DesignMax DM10P-SUB pendant subwoofer

ARCHITECTS' & ENGINEERS' SPECIFICATIONS

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The subwoofer shall contain a 10-inch woofer in a tuned-port enclosure.

The loudspeaker shall meet the following performance specifications: On-axis system frequency response shall be 46 Hz to 108 kHz (-3 dB) with the use of recommended active equalization. The loudspeaker sensitivity shall be 85 dB SPL in whole-space environment with Bose Professional EQ voicing with 1 W input at 1 meter. The long-term power handling rating shall be 300 W (AES test methodology using IEC system noise, 2-hour duration). Maximum continuous output shall be 110 dB SPL and the maximum peak output shall be 116 dB SPL, both in whole­space environment with Bose Professional EQ voicing.

The loudspeaker shall be constructed of an engineered-plastics enclosure. The loudspeaker shall consist of plastic materials that are resilient to cooking oil exposure. The loudspeaker shall be in compliance with the following safety standards; UL1480A, UL2239. The transducer shall be located behind a perforated steel grille with a powder­coated finish that is rotatable. The loudspeaker shall be available in black or white and shall be paintable. Input connectors shall be a Euroblock 6-pin connector with loop-through, mounted on top. The loudspeaker shall have a nominal rated impedance of 8 ohms and shall be wired in parallel with a line voltage matching (stepdown) transformer with a level selector appropriate for output taps of 20, 40, 80, 150 W and bypass (8 ohms). The loudspeaker input connections shall allow for direct connection to 70-volt, 100-volt or low-impedance amplifiers. The loudspeaker shall include a suspension cable. The cable shall be an adjustable Gripple cable at a length of 4.57 m (15.0 ft).

Loudspeaker dimensions shall be 400 × 383 mm (15.7 × 15.1 in) and net weight shall be 8.9 kg (19.7 lb) with grille.

Warranty shall be 5 years. The loudspeaker shall be the DesignMax DM10P-SUB pendant subwoofer.