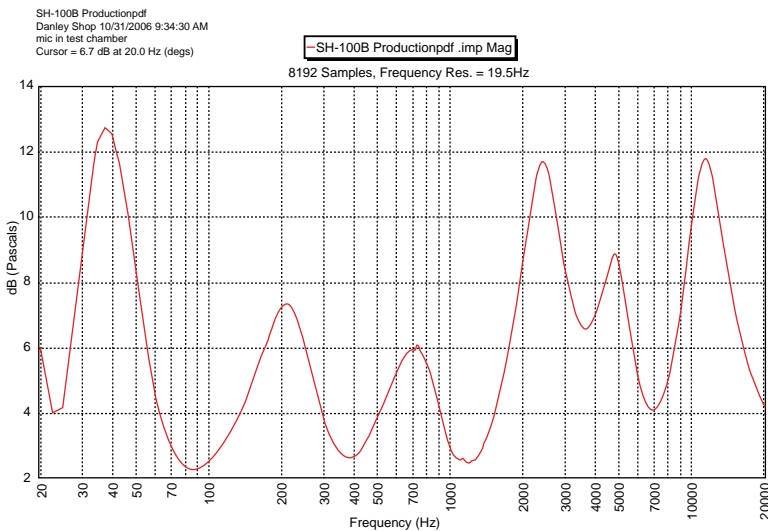
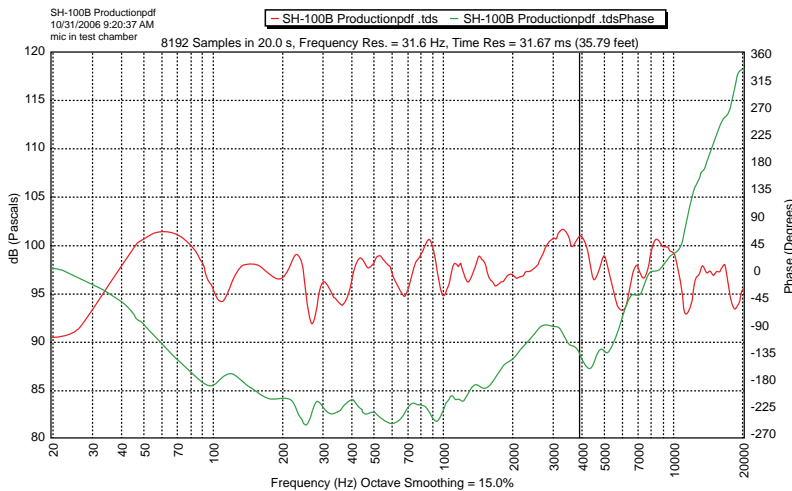


SYNERGY HORN FULL RANGE LOUDSPEAKERS

The SH-100B gives you the additional power of a tapped horn wrapped around an SH-100. With the incredibly tight low end response one loudspeaker per side, with or without subwoofers, will do an amazing job of covering a substantial seating area. The touring version can easily be transported and set up by a one man crew.

Specifications

Coverage Pattern 110° horizontal x 110° vertical
 Operating Frequency Range.....50 Hz - 17 kHz +/- 3 dB
 30 Hz – 24 kHz -10 dB
 Sensitivity @ 1M 98 dB SPL
(Measured as 2.83V input, 1M whole space)
 Maximum Output.....124 dB SPL Cont., 130 dB SPL Program
 Input Power Ratings..... 800W continuous, 1600W program
 Nominal Impedance4 ohms
 Recommended Processing..... 35 Hz HP @ 24 dB/Butterworth
 Drivers LF 4 x 8" Long excursion, 1 x 8" coaxial
 Input Connections 2-NL4MP
 Enclosure Material 13ply, 18mm Baltic Birch, polyurea coated



SH-100B

A Tapped Horn wrapped around an SH-100



Applications

- Houses of worship
- Commercial theatre sound
- Live music venues
- Performing arts centers
- Discos
- High end home theatres

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
SH 100B	130 dB	98 dB	50 Hz – 17 kHz	110° x 110°	1,600 W	20.5 x 33.5 x 19	135 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 110° horizontal x 110° vertical. The loudspeaker shall have an operating range of +/- 3 dB 50 Hz – 17 kHz. Sensitivity of 98 dB SPL @ 1m. Output of 124 dB SPL/130 dB SPL Peak. Power handling shall be 800 Watts continuous, 1600 Watts program. The impedance shall be nominal 4 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-100B.