ARCHITECTURAL SPECIFICATIONS

MM-10 Miniature Subwoofer

ARCHITECTURAL SPECIFICATIONS (ALL MM-10 MODELS)

The loudspeaker shall be a self-powered, sub-bass system with one 10 in cone driver (with a 2 in voice coil) rated to handle 400 watts. The loudspeaker shall incorporate internal processing electronics and a single-channel class D amplifier.

Processing functions shall include equalization, phase correction, signal division, and driver protection. Amplifier output power shall be 220 W (440 W peak). Distortion (THD, IM, TIM) shall not exceed 0.02%.

Performance specifications for a typical production unit shall be as follows, measured at 1/3-octave resolution: operating frequency range, 33–228 Hz; phase response, 38–138 Hz ±45°; linear peak SPL, 118.5 dB, measured with M-noise, half-space at 4 meters and referred to 1 meter. Coverage shall be 360 degrees.

Loudspeaker components shall be mounted in a cabinet constructed of premium multi-ply birch with a slightly textured black finish. Its front protective grille shall be powder coated, hex-stamped steel with black mesh screen.

The loudspeakers shall be the Meyer Sound MM-10XP, MM-10AC, or MM-10ACX.

ARCHITECTURAL SPECIFICATIONS (MM-10XP)

The loudspeaker shall be equipped with either a Phoenix 5-pin male or EN3 5-pin male connector (three pins for balanced audio and two pins for DC power). The audio input shall be electronically balanced with a 10-kOhm impedance and accept a nominal –2.0 dBV (0.8 V rms, 1.1 V peak) input signal. DC blocking and RF filtering shall be provided, and CMRR shall be greater than 50 dB and typically 80 dB (50 Hz to 500 Hz).

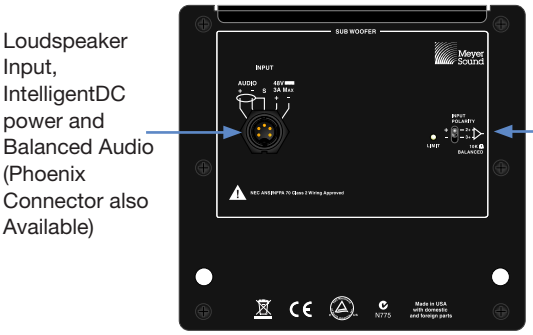
The approved power source shall be a Meyer Sound 48 V DC multi-channel power supply model. Current draw during burst (< 1 sec) shall be 2.5 A rms at 48 V DC; current inrush during turn-on shall not exceed 7.0 A peak at 48 V DC.

Dimensions shall be 19 inches wide x 11 inches high x 12 inches deep (482 mm x 279 mm x 305 mm).

Weight shall be 26.7 lbs (12.11 kg).

The loudspeaker shall be the Meyer Sound MM-10XP.

MM-10XP Rear Panel, EN3 Connector



ARCHITECTURAL SPECIFICATIONS (MM-10AC)

The audio input shall be electronically balanced with a 10-kOhm impedance and accept a nominal –2.0 dBV (0.8 V rms, 1.1 V peak) input signal. Connectors shall be XLR female for input and XLR male for loop output. DC blocking and RF filtering shall be provided, and CMRR shall be greater than 50 dB and typically 80 dB (50 Hz to 500 Hz).

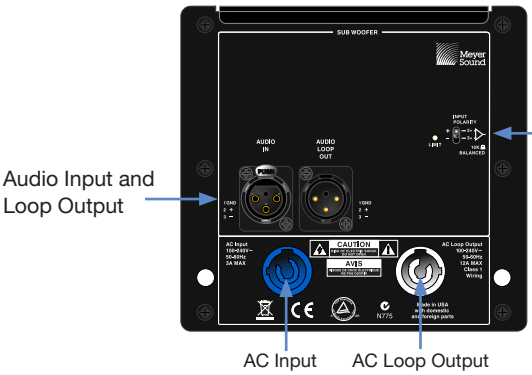
Power requirements shall be nominal 100 V, 110 V, or 230 V AC line current at 50–60 Hz. UL and CE operating voltage ranges shall be 100 to 240 V AC. AC power connectors shall be powerCon 20 with looping output. Current draw during burst (< 1 sec) shall be 0.9 A rms at 115 V, 0.4 A rms at 230 V AC, and 1.1 A peak at 100 V AC; current inrush during turn- on shall not exceed 4.0 A rms at 115 V AC, 2.4 A rms at 230 V AC, and 4.0 A peak at 100 V AC.

Dimensions shall be 19 inches wide x 11 inches high x 12 inches deep (482 mm x 279 mm x 305 mm).

Weight shall be 28.2 lbs (12.79 kg).

The loudspeaker shall be the Meyer Sound MM-10AC.

MM-10AC Rear Panel



ARCHITECTURAL SPECIFICATIONS (MM-10ACX)

The audio input shall be electronically balanced with a 10-kOhm impedance and accept a nominal –2.0 dBV (0.8 V rms, 1.1 V peak) input signal. Three XLR female input connectors shall be provided, one for the subwoofer and two for satellite loudspeakers. DC blocking and RF filtering shall be provided, and CMRR shall be greater than 50 dB and typically 80 dB (50 Hz to 500 Hz). Two output connectors shall be provided for routing balanced audio and 48 V of DC power to the satellite loudspeakers.

Satellite output connectors shall be either Phoenix 5-pin male or EN3 5-pin female (three pins for balanced audio, two pins for DC power). An input select switch shall determine whether the subwoofer receives its source from the subwoofer input or from the satellite inputs (summed). The subwoofer output shall be adjusted with a gain control.

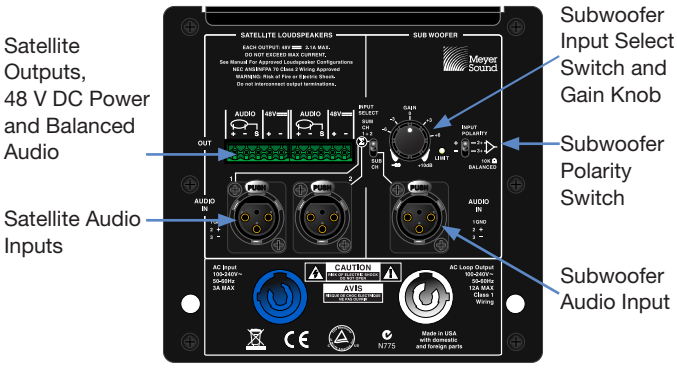
Power requirements shall be nominal 100 V, 110 V, or 230 V AC line current at 50–60 Hz. UL and CE operating voltage range shall be 100 to 240 V AC. AC power connectors shall be powerCon 20 with looping output. Current draw during burst (< 1 sec) shall be 1.1 A rms at 115 V, 0.6 A rms at 230 V AC, and 1.3 A peak at 100 V AC; current inrush during turn- on shall not exceed 6.6 A rms at 115 V AC, 3.7 A rms at 230 V AC, and 7.2 A peak at 100 V AC.

Dimensions shall be 19 inches wide x 11 inches high x 12 inches deep (482 mm x 279 mm x 305 mm).

Weight shall be 30.8 lbs (13.97 kg).

The loudspeaker shall be the Meyer Sound MM-10ACX.

MM-10ACX Rear Panel, Phoenix Connectors



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MM-10 Architectural Specifications
18.199.140.01 A 2309

3K59 OR 3JKB
COMMERCIAL
AUDIO SYSTEM
US LISTED