

SYNERGY HORN FULL RANGE LOUDSPEAKERS

Our SH96 was initially designed as a request of commercial theatre; this 3-way powerhouse has 11 drivers in a single horn!

Unlike the flagship SH50, which possesses a 50° x 50° beam width, the SH96 has a much wider 90° x 60° beam width.

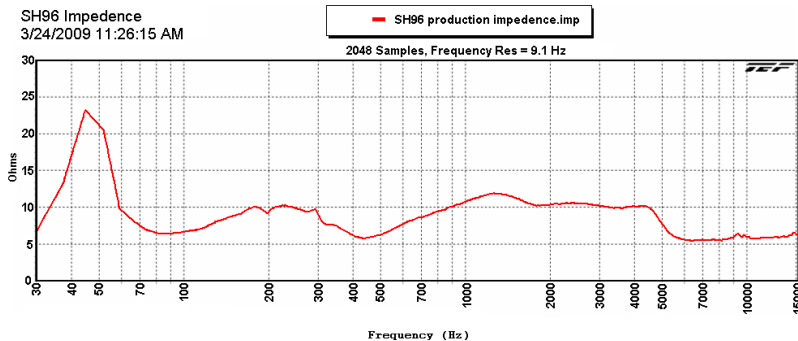
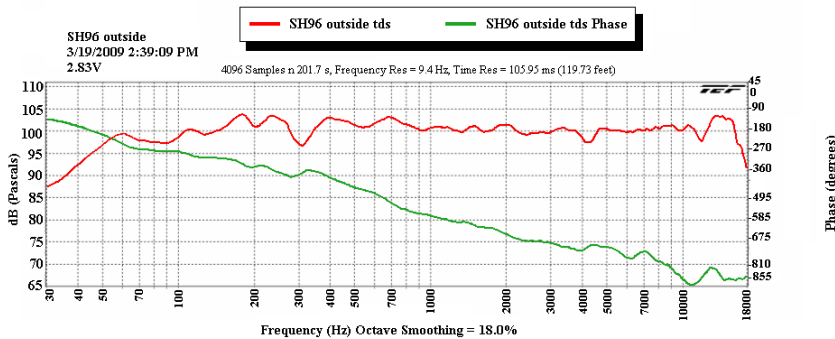
Available in both Touring and Install versions - touring version comes with handles and wheels to make it easily transportable.

Specifications

Coverage Pattern90° horizontal x 60° vertical
 Operating Frequency Range 50 Hz - 16 kHz +/- 3 dB
 36 Hz - 19 kHz - 10 dB
 Sensitivity @ 1M 101 dB SPL
 (Measured as 2.83V input, 1M whole space)
 Maximum Output133 dB SPL Cont., 139 dB SPL Peak
 Input Power Ratings..... 1400 W continuous, 5600 Peak
 Nominal Impedance 8 ohms
 Minimum Impedance ohms
 Recommended Processing 40 Hz HP @ 24 dB/Butterworth
 Drivers.....LF 4 x 15", MF 6 x 4", HF 1 x 1.4"
 Input Connections2-NL4MP
 Enclosure Material 13ply, 18mm Baltic Birch, polyurea coated

SH96

Single box solution for high output and wide coverage



Accessories

Powered version available
 Weatherized options available

PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions (in.)	Weight
SH96	139 dB	101 dB	50 – 16 kHz	90° x 60°	2,800 W	26.5 x 45 x 25	215 lbs

Architect/Engineers Specs

The loudspeaker shall utilize 4 – 15" woofers, 6 – 4" mid frequency drivers and 1 – 1.4" high frequency driver in a patent-pending enclosure. The coverage pattern shall be 90° horizontal x 60° vertical. The loudspeaker shall have an operating range of +/- 3 dB 50 Hz – 16 kHz. Sensitivity of 101 dB SPL @ 1m. Output of 133 dB SPL/139 dB SPL Peak. Power handling shall be 1400 Watts continuous, 2800 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 SH96.