

SPECIFICATIONS OF THE SH-100

Loudspeaker Type:

Full Range Loudspeaker

Coverage Pattern: 110° conical*Operating Freq range:*

70Hz-20kHz +/- 3dB

50Hz-24kHz +/- 10dB

Sensitivity at 1W/1M:

(measured as 28.3V input ½ space @10M distance)

95 dBSPL (-1dB 80Hz - 20kHz)

Maximum output:

120 dBSPL Continuous/123 dBSPL Program

Input power ratings:

300 continuous 600 Program

Recommended Amp Power:

400W - 800W @ 8 ohms

Nominal Impedance: 8 ohms*Minimum impedance:* 5 ohms @ 7kHz*Recommended signal processing:*

70 Hz highpass @ 24 dB/Octave

Drivers : Single 8" coaxial*Input connections:* 2 - NL4MP*Enclosure type:* Baltic birch*Dimensions:*

Height: 20.5 inches / 520.7 mm

Width: 20.5 inches / 520.7 mm

Depth: 9 inches / 228.6 mm

Weight: 45 lbs. / 20.41 kg

APPLICATIONS

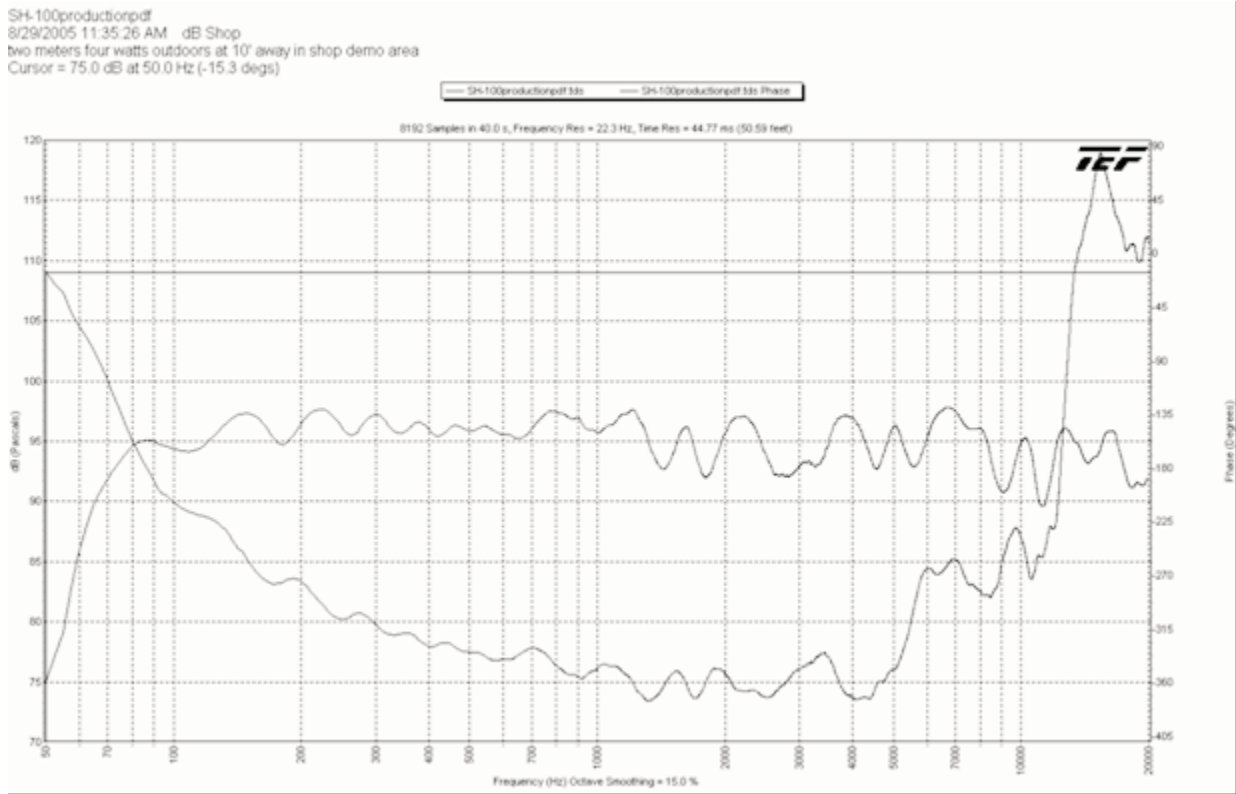
- Houses of Worship
- Commercial Theatre Surround
- Live Music Venues
- Discos
- Performing Arts Centers
- Home Theatre

FEATURES

The SH-100 is a wide dispersion fully horn-loaded full range loudspeaker. Due to the large horn mouth the SH-100 offers substantial directivity and front to back rejection. High Frequencies are very smooth throughout the coverage pattern and are not beamy.

Applications include point source techniques whereby one loudspeaker is desired to cover a large area or distributed approaches wherein wide coverage with high directivity is desired. The SH-100 is also a wonderful option for high quality 5.1 or 7.1 systems.

FREQUENCY RESPONSE



Architect/Engineers' Specs

The loudspeaker shall utilize one 8" coaxial transducer in a patent-pending enclosure. The loudspeaker shall have an operating range of +/- 3 dB 80 Hz – 20 kHz. Sensitivity of 95 dB SPL 1w/1m. Output of 118 dB SPL/121 dB SPL Peak. Power handling shall be 300 W continuous, 600W Program. The loudspeaker shall be constructed of 13 ply birch properly braced for the intended use and a rugged steel grill. The connectors shall be Neutrik NL4.

The fullrange loudspeaker shall be the Danley Sound Labs SH-100.