

LA-4240 LA-15SUB

Multipurpose Sound Column Array Speaker System



Description

The LA-4240 is a compact linear sound speaker with 4.5" full range speaker unit, designed for voice and music applications, while the LA-15SUB is an active subwoofer with digital signal processing, well-designed 15" woofer that delivers the highest output, best sound performance. The golden combination of two LA-4240 and one LA-15SUB has a clear bright sound quality and strong bass, easy and convenient installation, its sound pressure level is far higher than the same level of products. With impressive outdoor projection distance, this system is ideal for a variety of applications, including use in churches, museums, live sound reinforcement, train stations, airports, sports facilities, legislative buildings, conference rooms, lecture halls, shopping malls, and A/V demonstration halls.

Features

- All-weather outdoor waterproof design, all aluminum shell protection;
- Clear and bright sound quality, with high mid-tone reproduction and solid, strong bass.
- Easy and convenient installation and long-distance outdoor projection distance.
- With built-in DSP audio processing and high-efficiency active power amplifier module.
- The subwoofer is matched with two sound columns to form a high-power sound reinforcement system with multiple adjustable programs.

- Application scenarios: churches, museums, live sound reinforcement, train stations, airports, sports facilities, legislative buildings, conference rooms, lecture halls, shopping malls, A/V demonstration halls.

Specifications

Model	LA-4240
Frequency Response ($\pm 3\text{dB}$)	110Hz~17kHz
Frequency Range (-10dB)	80Hz~20kHz
Nominal Directionality (-6dB)	Horizontal 120°×Vertical 160°
Speaker Unit	4×4.5" Full Range Unit (Per)
Rated Impedance	8 Ω
Sensitivity (1m/1W)	99dB
Rated Power (AES/Peak)	240W / 960W
Max. SPL.	122dB (continuous) / 128dB (Peak)
Product Dimensions (H×W×D)	496mm×125mm×138mm
Net Weight	6.8kg

Model	LA-15SUB
Frequency Response ($\pm 3\text{dB}$)	40Hz~250Hz
Frequency Range (-10dB)	35Hz~300Hz
Speaker Unit	1×15" Bass (220magnetic/4"(100mm)voice coil)
Rated Power (AES/Peak)	600W / 2400W
Rated Impedance	8 Ω
Max. SPL.	126dB (continuous) / 132dB (Peak)

Amplifier Module	Input Working Voltage	AC90V~260V PFC, 50Hz/60Hz
	Power Input Interface	Power CON
	Output Power	4 Ω /600W + 8 Ω /1200W
	Frequency Response (0/-0.5dB)	20Hz~20kHz
	SNR	$\geq 101\text{dB}$ (20Hz~20kHz, A-weighting)
	THD	≤ 0.05
	Damping Factor	$\geq 600@100\text{Hz}$
	Amplifier Output Interface	One four-core professional speaker socket, output +1, -1
	DSP Module Sampling Frequency	96k / 24bit
	Input Sensitivity@80	1.2V/4dBu
	Input Output Interface	XLR-F/M
	DSP Channels	1 In 2 Out DSP
	Preset Program	8 PCS
	Product Dimension (H×W×D)	600mm×460mm×540mm
Product Weight	28.6kg	

Connection and Installation

