

W8LMDI

Three-way, mini vertically arrayable enclosure

architectural

features

- ▶ Stand alone vertically arrayable enclosure
- ▶ Line array downfill element
- ▶ Consistent 120° (-6dB) horizontal mid and HF pattern control
- ▶ 20° (-6dB) Vertical dispersion
- ▶ Tripod mountable singularly or in pairs
- ▶ Amplitude shading switch
- ▶ Passive or Bi-Amp format
- ▶ Compatible with WMX, WLX, WSX, WS2A & WS218X subwoofers

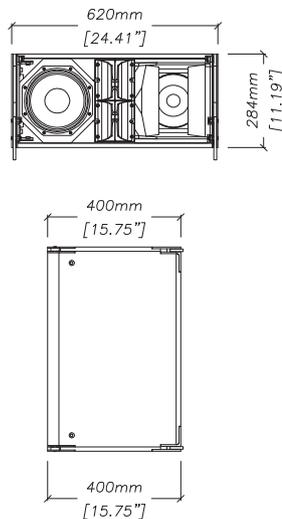
applications

- ▶ Short to medium throw arrays of 1 to 4 cabinets
- ▶ Vertically arrayed downfill for W8LMI systems
- ▶ Theatre sound reinforcement
- ▶ Fixed installations

The W8LMDI is a mini, very wide-dispersion vertically arrayable enclosure. It can be used individually and in small quantities for short to medium throw applications (up to 30 metres) as well as a downfill element for W8LMI systems.

Constant directivity horns are used for high and mid frequencies, ensuring consistent on and off axis performance. The high frequency horn generates the correct Wavefront curvature to provide optimum inter-cabinet summation and to seamlessly integrate with W8LMI arrays. Our revolutionary HiBlade™ device, patent pending, projects the ultra-high frequencies right out to the extremes of the 120° horizontal dispersion pattern. Conventional constant directivity horns are unable to match this performance without making significant compromises to other aspects of the design.

overall dimensions



W8LMDI



technical specifications

TYPE	Three-way, mini vertically arrayable enclosure
FREQUENCY RESPONSE (5)	60Hz-18kHz ± 3dB
DRIVERS: LF + MF Section	8" (200mm)/2" (50mm) voice coil, reflex-loaded direct radiator
HF Section	8" (200mm)/2" (50mm) voice coil, neodymium driver, front horn loaded, rear reflex loaded
	2 x 1" (25mm) exit HF compression drivers, horn loaded
RATED POWER (2)	LF + MF: 400W AES, 1600W peak HF: 75W AES, 300W peak FR: 400W AES, 1600W peak
SENSITIVITY (6)	LF + MF: 99dB HF: 104dB FR: 98dB rising to 103dB at HF
MAXIMUM SPL (calculated @ 1m)	LF + MF: 124dB continuous, 130dB peak HF: 123dB continuous, 129dB peak FR: 123dB continuous, 129dB peak
NOMINAL IMPEDANCE	LF + MF: 12 ohms HF: 12 ohms FR: 12 ohms
DISPERSION (-6dB)	120° horizontal (down to 750Hz), 140° horizontal (down to 650Hz) @ -10dB 20° vertical
CROSSOVER	300Hz passive, 2.2kHz active or passive Shading control switch – rear mounted
ENCLOSURE	Vertical trapezoid with 10° wall angle, multi-laminate birch ply construction
FINISH	Textured paint
PROTECTIVE GRILLE	Perforated steel
CONNECTORS	2 x Neutrik NL4
FITTINGS	Proprietary rigging system 4 x M8 inserts for externally mounted top hat fitting
DIMENSIONS	(W) 620mm x (H) 284mm x (D) 400mm (W) 24.4ins x (H) 11.2ins x (D) 15.75ins
WEIGHT (including rigging hardware)	30kg (66lbs)

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