

DSP2405 / DSP2410 / DSP2415 / DSP2420 / DSP2430

50W / 100W / 150W / 200W / 300W Professional Conference Column

Speaker with Racetrack Driver Design



Description

This series of professional conference column speakers with racetrack driver design features a 50×90mm racetrack-shaped (equivalent to 2.5") paper cone woofer and a 1" tweeter, delivering high sensitivity and low distortion. The speakers offer a natural and pleasant sound, characterized by a soft, well-balanced tone. The specially engineered linear acoustic structure enhances mid-to-high frequency reproduction, providing better directionality compared to traditional speakers. This results in more focused sound energy and improved clarity and balance across the listening area.

With switchable 100V constant voltage and 8Ω constant resistance modes for flexible adjustment, these speakers can easily adapt to different systems and installation requirements.

Each unit is housed in a high-quality aluminum alloy enclosure with a sealed design that enhances durability and minimizes unwanted resonance. The streamlined metal grille fits seamlessly with the cabinet, offering a sleek and modern aesthetic.

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

Features

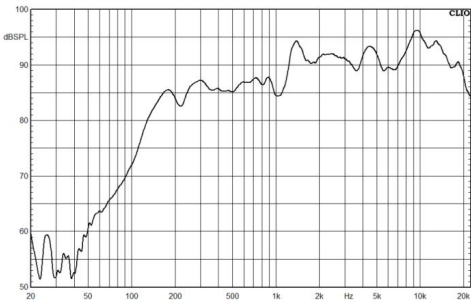
- Multiple Power Options: Available in 50W / 100W / 150W / 200W / 300W models (DSP2405 / DSP2410 / DSP2415 / DSP2420 / DSP2430) to suit a wide range of installation needs.
- Balanced and Focused Sound: Racetrack-shaped full-range drivers and linear acoustic design ensure strong directivity, clear speech reproduction, and a smooth frequency response.
- High Sensitivity & SPL: Sensitivity up to 91dB and maximum SPL up to 115.7dB, delivering clear sound even in demanding environments.
- Durable and Elegant Build: Sturdy aluminum alloy cabinet with ABS top and bottom covers, combined with a tightly fitted metal grille for long-lasting, vibration-free performance.
- Durable Construction: Aluminum alloy enclosure with ABS top and bottom covers and a tightly fitted metal grille for long-lasting use.
- Wide Coverage Angle: 140° (H) × 20° (V) dispersion for uniform sound coverage in audience areas.
- Versatile Applications: Ideal for use in conference rooms, classrooms, waiting areas, public transport stations, restaurants, and places 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

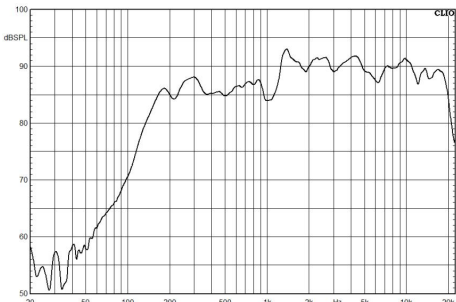
Product Information

Frequency Response Characteristic
DSP2405

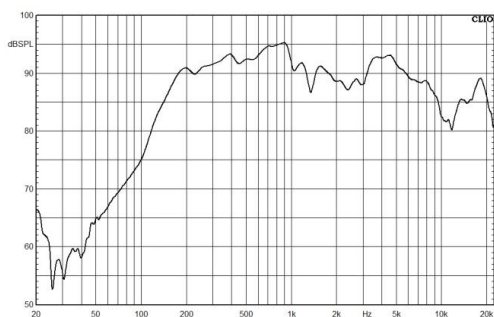
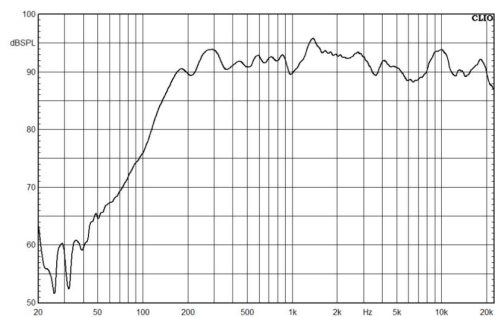


DSP2415

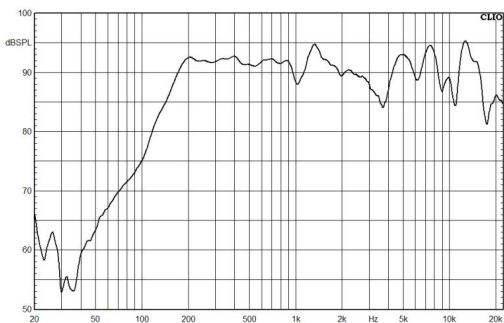
DSP2410



DSP2420

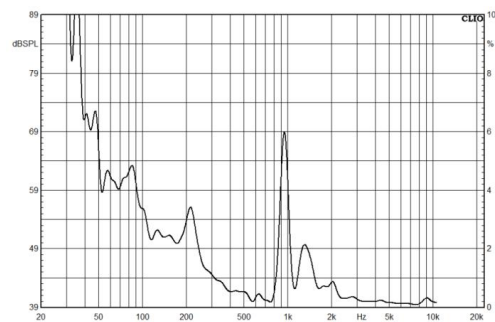


DSP2430

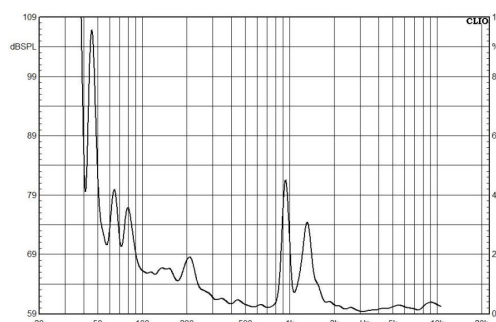


Distortion Characteristic

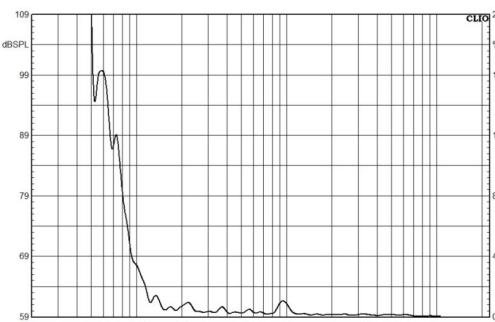
DSP2405



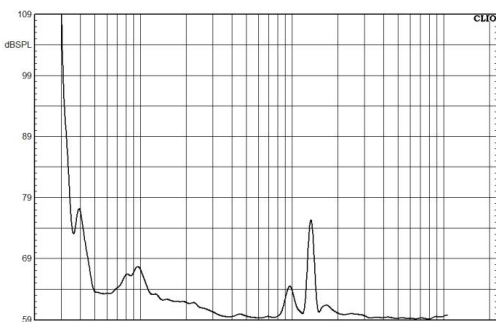
DSP2410



DSP2415



DSP2420



DSP2430

