



# MX8

## 2-Way 8" High-Fidelity Weatherproof Speaker

The Quest MX8 is a high-performance weatherproof surface-mount loudspeaker, engineered for applications requiring extended low-frequency response, high output capability, and exceptional clarity. Its robust enclosure design ensures consistent performance in both indoor and outdoor environments. Built for long-term durability, the MX8 combines premium sound quality with rugged construction, making it ideal for professional audio installations in hospitality, commercial, and public spaces.

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

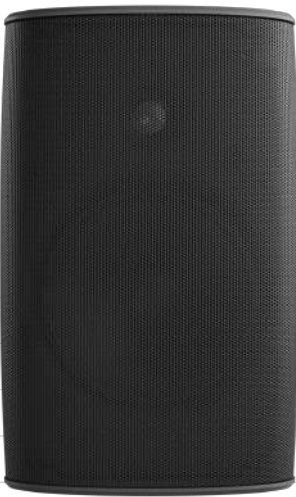
### KEY SPECIFICATIONS

|                |                                                            |
|----------------|------------------------------------------------------------|
| Impedance      | 16 $\Omega$ & 70/100V                                      |
| Transducers    | 1" HF & 8" LF                                              |
| Dispersion     | 140° x 110°                                                |
| Power          | 80W 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.

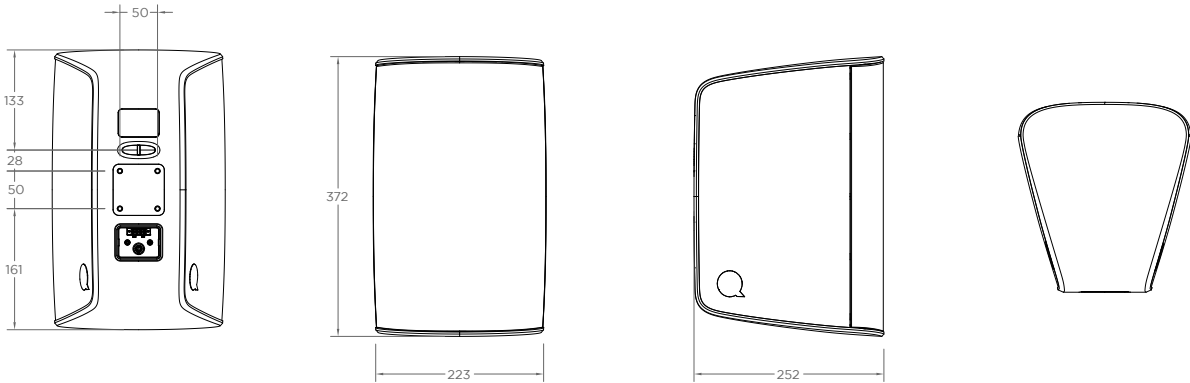


# SPECIFICATIONS



| COLOURS                            | WHITE (RAL9003)                                                                                                        | BLACK (RAL9004) |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------|
| MODELS                             | MX8W                                                                                                                   | MX8B            |
| FREQUENCY RESPONSE (-6dB)          | 80Hz to 20kHz                                                                                                          |                 |
| SENSITIVITY - 1W @ 1m              | 88dB                                                                                                                   |                 |
| MAXIMUM SPL @ 1m                   | 112dB                                                                                                                  |                 |
| POWER HANDLING (RMS/PEAK)          | 80W / 160W                                                                                                             |                 |
| NOMINAL IMPEDANCE                  | 16Ω                                                                                                                    |                 |
| TRANSDUCERS                        | HF: 25mm (1") Dome Tweeter / LF: 203mm (8") Woofer                                                                     |                 |
| DISPERSION (H° x V° -6dB)          | 140° x 110°                                                                                                            |                 |
| TRANSFORMER SETTINGS               | 100V: 20W / 30W / 40W / 60W                                                                                            |                 |
|                                    | 70V: 10W / 15W / 20W / 30W                                                                                             |                 |
| CONNECTIONS                        | Euroblock/Phoenix Connector - 5.08mm Pitch (In/Thru)                                                                   |                 |
| RIGGING POINTS                     | 50mm x 50mm Back Bracket Mount                                                                                         |                 |
| DIMENSIONS (H x W x D)             | 372 x 223 x 252mm (14.6" x 8.8" x 9.9")                                                                                |                 |
| WEIGHT                             | 5.9kg (13lb)                                                                                                           |                 |
| 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)    | 450 x 310 x 410mm (17.7" x 12.2" x 16.1")                                                                              |                 |
| SHIPPING WEIGHT                    | 7.7kg (17lb)                                                                                                           |                 |
| 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

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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 203mm (8") Woofer coupled with a 25mm (1") Dome Tweeter.

The loudspeaker will have a nominal impedance of 16 ohms and a power handling capacity of 80 W RMS, with a peak power rating of 160 W. Its frequency response (-6 dB) will extend from 80 Hz to 20 kHz. The sensitivity will be 88 dB SPL (1 W/1 m), with a maximum peak output of 112 dB SPL. The horizontal dispersion will be 140°, and the vertical dispersion will be 110°.

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

100 V operation: 20 W, 30 W, 40 W, 60 W

70 V operation: 10 W, 15 W, 20 W, 30 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 372 mm (H) x 223 mm (W) x 252 mm (D). The net weight will be 5.9 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 MX8W (White model) or MX8B (Black model) by Quest Engineering.

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