout the listening area.

A switchable 100V constant voltage / 8Ω constant resistance mode allows flexible adjustment to suit different system configurations and installation needs.

Each speaker is housed in a high-quality aluminum alloy enclosure with a sealed design that improves durability and reduces unwanted resonance. The streamlined metal grille fits flush with the cabinet, providing a sleek, modern look.

These speakers are ideal for small to medium-sized venues, including restaurants, tea houses, train stations, schools, plazas, office buildings, meeting rooms, home theaters, churches, and more.

## Features

- Multiple power options: Available in 50W, 100W, 150W, 200W, and 300W models (DSP2405, DSP2410, DSP2415, DSP2420, DSP2430) to accommodate a wide variety of installation requirements.
- Balanced and focused sound: Racetrack-shaped full-range drivers combined with a linear acoustic design deliver strong directivity, clear speech reproduction, and a smooth frequency response.
- High sensitivity & SPL: Sensitivity reaches up to 91dB, with a maximum SPL of 115.7dB, ensuring clear audio even in challenging environments.
- Durable and elegant build: A sturdy aluminum alloy cabinet with ABS top and bottom covers, plus a tightly fitted metal grille, provides long-lasting, vibration-free performance.
- Wide coverage angle: 140° horizontal × 20° vertical dispersion ensures uniform sound coverage across the listening area.
- Versatile applications: Ideal for conference rooms, classrooms, waiting areas, public transport stations, restaurants, and houses of worship.

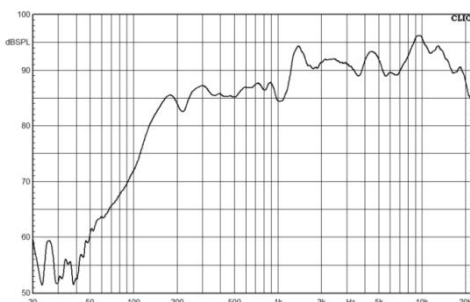
## Specifications

Model	DSP2405	DSP2410	DSP2415	DSP2420	DSP2430	
Drive Unit	FR:2.5"×2 HF: 1"×1	FR:2.5"×4 HF: 1"×1	FR:2.5"×6 HF: 1"×1	FR:2.5"×8 HF: 1"×2	FR:2.5"×12 HF: 1"×3	
Rated Power	50W	100W	150W	200W	300W	
Power Adjust ment	100V	25W/50W	50W/100W	75W/150W	100W/200W	150W/300W
	8Ω	50W	100W	150W	200W	300W
Frequency Response	120Hz~20kHz z	120Hz~20kHz z	120Hz~20kHz z	120Hz~20kHz z	120Hz~20kHz z	
Sensitivity	88dB	90dB	91dB	91dB	91dB	
Max. SPL	105dB	110dB	112.7dB	114dB	115.7dB	
Coverage Angle	140°(H)×20°(V)	140°(H)×20°(V)	140°(H)×20°(V)	140°(H)×20°(V)	140°(H)×20°(V)	
Product Dimensions	332×75×110 mm	528×75×110 mm	775×75×110 mm	984×75×110 mm	1440×75×110 mm	
Net Weight	1.92kg	3.2kg	4.8kg	6.3kg	9.4kg	

## Product Information

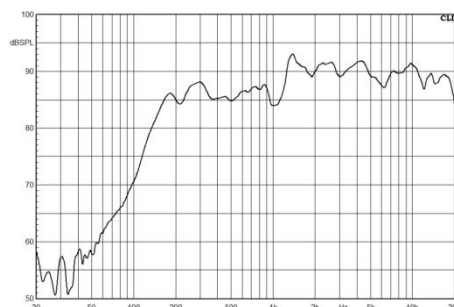
### Frequency Response Characteristic

DSP2405

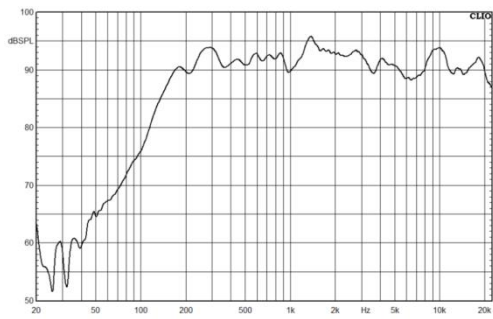


DSP2415

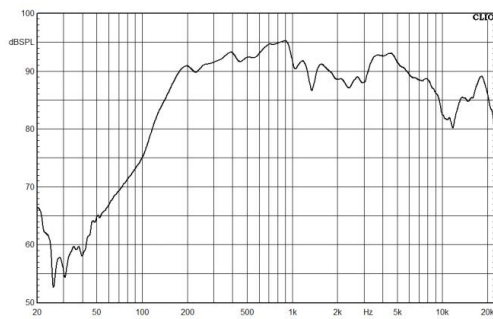
DSP2410



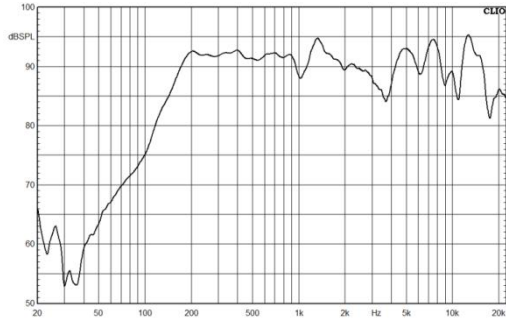
DSP2420



DSP2430

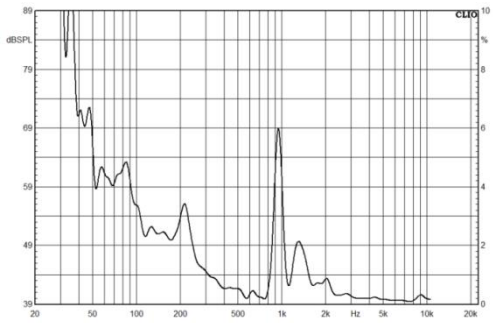


DSP2410

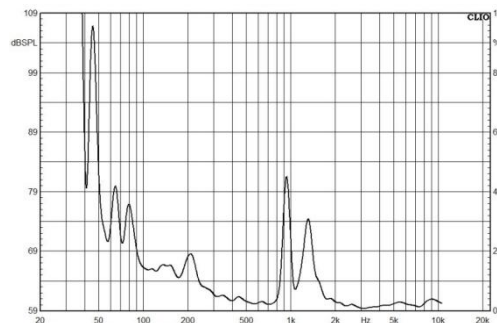


**Distortion Characteristic**

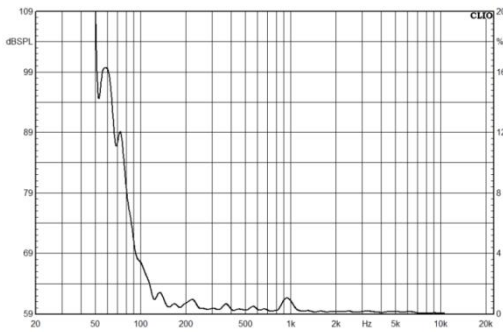
DSP2405



DSP2415



DSP2420



DSP2430

