**MB210-WR outdoor-rated compact subwoofer**

ARCHITECTS’ & ENGINEERS’ SPECIFICATIONS

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The outdoor-rated, compact subwoofer loudspeaker shall contain two (2) 10-inch cone transducers with high-excursion capabilities intended to optimize frequency response below 300 Hz.

The loudspeaker shall meet the following performance specifications: On-axis system frequency range shall be 37 to 270 Hz (-10 dB) with recommended equalization presets. System sensitivity shall be 90 dB SPL in free field with 1 W input with the loudspeaker capable of producing peak output of 123 dB SPL on axis at 1 meter, with recommended equalization. With half-space acoustic loading (ground stack position), the system sensitivity shall be 96 dB SPL in free field with 1 W input with the loudspeaker capable of producing peak output of 129 dB SPL on axis at 1 meter, with recommended equalization. The system long-term power rating shall be 500 W with nominal input impedance of 8 ohms. Power handling will be rated using IEC 268-5 pink noise, 6-dB crest factor, for 500 hours, with recommended EQ presets.

The loudspeaker shall be constructed of exterior-grade plywood, protected by a two-part polyurea industrial coating. A three-layer stainless steel, powder-coated grille, water-resistant woofer cone coating, and molded input cover shall be provided to allow IEC-60529 environmental rating of IP55, suitable for direct-exposure outdoor installation. The enclosure will incorporate six (6) M8 threaded inserts (3 per side) for connection to accessory U-brackets. A single 4-terminal barrier strip input connector (In and Thru) shall accept wiring from 10 to 18 gauge. The loudspeaker shall be available with black or white finish (paintable). Loudspeaker dimensions (H × W × D) shall be 291 × 659 × 484 mm (11.5 × 26.0 × 19.1 in) and net weight shall be 19.4 kg (42.8 lb).

The outdoor-rated, compact subwoofer loudspeaker shall be the MB210-WR model.