

SYNERGY HORN FULL RANGE LOUDSPEAKERS

The SH60 – a 60° version of our flagship SH50 Synergy Horn featuring seamless arraying and true full range performance down to 50Hz along with great low frequency pattern control and high output. One box houses 2 - 12" drivers, 6 - 4" mids and a 1" high frequency driver.

Available in both Touring and Install versions - touring version comes with handles to make it easily transportable.

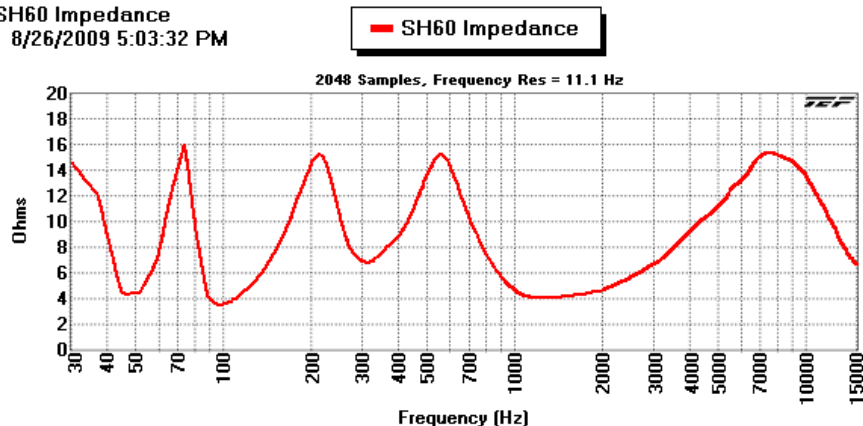
Specifications

Coverage Pattern60° horizontal x 60° vertical
Operating Frequency Range 48 Hz - 18 kHz +/- 3 dB
.....41 Hz – 24 kHz -10 dB
Sensitivity @ 1M..... 100 dBSPL
..... (Measured as 2.83V input, 1M whole space)
Maximum Output127 dBSPL Cont., 133 dBSPL Peak
Input Power Ratings.....1000W continuous, 4000W Peak
Nominal Impedance 4 ohms
Minimum Impedance3.8 ohms @ 1220 Hz
Recommended Processing 40 Hz HP @ 24 dB/Butterworth
Drivers.....LF 2 x 12", MF 6 x 4" HF 1 x 1"
Input Connections2-NL4MP
Enclosure Material13ply, 18mm Baltic Birch, polyurea coated

SH60

The Sound of the
legendary SH50 with
wider coverage

SH60 Impedance
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Accessories

Powered version available
Mounting brackets for array
MB 50 Fly-ware
60-OFW Outer Fly-ware
Speaker Cover
Weatherized options available

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PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions (in.)	Weight
SH60	133 dB	100 dB	48 Hz – 18 kHz	60° x 60°	2,000 W	28 x 28 x 22	127 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 60° horizontal x 60° vertical. The loudspeaker shall have an operating range of +/- 3 dB 48 Hz – 18 kHz. Sensitivity of 100 dBSPL @ 1m. Output of 127 dBSPL/133 dBSPL Peak. Power handling shall be 1000 Watts continuous, 2000 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 SH60.