

SYNERGY HORN FULL RANGE LOUDSPEAKERS

The SH-DFA is an asymmetrical full range horn designed to seamlessly integrate with the SH-50. The SH-DFA fits the exact footprint of the SH-50 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.

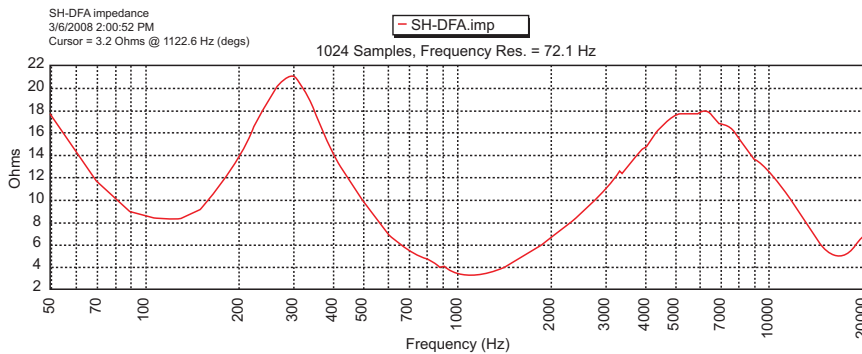
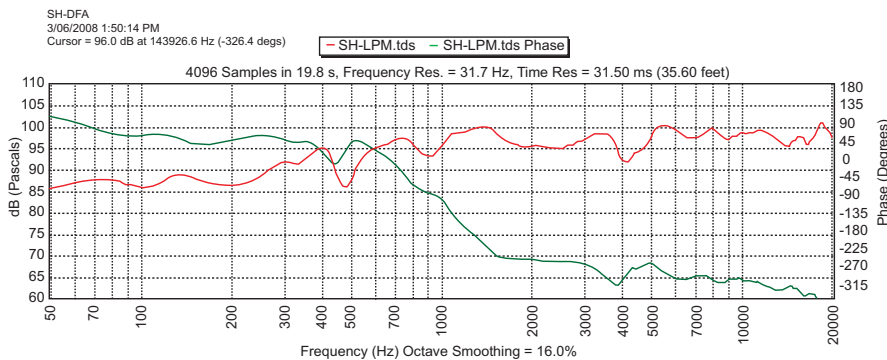
Give the front row the quality they deserve.

Specifications

Coverage Pattern50° 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 dB SPL
(Measured as 2.83V input, 1M whole space)
 Maximum Output.....122 dB SPL Cont., 128 dB SPL Program
 Input Power Ratings..... 400W continuous, 800W program
 Nominal Impedance8 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

SH-DFA

Asymmetrical Full Range Horn



Applications

Houses of worship
 Commercial theatre sound
 Live music venues
 Performing arts centers
 Discos

Accessories

Mounting brackets to SH50
 Weatherized options available

PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions (in.)	Weight
SH DFA	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 SH-50 loudspeaker. The loudspeaker shall have built in down angle so that when tight packed with the SH-50, 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 SH-DFA.