

SYNERGY HORN FULL RANGE LOUDSPEAKERS

Similar to its brother (SM-60F), the SM-60M combines great fidelity, low frequency pattern control and unrivaled Magnitude/phase response into an ultra-compact enclosure. Perfect for mains with bass arrays, fills and distributed audio applications.

Same box as the SM-60F with the following differences: Only available in install version, less power requirements and no low frequency drivers.

Specifications

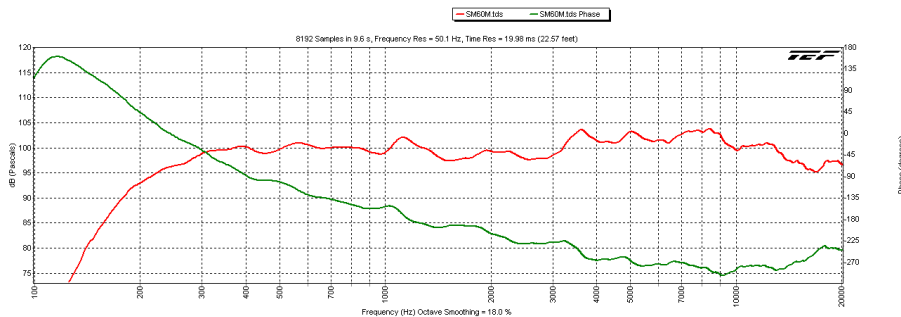
Coverage Pattern 60° horizontal x 60° vertical
 Operating Frequency Range 270 Hz - 15 kHz +/- 3 dB
 178 Hz - 24 kHz -10 dB
 Sensitivity @ 1M 100 dB SPL
 (Measured as 2.83V input, 1M whole space)
 Maximum Output 124 dB SPL Cont., 130 dB SPL Peak
 Input Power Ratings 250W continuous, 1000W Peak
 Nominal Impedance 8 ohms
 Minimum Impedance 5 ohms @ 11 kHz
 Recommended Processing 200 Hz HP @ 24 dB/Butterworth
 Drivers 1 x 5" Coaxial
 Input Connections 2-NL4MP
 Enclosure Material 13ply, 18mm Baltic Birch, polyurea coated

SM-60M

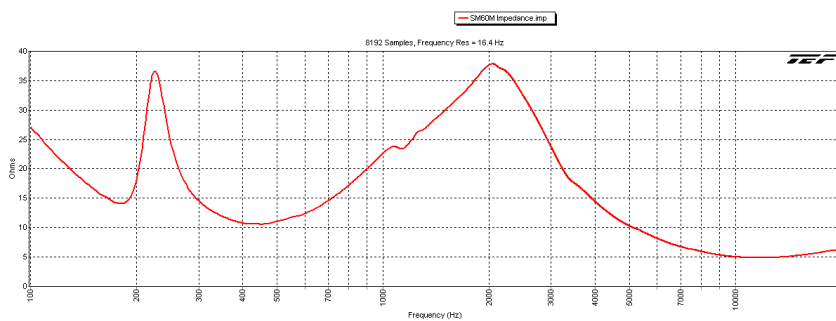
Synergy Horn
 Performance in an
 Ultra-Compact Box



SM60M
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SM60M Impedance
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Accessories

Mounting brackets for array
 MB 50 Fly-ware
 Speaker Cover
 Weatherized options available

PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions (in.)	Weight
SM 60M	130 dB	100 dB	270 Hz – 15 kHz	60° x 60°	500 W	20.6 x 20.6 x 16.3	45 lbs

Architect/Engineers Specs

The loudspeaker shall utilize the synergy Horn/Tapped Horn patent-pending enclosure covering three pass bands. The coverage pattern shall be 60° horizontal x 60° vertical. The loudspeaker shall have an operating range of +/- 3 dB 270 Hz – 15 kHz. Sensitivity of 100 dBSPL @ 1m. Output of 124 dBSPL/130 dBSPL Peak. Power handling shall be 250 Watts continuous, 500 Watts program. The impedance shall be nominal 8 ohms.

The loudspeaker shall be constructed of 13 ply Baltic birch, water resistant Polyurea coated, properly braced for the intended use and a rugged steel grill. The connectors shall be Neutrik NL4. The Loudspeaker shall be the Danley Sound Labs SM-60M.