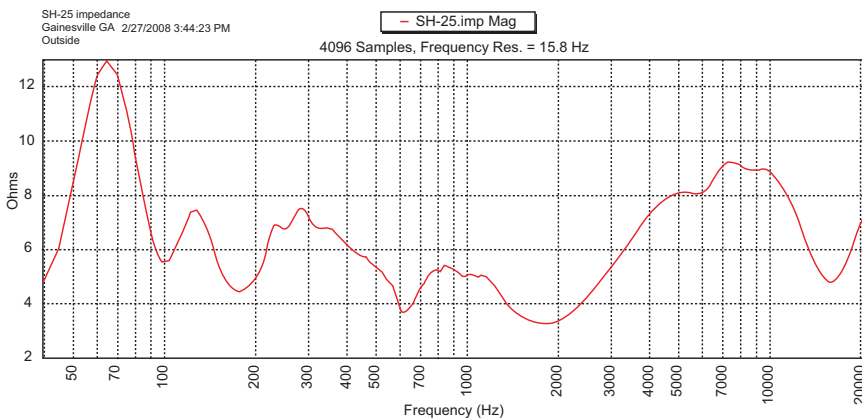
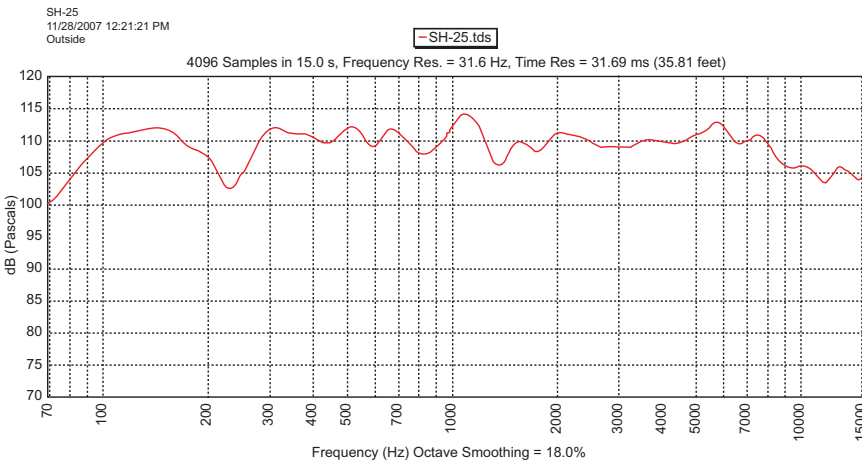


SYNERGY HORN FULL RANGE LOUDSPEAKERS

The SH-25 is ideal where great fidelity; high output and pattern control are required in both horizontal and vertical arrays. With a coverage pattern of 25° x 25°, this Hi-Q box was designed for long-throw applications. A single SH-25 has a frequency response of 90 Hz – 18 kHz, and four in an array will extend the low frequency down to 50 Hz. Driver compliment is 8 - 6.5" woofers, 4 - 4" midrange, and 1 - 1" high frequency.

Specifications

Coverage Pattern 25° horizontal x 25° vertical
 Operating Frequency Range..... 90 Hz – 18 kHz +/- 3 dB
 70 Hz – 20 kHz -10 dB
 Sensitivity @ 1M 110 dBSPL
(Measured as 2.83V input, 1M whole space)
 Maximum Output.....137 dBSPL Cont., 143 dBSPL Program
 Input Power Ratings..... 1000W continuous, 2000W Program
 Nominal Impedance4 ohms
 Recommended Processing..... 70 Hz HP @ 24 dB/Butterworth
 Drivers LF 8 x 6.5", MF 4 x 4", HF 1 x 1"
 Input Connections 2-NL4MP
 Enclosure Material 13ply, 18mm Baltic Birch, polyurea coated



SH-25

Long-throw full range loudspeaker with Hi-Fi Sound



Applications

Houses of worship
 Commercial theatre sound
 Live music venues
 Performing arts centers
 Stadiums/Arenas
 Discos

Accessories

Powered version available
 Mounting brackets for array
 MB 60 Fly-ware
 Weatherized options available

PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions (in.)	Weight
SH 25	143 dB	110 dB	90Hz – 18kHz	25° x 25°	2,000 W	28 x 28 x 50.7	176 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 25° horizontal x 25° vertical. The loudspeaker shall have an operating range of +/- 3dB 90Hz – 18 kHz. Sensitivity of 110 dBSPL @ 1M. Output of 137 dBSPL/143 dBSPL Peak. Power handling shall be 1000 W continuous, 2000W Program. The impedance shall be nominal 4 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 SH-25.