



MX6

2-Way 6" High-Fidelity Weatherproof Speaker

The Quest MX6 is a high-fidelity, weatherproof surface-mount loudspeaker designed for demanding permanent installations. Its ultra-compact, low-profile enclosure enables discreet wall or ceiling mounting, while delivering clear, detailed, and balanced sound reproduction. Constructed from UV-stabilised materials and equipped with a corrosion-resistant grille, the MX6 offers reliable operation in both indoor and outdoor environments.

The included UB1X bracket system allows for rapid, repeatable deployment, streamlining installation and ensuring precise alignment every time.

KEY SPECIFICATIONS

Impedance	16 Ω & 70/100V
Transducers	1" HF & 6" LF
Dispersion	150° x 125°
Power	60W RMS
Weather Rating	IP55, or IP65 with included connector cover
Mounting	Wall mount (UB1X) included; ceiling mount (UB2X) optional



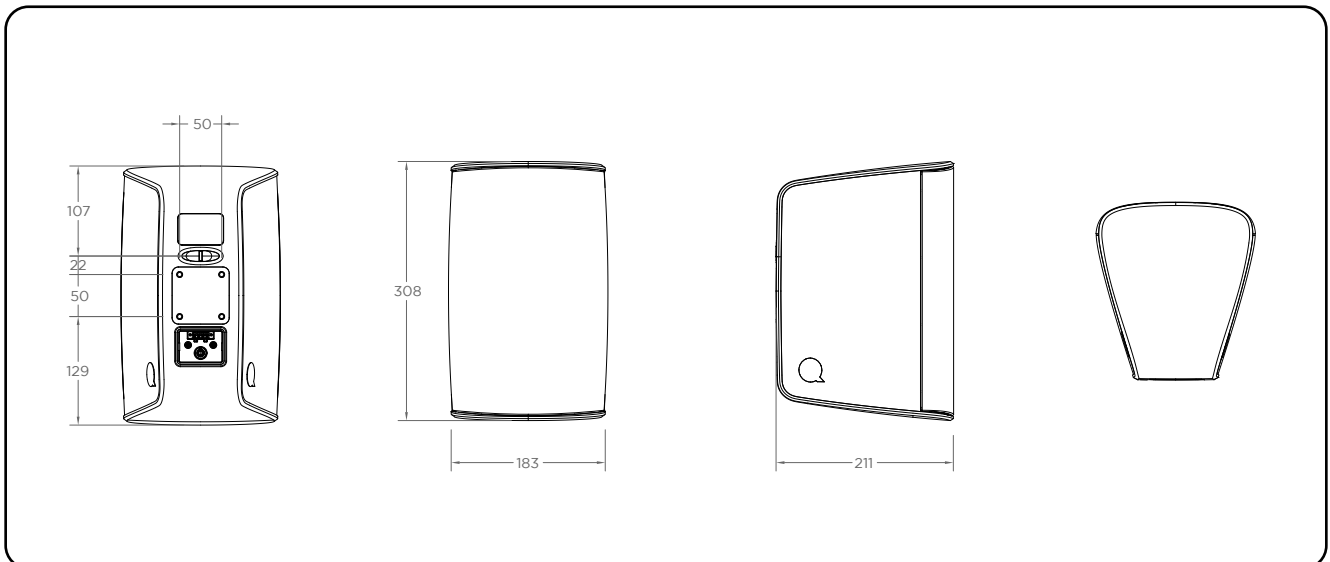
*Quest Engineering reserves the right to make changes in specifications, or products without prior notice.

SPECIFICATIONS



COLOURS	WHITE (RAL9003)	BLACK (RAL9005)
MODELS	MX6W	MX6B
FREQUENCY RESPONSE (-6dB)	90Hz to 20kHz	
SENSITIVITY - 1W @ 1m	86dB	
MAXIMUM SPL @ 1m	108dB	
POWER HANDLING (RMS/PEAK)	60W / 120W	
NOMINAL IMPEDANCE	16Ω	
TRANSDUCERS	HF: 25mm (1") Dome Tweeter / LF: 152mm (6") Woofer	
DISPERSION (H° x V° -6dB)	150° x 125°	
TRANSFORMER SETTINGS	100V: 10W / 20W / 30W / 40W	
	70V: 5W / 10W / 15W / 20W	
CONNECTIONS	Euroblock/Phoenix Connector - 5.08mm Pitch (In/Thru)	
RIGGING POINTS	50mm x 50mm Back Bracket Mount	
DIMENSIONS (H x W x D)	308 x 183 x 211mm (12.1" x 7.2" x 8.3")	
WEIGHT	4.0kg (8.8lb)	
IP RATING	Speaker Cabinet IP55 or IP65 when used with included Weatherproof Connector Cover	
CABINET MATERIAL & FINISH	Injection Moulded ASA (Acrylonitrile Styrene Acrylate)	
GRILLE MATERIAL & FINISH	Removable Powder Coated Aluminium Grille	
SHIPPING DIMENSIONS (H x W x D)	385 x 270 x 365mm (15.2" x 10.6" x 14.4")	
SHIPPING WEIGHT	5.7kg (12.6lb)	
RECOMMENDED POWER AMPLIFIER	Quest QX or QXD Amplifiers	
ACCESSORIES (INCLUDED)	Wall Mount Bracket (UB1XB/UB1XW), Weatherproof Connector Cover, Standard Connector Cover & Euroblock/Phoenix Connector	
ACCESSORIES (AVAILABLE SEPARATELY)	Ceiling Mount Bracket (UB2XB/UB2XBW)	

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ACCESSORIES



WALL MOUNT BRACKET
UB1XB



CEILING MOUNT BRACKET
UB2XB

MX6

The loudspeaker system shall be a 2-way, full-range surface-mounted loudspeaker, housed within an Injection Moulded ASA (Acrylonitrile Styrene Acrylate) enclosure. The system shall be weatherproof with an IP55 rating (IP65 when used with the included Weatherproof Connector Cover). The front baffle will incorporate a 152mm (6") Woofer coupled with a 25mm (1") Dome Tweeter.

The loudspeaker will have a nominal impedance of 16 ohms and a power handling capacity of 60 W RMS, with a peak power rating of 120 W. Its frequency response (-6 dB) will extend from 90 Hz to 20 kHz. The sensitivity will be 86 dB SPL (1 W/1 m), with a maximum peak output of 108 dB SPL. The horizontal dispersion will be 150°, and the vertical dispersion will be 125°.

The loudspeaker will support both 100 V and 70 V line operation with selectable power settings as follows:

100 V operation: 10 W, 20 W, 30 W, 40 W

70 V operation: 5 W, 10 W, 15 W, 20 W

The connection panel will incorporate Euroblock/Phoenix connectors with a 5.08 mm pitch to facilitate in/thru wiring.

The loudspeaker will be available in White (RAL9003) or Black (RAL9004). The system's overall dimensions are 308 mm (H) x 183 mm (W) x 211 mm (D). The net weight will be 4.0 kg.

The loudspeaker will include the Wall Mount Bracket (UB1XB/UB1XW), Weatherproof Connector Cover, Standard Connector Cover, and Euroblock/Phoenix Connector. Ceiling Mount Brackets (UB2XB/UB2XW) will be available as optional accessories.

The loudspeaker will be the MX6W (White model) or MX6B (Black model) by Quest Engineering.

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