

# LE200

## Stage Monitor – Two-way, bi-amp/passive Coaxial Differential Dispersion

### Features

- Compact, two-way stage monitor
- Coaxial 'point-source' performance
- Differential Dispersion™ technology for consistent coverage
- Defined, near-rectangular coverage plane at head-height
- Switchable active/passive operation
- Low-profile plywood enclosure
- M8 rigging inserts
- Multiple connectors for flexible deployment

### Applications

- Stage monitor



Combining very high output capability with Martin Audio's signature sonic performance and consistent coverage, the LE200 is the ultimate, everyday professional monitor. Its Coaxial Differential Dispersion drive unit comprises a powerful 15" (380mm)/3" (75mm) voice coil LF driver and a 1.4" (35mm) exit HF compression driver with a 3" (75mm) pure titanium diaphragm.

Utilising Coaxial Differential Dispersion technology, the LE200's horizontal coverage varies from 100° directly over the monitor, narrowing to 60° further back. This maintains the sound level and balance independent of distance from the monitor and produces a consistent near-rectangular coverage plane at head-height.

The LE200 enclosure is constructed from durable plywood, features integral ergonomic handles, and is finished with a hard-wearing, black textured paint. A strong, perforated steel grille with an acoustically transparent cloth backing provides protection for the Coaxial Differential Dispersion driver, while moulded feet prevent movement onstage and protect against scratches to the base of the monitor.

Switchable between bi-amp and passive operation, the LE200 incorporates an internal 1.6kHz passive crossover and four NL4 connectors located to suit a variety of user requirements. Compact and easy to manoeuvre, its exceptional performance, high output and consistent coverage makes the LE200 the definitive, affordable professional monitor for a wide range of applications.



# LE200

## Stage Monitor – Two-way, bi-amp/passive Coaxial Differential Dispersion

### Technical Specifications

TYPE	Two-way, bi-amp/passive Coaxial Differential Dispersion stage monitor
FREQUENCY RESPONSE (3)	68Hz-18kHz $\pm$ 3dB -10dB @ 50Hz
DRIVERS	LF: 15" (380mm)/3" (75mm) voice coil, long excursion, shared ferrite motor system with HF HF: 1.4" (32mm) exit/3" (75mm) voice coil, titanium dome compression driver
RATED POWER (2)	400W AES, 1600W peak
RECOMMENDED AMPLIFIER	iK41, iK81, VIA5002, VIA5004
SENSITIVITY (3)	LF: 100dB, HF: 103dB Passive: 100dB
MAXIMUM SPL (9)	133dB peak
NOMINAL IMPEDANCE	LF/FR: 8 ohms, HF: 8 ohms
DISPERSION (-6dB)	100°-60° horizontal, 60° vertical
CROSSOVER	1.2kHz active/passive (switchable)
ENCLOSURE	Birch/poplar ply
FINISH	Black textured paint
PROTECTIVE GRILLE	Black perforated steel with scrim cloth backing
BAFFLE ANGLE	30°
CONNECTORS	4 x NL4 type
PIN CONNECTIONS	LF/FR: 1+/-, HF: 2+/-
FITTINGS	2 x bar handles Protective rubber feet on base and sides 4 x M8 inserts
DIMENSIONS	(W) 610mm x (H) 364mm x (D) 562mm (W) 24.0ins x (H) 14.3ins x (D) 22.1ins
DIMENSIONS INCL FEET	(W) 616mm x (H) 367mm x (D) 562mm (W) 24.2ins x (H) 14.4ins x (D) 22.1ins
WEIGHT	26kg (57.3lbs)
ACCESSORIES	Eyebolts

#### Notes

- (1) Measured on-axis in half (2pi) space at 2 metres, then referred to 1 metre.
- (2) AES Standard ANSI S4.26-1984.
- (3) Measured in half (2pi) space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (4) Measured in half (2pi) space at 2 metres using band limited pink noise, then referred to 1 metre.
- (5) Measured on-axis in open (4pi) space at 2 metres, then referred to 1 metre.
- (6) Measured in open (4pi) space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (7) Measured in open (4pi) space at 2 metres using band limited pink noise, then referred to 1 metre.
- (8) Measured in open (4pi) space at 2 metres with 2.83v input, using band limited pink noise, then referred to 1 metre.
- (9) Calculated at 1 metre.
- (10) Measured in half (2pi) space at 2 metres with 2.83V input, using band limited pink noise, then referred to 1 metre.

#### Trade Descriptions Act

Due to Martin Audio's policy of continuing improvement, we reserve the right to alter these specifications without prior notice. Martin Audio is committed to refining state of the art sound reinforcement, combining in-depth product and field applications research with advanced manufacturing techniques. Every Martin Audio product is built to the highest manufacturing standards and rigorously tested to ensure that it meets the performance criteria specified in the design.

