

LE1200S

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

features

- ▶ Very high output, ultra-compact, low profile stage monitor
- ▶ Single 12" (300mm) 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 64Hz-18kHz $\pm 3\text{dB}$, -10dB @ 54Hz
- ▶ Discreet connectors
- ▶ Fitted with 4 x M8 rigging inserts
- ▶ Left or Right handed versions available

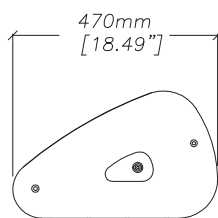
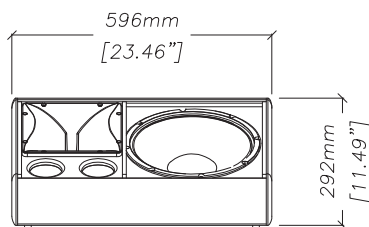
applications

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

The Martin Audio LE1200S is an ultra-compact, high performance stage monitor which combines maximum enclosure volume with optimum presentation angle in a low profile, contemporary design. It features a high-specification 12" (300mm) 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.

Driven actively, the LE1200S is best used with the DX1.5 controller to provide crossover, limiting and EQ functions. When operated in passive mode the LE1200S, may be used without a controller, but benefits from the EQ and limiting functions of the DX1.5. This also ensures that both active and passive configurations will exhibit the same tonal balance when used together on stage.

overall dimensions



LE1200S



technical specifications

TYPE	Two-way reflex active/passive stage monitor with differential dispersion HF horn
FREQUENCY RESPONSE (1)	64Hz-18kHz $\pm 3\text{dB}$ -10dB @ 54Hz
DRIVERS	12" (300mm)/3" (75mm) 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: 400W AES, 1600W peak HF: 80W AES, 320W peak
RECOMMENDED AMPLIFIER	MA5.2K / MA3.0
SENSITIVITY (3)	FR: 97dB LF: 98dB HF: 106dB
MAXIMUM SPL (calculated @ 1m)	FR: 123dB continuous, 129dB peak LF: 124dB continuous, 130dB 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	40 litres
FINISH	Textured black paint
PROTECTIVE GRILLE	Black perforated steel
CONNECTORS	4 x Neutrik NL4
FITTINGS	4 x skids 4 x M8 inserts
DIMENSIONS	(W) 596mm x (H) 292mm x (D) 470mm (W) 23.5ins x (H) 11.5ins x (D) 18.5ins
WEIGHT	20.5kg (45lbs)

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touring and theatre