

SLA12H

5-Transducer 3-Way Active Full Range Speaker

DESCRIPTION

SLA12H speakers are a group of medium-sized full-range speakers in the linear series speakers. It consists of two 10-inch ferrite external magnetic low frequency units, a 12-inch ferrite external magnetic midrange unit and two T44 tweeter drivers. The frequency division of the whole speaker is reasonable. The SLA12H speaker is composed of a new shape structure and a new surface painting process. The box body adopts a T-shaped structure, and the hardware connectors are connected by bolts for easy installation and disassembly. The adjustment range of the box angle is 10°, and one person can operate to complete its angle adjustment task. The SLA12H cabinet is made of 15mm-thick laminate, with a new acoustic design, compact size and stylish appearance. Surface polyurethane paint has strong anti-wear ability. The tensile strength of the box itself can reach 3500N. The hoisting method of the loudspeaker adopts the special hardware hoisting form. In the combined hoisting of the loudspeaker, the loudspeaker itself does not bear the influence of other external pulling forces. The weight of the hoisting is the weight of the box itself, and the weight of all the loudspeakers is determined by the special Hardware structural parts to bear, so the neutral design is reasonable. The single-point tensile force of its hardware can be 7 times the safety standard requirement (4500N) of the entire product. SLA12H full-range speakers and SLA series low-frequency speakers are mainly used for indoor sports venues, theaters, arenas, and outdoor mobile performances. Especially the performance of human voice is: "clear, full, without losing weight", this is the sound quality characteristics of the SLA12H and SLA215B systems.



FEATURES

- SLA12H large-scale line array loudspeaker system utilizes SLA ceiling mount, which can hoist up to 16 SLA12H speakers vertically
- SLA12H is a three-way speaker with built-in 2 10" ferrite low frequency driver units, 1 12" ferrite mid frequency driver unit and 2 75-core ferrite plane wave treble compression driver units
- The fan-shaped cylindrical waves emitted by each speaker in the SLA12H line array system can realize seamless coupling, so it can form a coherent cylindrical wave. The opening angle between the two speakers is 0°~ 5°
- SLA12H is a passive version, SLA12H/i is an active version, using a new generation of Class-D functional modules, with DSP digital audio processing function
- Power amplifier module supports analog audio signal input and network audio signal input



TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response(-3db):	50Hz-20kHz
	Max SPL @ 1m:	LF: 116dB/122dB(PEAK); HF:121dB/127dB(PEAK)
	Dispersion (H x V):	100° x 0-10°
Transducers	Compression driver:	2 x 75mm HF
	Midrange:	1 x 12" MF
	Woofer:	2 x 10" LF
Input/Output section	Input Connectors:	2 x NL8 (LF:1+ 1-;MF:2+ 2-;HF:3+ 3-; MF/HF:4+ 4-)
	Sensitivity (1W @ 1m):	LF:90dB; MF:105dB; HF:112dB
Power section		LF:400W□MF:250W□HF:160W(RMS); LF:800W□MF:500W□HF:320W(MUSIC); Total Power: LF:1600W□MF:1000W□HF:640W(PEAK);
	Nominal Impedance (Ohm):	8Ω
Physical specifications	Cabinet/Case Material:	Plywood
	Hardware:	Specialized hardware
	Handles:	2 x Plastic Handles
	Grille:	Black Polyurethane painting for cabinet & Black Powder coated grille,Grill with cloth.
	Color:	Black
Size	Dimension (W x D x H):	806 x 554 x 335mm / (31.7 x 21.8 x 13.2in)
	Package Dimensions (W x D x H):	665 x 445 x 870mm / (26.2 x 17.5 x 34.3in)
Weight	Net Weight:	48 kg / 105.8 lb
	Gross Weight:	51 kg / 112.4 lb