

# LE1500

Active/passive, low profile, high power, differential dispersion stage monitor

## features

- ▶ Very high output, low profile stage monitor
- ▶ Single 15" (380mm) ultra-long excursion high power, neodymium motor bass driver
- ▶ 1.4" (35mm) exit pure titanium dome, neodymium motor compression driver
- ▶ Optimised constant directivity differential dispersion HF horn
- ▶ Contemporary design multi-laminate ply and hardwood cabinet
- ▶ Active/passive crossover operation via external switch
- ▶ Frequency response 56Hz-18kHz  $\pm 3\text{dB}$ ,  $-10\text{dB}$  @ 48Hz
- ▶ Discreet connectors
- ▶ Fitted with 4 x M8 rigging inserts
- ▶ Left or Right handed versions available

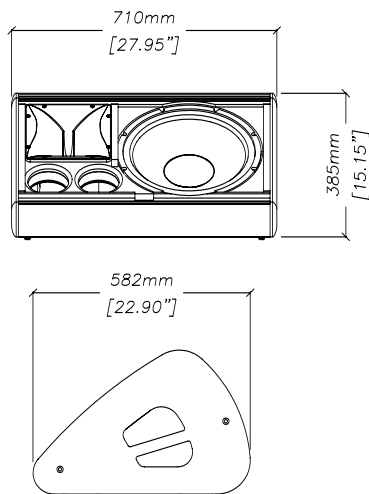
## applications

- ▶ High power stage monitor
- ▶ Flown infill via optional yoke

The Martin Audio LE1500 is a compact, high performance stage monitor combining high output and controlled dispersion with discreet, contemporary design. It features a high-specification 15" (380mm) low frequency drive unit and a 1.4" (35mm) exit compression driver mounted on a differential dispersion horn. Differential dispersion technology increases the area over which a constant SPL and consistent frequency response is maintained at ear height, enabling the artist to move around more freely.

The LE1500 is best used with the DX1 controller. When driven actively, the DX1 provides crossover, limiting and EQ functions. When operated in passive mode the LE1500 benefits from the EQ and limiting functions of the DX1. This also ensures that both active and passive configurations will exhibit the same tonal balance when used together on stage.

## overall dimensions



LE1500



## technical specifications

TYPE	Two-way reflex active/passive stage monitor with differential dispersion HF horn
FREQUENCY RESPONSE (1)	56Hz-18kHz $\pm 3\text{dB}$ $-10\text{dB}$ @ 48Hz
DRIVERS	15" (380mm)/4" (100mm) voice coil, ultra-long excursion, water resistant cone 1.4" (35mm) exit, 3" (75mm) voice coil titanium dome HF compression driver
RATED POWER (2)	FR/LF: 600W AES, 2400W peak HF: 80W AES, 320W peak
RECOMMENDED AMPLIFIER	800-1500W into 4 ohms
SENSITIVITY (3)	FR: 98dB LF: 99dB HF: 106dB
MAXIMUM SPL (calculated @ 1m)	FR: 125dB continuous, 131dB peak LF: 126dB continuous, 132dB peak HF: 125dB continuous, 131dB peak
NOMINAL IMPEDANCE	FR/LF: 8 ohms HF: 16 ohms
DISPERSION (-6dB)	60° - 100° horizontal (differential dispersion) 60° vertical
CROSSOVER	1.3kHz active/passive (switchable)
ENCLOSURE	70 litres
FINISH	Textured black paint
PROTECTIVE GRILLE	Black perforated steel
CONNECTORS	2 x Neutrik NL4
FITTINGS	4 x skids 4 x M8 inserts
DIMENSIONS	(W) 710mm x (H) 385mm x (D) 582mm (W) 27.9ins x (H) 15.2ins x (D) 22.9ins
WEIGHT	36kg (79lbs)

Century Point, Halifax Road, Cressex Business Park,  
High Wycombe, Buckinghamshire HP12 3SL, England.  
Telephone: +44 (0)1494 535312 Facsimile: +44 (0)1494 438669  
E-mail: info@martin-audio.com  
All information is Copyright © 2006 Martin Audio Ltd.



[www.martin-audio.com](http://www.martin-audio.com)