

MLX Specifications & Dimensions

Acoustical

TYPE	Hybrid [®] horn/reflex subwoofer.
FREQUENCY RESPONSE (1)	35Hz-150Hz ± 3dB
MAXIMUM SPL	LF: 140dB continuous, 150dB peak (3)

Drivers

LF	2x18" 115mm / 4.5" voice coil, ultra-long excursion, high efficiency neodymium magnet
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Rated Power (2)

LF	3000W AES, 12000W peak
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Dispersion

Digitally controlled in an array

Audio input

CONNECTORS	Female XLR input, male XLR link output
ANALOGUE INPUT IMPEDANCE	20kΩ balanced to ground
MAXIMUM ANALOGUE INPUT LEVEL	6.15Vrms (+18dBu), over voltage protected
AES/EBU IMPEDANCE	110Ohms balanced, Receive and transmit termination

Network

CONNECTORS	IP68rated 8-way, quick-release type
PROTOCOL	U-NET

Amplifier Module

TYPE	Single channel Class D, fixed frequency
PEAK OUTPUT POWER	8500W
AVERAGE EFFICIENCY	85%
COOLING	2 x temperature controlled internal fans 1 x low-speed internal blower 1 x temperature controlled external fan
MAXIMUM AMBIENT TEMPERATURE	45°C (113°F) for full output

Power Supply

TYPE	Switch mode, fixed frequency with PFC
AC INPUT OPERATING RANGE	100 – 240V ~ AC, 50 - 60Hz
AC OVERVOLTAGE TOLERANCE	400V AC
POWER FACTOR	> 0.95
NOMINAL POWER CONSUMPTION	600W
MAINS CONNECTOR	16A IEC309 (Ceeform)

General

ENCLOSURE	Extensively braced, multi-laminate birch-ply
FINISH	Textured black PU coating
PROTECTIVE GRILLE	Black HEX perforated steel
FITTINGS	Proprietary rigging system Protective rubber side-cheeks incorporating skids Wheel-board Transit cover

IP Rating	Weather protection cowl IP 24
DIMENSIONS (inc. wheel-board)	(W) 1126mm x (H) 607mm (607mm) x (D) 1027mm (1200mm)
WEIGHT (ex. wheel-board)	(W) 44.4in x (H) 23.9in (23.9in) x (D) 47.2in 160kg (352lbs)

Accessories

Flying frame (including clinometer)
Flying Pin
Mains distribution system
Tour-grade network interconnects
Merlin Controller/U-NET Hub

Notes

- (1) Measured on-axis on ground plane (2p space) at 2 metres, then referred to 1 metre.
- (2) AES Standard ANSI S4.26-1984.
- (3) Measured in half-space at 1 metre with a tone burst signal.

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