

L4-Array

Dual 10" Passive 3-Way Line Array Loudspeaker

FEATURES

- 2 x 10" low-frequency drivers, 1 x 6.5" mid-frequency driver, 1 x 2" high-frequency compression driver.
- 142dB Max SPL (Peak).
- Frequency Response of 55Hz - 20kHz (± 3 dB).
- 90° (H) (optional 120°) x 10° (V) dispersion angle.
- Integrated 4-point pin-based rigging system.
- Robust wooden enclosure with a wear-resistant finish.



APPLICATIONS

- Small to medium scale touring and concerts.
- Medium to large scale Houses of Worship.
- Medium to large scale clubs.

DESCRIPTION

The L4-Array is a passive 3-way dual 10" line array loudspeaker that comprises 4 specially crafted drive units. 2 x 10" carbon fibre cone low-frequency drivers, 1 x 6.5" Kevlar fibre cone mid-frequency driver, as well as 2 x 3" composite carbon fibre diaphragm tweeters combining to offer a maximum SPL of 142dB (Peak). The carbon fibre cones utilised in the 10" low-frequency drivers improve the overall transient response of the system, provide excellent phase response and perfect line source coupling resulting in a low-distortion high output system. The L4-Array has a frequency response of 55Hz - 20kHz (± 3 dB).

The L4-Array has a horizontal coverage angle of 90° (optional 120°) and a vertical coverage angle of 10°.

The 746mm wide enclosure features an integrated 4-point rigging system for seamlessly linking to additional L4-Array cabinets. Inter-cabinet angle adjustments range from 0° to 10°.

The enclosure is composed of robust plywood, finished with hard-wearing black polyurea paint and fitted with a hexagonal mesh steel grille with acoustic foam backing.

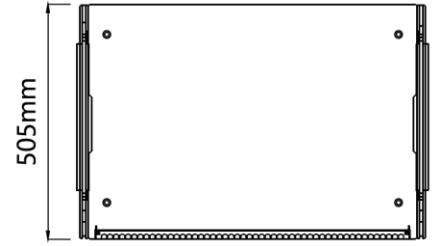
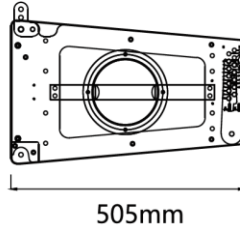
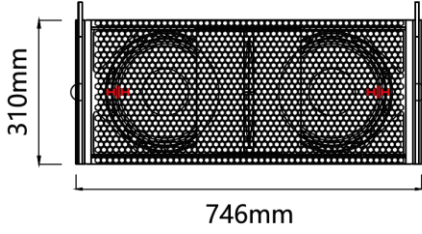


Specifications

Specifications	
Model	L4-Array
System type	Dual 10" 3-way Line Array Loudspeaker
Frequency Response	55Hz - 20kHz (± 3 dB)
	43Hz - 20kHz (-10dB)
Horizontal Coverage Angle	90° (optional 120°)
Vertical Coverage Angle	10°
Power Rating	LF1:380W Continuous, 1520W Peak
	LF2:380W Continuous, 1520W Peak
	MF:250W Continuous, 1000W Peak
	HF:80W Continuous, 320W Peak
Maximum SPL	136dB Continuous, 142dB Peak
Sensitivity	LF1:103dB (1W@1m)
	LF2:103dB (1W@1m)
	MF:106dB (1W@1m)
	HF: 113dB (1W@1m)
Nominal Impedance	LF1:8 Ω , LF2:8 Ω , MF:8 Ω , HF:8 Ω
Speaker	
LF Driver	2 x 10" low-frequency driver
MF Driver	1 x 6.5" mid-frequency driver
HF Driver	1 x 2" high-frequency compression driver
Enclosure	
Cabinet	Robust all wood construction.
Finish	Hard wearing black polyurea paint.
Mounting Bracket	L4-Array-FLB for suspended mounting.
Grille	Hexagonal mesh black perforated steel with acoustic foam backing.
Fittings	2 x Side handles, pin-based rigging system.
Rigging	4-point rigging system with inter cabinet angle adjustments from 0° to 10°.
Connect	
Connectors	2 x Speakon NL8
Pin Connections (Input)	1+/- (LF1), 2+/- (LF2), 3+/- (MF) and 4+/- (HF)
Pin Connections (Link)	1+/-, 2+/-, 3+/- and 4+/-
Dimensions (H/W/D)	310 x 746 x 505mm
Weight	33kg



DIMENSIONS



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