The SHDFA is an asymmetrical full range horn designed to seamlessly integrate with the SH50. The SHDFA fits the exact footprint of the SH50 and is only 13" high. The coverage pattern of (50° x 100°) x 50°; while still maintaining considerable pattern control due to its depth makes this a very unique problem solving product.

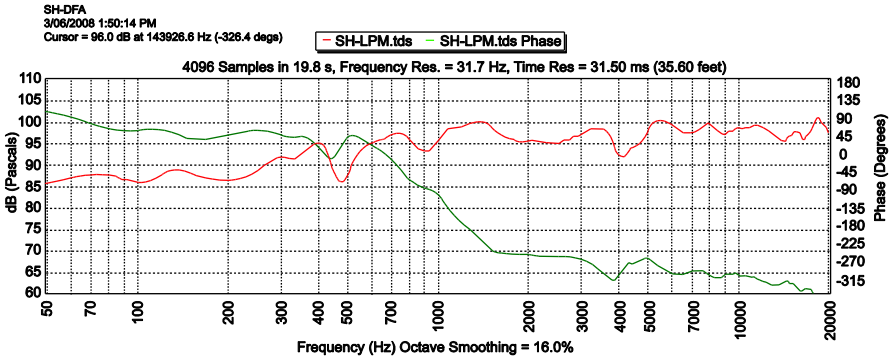
Give the front row the quality they deserve.

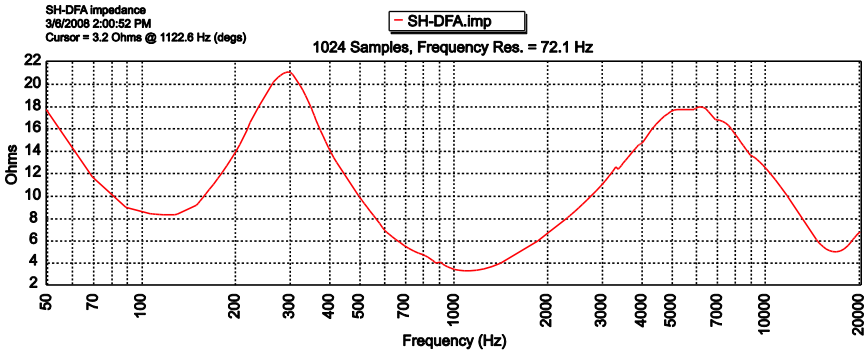
SHDFA

Asymmetrical Full Range Horn

Specifications

Coverage Pattern ..... 50° x 100° H asymmetric x 50° V
Operating Frequency Range ..... 350 Hz - 18 kHz +/- 3 dB
..... 50 Hz – 20 kHz -10 dB
Sensitivity @ 1M ..... 96 dBSPL
..... (Measured as 2.83V input, 1M whole space)
Maximum Output ..... 122 dBSPL Cont., 128 dBSPL Peak
Input Power Ratings ..... 400W continuous, 1600W Peak
Nominal Impedance ..... 8 ohms
Recommended Processing ..... 70 Hz HP @ 24 dB/Butterworth
Drivers ..... LF 1 x 10", HF 1 x 1"
Input Connections 2-NL4MP
Enclosure Material ..... 13ply, 18mm Baltic Birch, polyurea coated





Accessories

Mounting brackets to SH50
Weatherized options available

PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions (in.)	Weight
SHDFA	128 dB	96 dB	350Hz – 18kHz	(50°x100°) x 50°	800 W	12 x 28 x 25.5	69 lbs

Architect/Engineers Specs

The loudspeaker shall be of an Asymmetrical Full Range Horn. Having a horizontal coverage pattern of 50° x 100° H asymmetric x 50° V, when tightly packed shall seamlessly integrate the behavior of the SH50 loudspeaker. The loudspeaker shall have built in down angle so that when tight packed with the SH50, no pull-back is required.

The loudspeaker shall have an operating range of +/- 3dB 350 Hz – 18 kHz. Sensitivity of 96 dBSPL. Output of 122 dBSPL/128 dBSPL Peak. Power handling shall be 400 W continuous, 800 W Program. The impedance shall be nominal 8 ohms.

The loudspeaker shall be constructed of 13 ply Baltic birch, and water resistant Polyurea coated. The connectors shall be Neutrik NL4. The subwoofer loudspeaker shall be the Danley Sound Labs SHDFA.