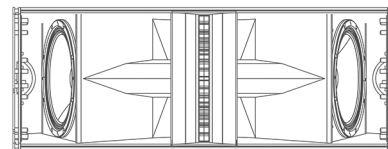




LA212x

3-WAY FULLY HORN LOADED LINE ARRAY



The LA212x is a 3-way fully horn loaded, axially symmetric, line array element, capable of producing crystal clear, detailed and extremely powerful audio performance over distance, with an exceptional 90° horizontal constant dispersion control. Being completely symmetric this line array is capable of generating virtually identical acoustic sound patterns on the right and left which allows for an easy, accurate and symmetric alignment. It incorporates a number of technologies to produce a coherent vertical wave front, extreme sound pressure levels with exceptional accuracy and specially consistent horizontal coverage over a wide frequency range, kept down to 250 Hz. Maintaining directivity control over this wide bandwidth raises the ratio of direct-to-reflected energy, thereby increasing system intelligibility. The LA212x was carefully designed to precisely match all the path lengths from the throat to the mouth of the device.

The generated sound wave has a flat and isophasic wavefront that meets a diffraction slot which maintains a constant horizontal directivity. By vertically limiting and spreading on the horizontal plane, this line array, creates a cylindrical wave with minimal lobing when coupling with other units.

Product Type 3-Way Horn-Loaded Line Array Element	Frequency Response (-6dB) 60Hz - 19.000Hz	Low Frequency Extension (-10dB) 52Hz
Nominal Coverage (-6dB) 90° (Down to 280Hz) x 8°	LF Nominal Impedance 2 x 8Ω	MF Nominal Impedance 16Ω
HF Nominal Impedance 16Ω	Frequency / Type of X-Over (LF to MF) 350Hz, 24dB/oct Linkwitz-Riley	Frequency / Type of X-Over (MF to HF) 1050Hz, 48dB/oct Linkwitz-Riley
Recommended High-Pass Filter 75Hz, 24dB/oct Linkwitz-Riley	LF Sensitivity (1W, 1m) 106dB (Full-Space)	MF Sensitivity (1W, 1m) 112dB (Full-Space)
HF Sensitivity (1W, 1m) 114.5dB (Full-Space)	Maximum SPL (calculated) 138dB / 144dB (Full-Space)	LF Maximum SPL (calculated) 138dB / 144dB (Full-Space)
MF Maximum SPL (calculated) 139dB / 145dB (Full-Space)	HF Maximum SPL (calculated) 138dB / 144dB (Full-Space)	Low Frequency Driver 2 x 12" (300mm) / 3" (76mm) VC, Neodymium, B&C custom speaker
Medium Frequency Driver 1 x 10" (250mm) / 2.5" (65mm) VC, B&C custom speaker	High Frequency Driver 2 x 1.4" (36mm) exit / 3" (75mm) VC, B&C custom compression driver	Low Frequency Driver Power Program: 1600W / Peak: 3200W (10ms)
Medium Frequency Driver Power Program: 500W / Peak: 1000W (10ms)	High Frequency Driver Power Program: 440W / Peak: 880W (10ms)	Input Connectors 2 x Neutrik NLB
Recommended Amplifier N-RAK	Fittings Adjustable (0° to 8°) rigging system	Handles 1 on each side, 2 on the back
Grille Black Perforated Steel	Construction 15mm Multi-Laminate Birch Plywood	Finish Semi-Matte Black Textured Coating
Dimensions (WxHxD) 1020 x 380 x 501 mm	Net Weight 66kg	Shipping Weight 69.1kg