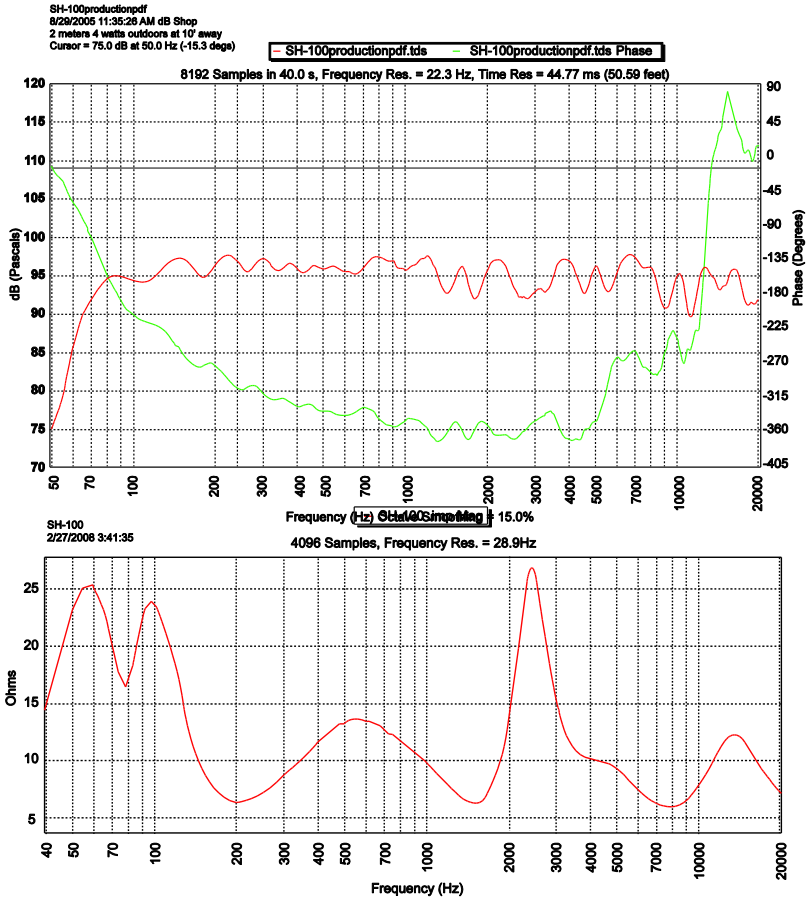
The SM100 full range loudspeaker is a two-way Synergy Horn. When broader dispersion is needed this device handles the job flawlessly. It is an excellent choice for distributed systems due to its superior pattern control, frequency response and overall fidelity. Pole cup allows for portability and fits most tripods.

SM100

Wide dispersion with high fidelity and great pattern control

Specifications

Coverage Pattern ..... 110° conical
Operating Frequency Range ..... 70 Hz - 20 kHz +/- 3 dB
..... 50 Hz – 24 kHz -10 dB
Sensitivity @ 1M .....95 dBSPL
..... (Measured as 2.83V input, 1M whole space)
Maximum Output..... ..120 dBSPL Cont.,126 dBSPL Peak
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.....1 x 8” coaxial
Input Connections.....2-NL4MP
Enclosure Material ..... 13ply, 18mm Baltic Birch, polyurea coated



Accessories

Powered version available
U-Bracket & Swivel adapter
Weatherized options available

PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions (in.)	Weight
SM100	126 dB	95 dB	70 Hz – 20 kHz	110° conical	600 W	20.5 x 20.5 x 9	45 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 kHz. Sensitivity of 95 dBSPL @ 1m. Output of 120 dBSPL/126 dBSPL 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 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 SM100.