

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

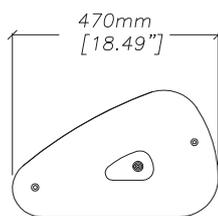
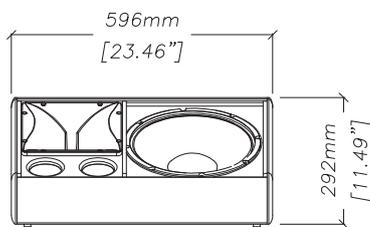
applications

- ▶ 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