



Right from the Start

Model SH-DFA

SPECIFICATIONS OF THE SH-DFA

Loudspeaker Type:

Full Range Loudspeaker

Coverage Pattern:

50° x 100° H Asymmetric x 50° V

Operating Freq range:

80Hz-18kHz +/- 3dB

Sensitivity at 1W/1M:

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

96 dBSPL

Maximum output:

121 dBSPL Continuous/124 dBSPL Program

Input power ratings:

500 continuous 1000 Program

Recommended Amp Power:

Contingent on target SPL

Nominal Impedance: 8 ohms

Recommended signal processing:

70 Hz highpass @ 24 dB/Octave

Drivers : 1 - 1" high frequency, 1 - 10" woofer

Input connections: 2 - NL4MP

Enclosure type: Baltic birch

Dimensions:

Height: 13 inches / 330.2 mm
Width: 28 inches / 711.2 mm
Depth: 22.5 inches / 571.5 mm

Weight: 65 lbs. / 29.51 kg



APPLICATIONS

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

FEATURES

The SH-DFA, short for down-firing-asymmetric, is an asymmetrical full range horn designed to seamlessly integrate with the SH-50 or can be utilized as a standalone loudspeaker. At only 13" high, the SH-DFA fits the exact footprint of the SH-50 and with it's built in down angle allows it to be tight packed with the SH-50 with no pull-back required.

The coverage pattern of 50 x 100 H asymmetric x 50 V, along with the ability to maintain considerable pattern control due its depth, makes this a very unique problem solving product.

Product Specifications

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FREQUENCY RESPONSE

*****Frequency response TEF data coming soon*****

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 +/- 3 dB 80 Hz – 18 kHz. Sensitivity of 96 dBSPL 1w/1m. Output of 121 dBSPL/124 dBSPL Peak.

Power handling shall be 500 W continuous, 1000W Program. The loudspeaker shall be constructed of 13 ply birch. The connectors shall be Neutrik NL4.

The subwoofer loudspeaker shall be the Danley Sound Labs SH-DFA

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