

SYNERGY HORN MONITOR LOUDSPEAKERS

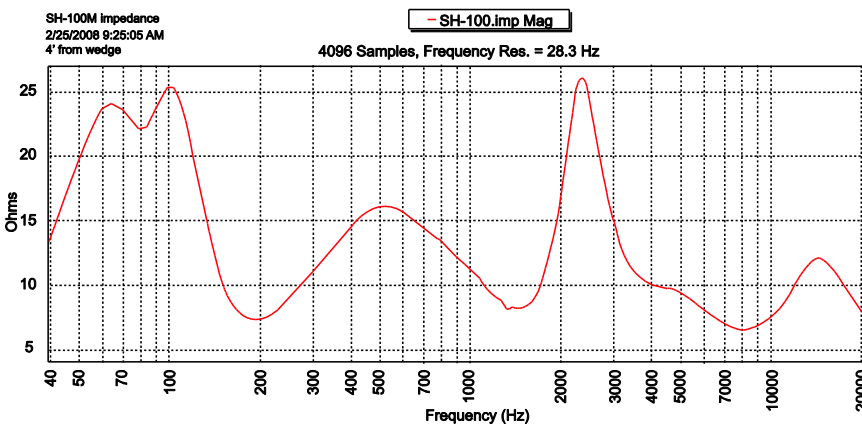
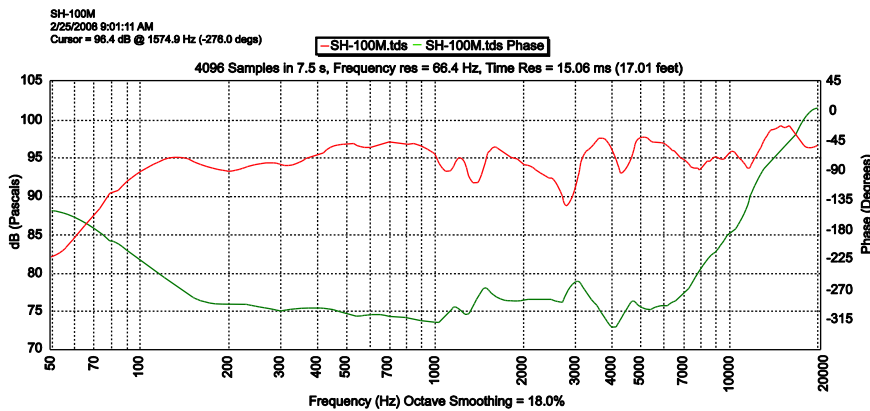
The SM-100M is a wedge style monitor that offers wide dispersion with front to back rejection and high gain before feedback. Accuracy, Fidelity and Economy; great things come in three's!

Specifications

Coverage Pattern 110° conical
 Operating Frequency Range 70 Hz - 20 kHz +/- 3 dB
 50 Hz - 24 kHz -10 dB
 Sensitivity @ 1M..... 95 dB SPL
 (Measured as 2.83V input, 1M half space)
 Maximum Output 120 dB SPL Cont., 126 dB SPL Program
 Input Power Ratings..... 300W continuous, 1200W Peak
 Nominal Impedance 8 ohms
 Minimum Impedance 5 ohms @ 7 kHz
 Recommended Processing 70 Hz HP @ 24 dB/Butterworth
 Drivers..... Single 8" coaxial
 Input Connections 2-NL4MP
 Enclosure Material 13ply, 18mm Baltic Birch, polyurea coated

SM-100M

Low-Profile Wedge
 Style Monitor



Accessories

Weatherized options available

PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions (in.)	Weight
SM100M	126 dB	95 dB	70 Hz - 20 kHz	110° conical	600 W	20.5 x 20.5 x 12	41 lbs

Architect/Engineers Specs

The loudspeaker shall utilize one 8" coaxial transducer in a patent-pending enclosure. The coverage pattern shall be 110° conical. The loudspeaker shall have an operating range of +/- 3 dB 70 Hz – 20 Hz. Sensitivity of 95 dB SPL 1w/1m. Output of 120 dB SPL/126 dB SPL Peak. Power handling shall be 300 Watts continuous, 600 Watts program. The impedance shall be nominal 8 ohms.

The loudspeaker shall be constructed of 13 ply 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-100M.