

# LE100

## Stage Monitor – Two-way 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
- Low-profile plywood enclosure
- Integral pole-mount with removable bung
- M8 rigging inserts
- Multiple connectors for flexible deployment

### Applications

- Stage monitor
- Pole-mounted fill/PA system



The LE100 is an extremely compact, two-way passive monitor. It features a 12" (300mm) LF /1" (25mm) exit HF Coaxial Differential Dispersion driver to distribute sound evenly over the listening plane. The LF driver section has a 2.5" (65mm) voice coil and an efficient motor system with an aluminium demodulating ring to minimise distortion. The coaxial HF driver utilises a 1.75" (44mm) polyimide dome and features a low-compression phase-plug to reduce non-linearity associated with overly-high compression ratios.

The unique Coaxial Differential Dispersion technology employed in the LE100 produces a horizontal coverage pattern which varies from a wide 110° directly over the monitor, reducing to 60° further back. This tapering produces a near-rectangular coverage plane at head-height to maintain the sound level and balance independent of distance from the monitor.

The LE100 enclosure is constructed from durable plywood and is finished with a durable black textured paint. Ergonomic pocket handles assist handling and a strong, perforated steel grille with an acoustically transparent cloth backing provides driver protection. Moulded feet prevent movement onstage and protect the base of the monitor from scratches.

As well as use as a stage monitor, the LE100 offers a range of flexible deployment options. It can be inverted and used as a pole-mounted sidefill or sound reinforcement system without the need to rotate the drive unit, or combined with a Martin Audio subwoofer as a drumfill. A removable pole-mount bung maintains clean lines in stage monitor guise while a total of five NL4 connectors at the front, base and in each handle pocket satisfy a wide variety of user configurations.



