

SYNERGY HORN FULL RANGE LOUDSPEAKERS

The SH64, a standalone solution which works anywhere great fidelity, low frequency pattern control and unrivaled Magnitude/phase response are required. For high SPL and low distortion sound reproduction. A 3-way powerhouse with 9 drivers in a single horn!

Available in both Touring and Install versions - touring version comes with handles and wheels to make it easily transportable.

Specifications

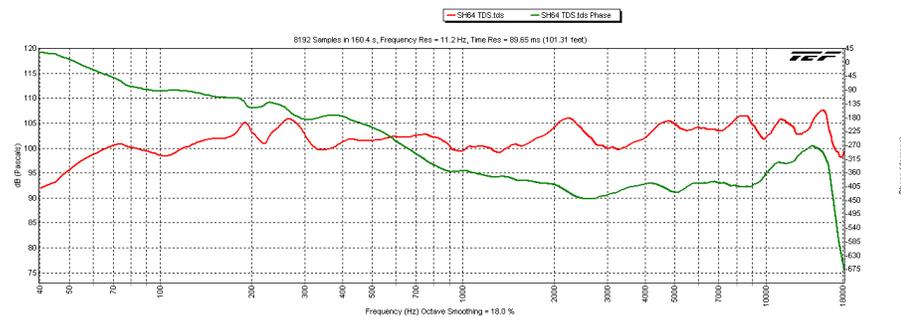
Coverage Pattern..... 60° horizontal x 40° vertical
 Operating Frequency Range 65 Hz – 16 kHz +/- 3 dB
 43 Hz – 20 kHz -10 dB
 Sensitivity @ 1M..... 103 dB SPL
 (Measured as 2.83V input, 1M whole space)
 Maximum Output..... 135 dB SPL Cont., 141 dB SPL Peak
 Input Power Ratings..... 1400 W continuous, 5600 W Peak
 Nominal Impedance 8 ohms
 Minimum Impedance..... 7.3 ohms @ 455 Hz
 Recommended Processing 40 Hz HP @ 24 dB/Butterworth
 Drivers LF 4 x 15", MF 4 x 4", HF 1 x 1.4"
 Input Connections 2-NL4MP
 Enclosure Material 13ply, 18mm Baltic Birch, polyurea coated

SH64

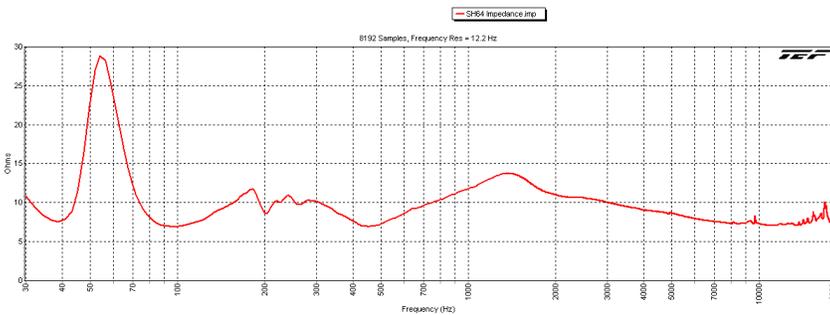
A single box solution for high output, narrower



SH64 TDS
3/24/2010 3:36:38 PM outdoors



SH64
outdoors 3/25/2010 8:53:23 AM



Accessories

Powered version available
 Weatherized options available

PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions (in.)	Weight
SH64	138 dB	103 dB	65 Hz – 16 kHz	60° x 40°	2,800 W	26.5 x 34 x 25	197 lbs

Architect/Engineers Specs

The loudspeaker shall utilize 4 – 15” woofers, 4 – 4” mid frequency drivers and 1 – 1.4” high frequency driver in a patent-pending enclosure. The coverage pattern shall be 60° horizontal x 40° vertical. The loudspeaker shall have an operating range of +/- 3 dB 65 Hz – 16 kHz. Sensitivity of 103 dBSPL @ 1m. Output of 135 dBSPL/138 dBSPL Peak. Power handling shall be 1400 Watts continuous, 2800 Watts program. The impedance shall be nominal 7.3 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 SH-64.