iSEMC

10-inch Line Array Speaker

DLA Series

INTRODUCTION

The DLA-210 line array system is a mid-to-large, cost-effective, high-schedule line array loudspeaker system. The neodymium magnetic treble is used, the treble is transparent, with 75 treble, the sound pressure is greatly attenuated and reduced, the transmission distance is long, the middle frequency is thick and the crossover point is about 2.2K, and the treble and bass have a good combination point.

Subwoofers combine all the advantages of a bass inverted system and a horn speaker: high efficiency, long range, low lower frequency, coupling of the sound field through the entire front plane, so that normal air friction distortion and point loss of distortion are minimized, energy is efficiently transmitted while generating controllable pulses, and optimal dynamics are obtained;

DLA Series

Beijing Lema Technology Co.,Ltd.
Tel:+86 10 64912688 | Fax:+86 10 64912688 info@isemc.com | www.isemc.com

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FEATURES

- Medium to large, cost-effective, high-schedule line array speaker system ;
- Medium and high frequency high resolution, grading, brightness, penetration;
- The low-mids are clean, full and penetrating;
- Sub-low frequency and high sound pressure output, strong and strong, elastic and full, effectively increase the low frequency penetration ;
- Compactness and portability ;
- Strong power transmission and high clarity of sound quality The enclosed cabinet design keeps the lower bass limit clean;
- Designed to meet the requirements of medium and large venues to achieve high-definition sound reinforcement effects
- Cost-effective ,Effectively reduce standing Boeing dyeing,The sound is cleaner

SPECIFICATIONS

DLA-210F is a built-in two-way three-unit full-range system speaker. Two high-efficiency 10" (260mm) 75mm voice coils and 8Ω neodymium low-frequency drivers are selected, The LF system is 16Ω, 1 neodymium 75mm voice coil 16Ω HF compression driver;

DLA-1018B is a high-performance line array subwoofer system featuring an 18-inch (480mm) ferrite 100mm voice coil driver. Together, they can form a complete passive line array system. The middle and low are cleaner, full and penetrating, the treble adopts the wavefront high-frequency horn, the mirror control couples the scattered wave, reduces the time difference interference, and the middle and high frequency have resolution, level, brightness and penetration The front inverted design allows independent cavity control units to interfere with each other's sound coloration. The multi-beam independent directivity of the horn of the linear acoustic lens ensures the uniform projection distance and sound field at each point, and the multi-beam acoustic wave coupling reduces the anterior chamber effect of the horn. The middle and low frequencies are naturally full and magnetic, the mid frequencies are round and full, the mid and high frequencies are bright and supple, the sound field is clean, the mid frequencies are transparent, the high penetration, high transients, high efficiency, and the vocals are natural and smooth.

Model	DLA-210F	DLA-1018B
Name	Dual 10-inch two-way line array full-range speakers	Dual 10-inch Line Array Subwoofer
Frequency response (-10dB).	75Hz -20 kHz	35Hz-300Hz
Rated power	HF:80W LF:700W	600W
Long-term power	HF:160W LF:1400W	1200W

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Peak power	HF:320W LF;2800W	2400W
Sensitivity(1W/1m)	HF:107dB LF:98dB	100dB
Maximum sound pressure level	HF: 126 continuously, peak 132dB, LF: 126 continuous, 132dB peak;	127dB continuous, 135dB peak
Dispersion Angle (HxV)	100°×10°	360°
Frequency crossover mode	External crossover	--
Recommended crossover points	2.2kHz	--
Impedance	HF:16Ω LF:16Ω	8Ω
Woofer	2 × 10" ferrite carbon bass (75mm voice coil)	18" (100mm voice coil) ferrite ultra-low driver
Tweeter	1×3"Ferrite treble (75mm voice coil)	--
The module is adjustable in angle	0°-12°adjustable	--
Rigging system	Metal connections	Metal connections
Box body material	Multi-layer board, painted on the outer surface of the box	High hardness multi-layer plywood, water-based coatings
Color	black	black
Input method	2×NL4 Speaker socket	2×NL4 Speaker socket
Size (WxDxH)	650×416×284mm	650×611×580mm
Weight	23kg	45kg

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