

SYNERGY HORN FULL RANGE LOUDSPEAKERS

The JH-90 “Jericho Horn” is simply the most accurate powerful loudspeaker ever created. A single cabinet can produce quality audio well beyond 1000’ from a true full range point source housing; six 18” drivers, six - 6” mid range drivers and three 1.4” coaxial high frequency drivers.

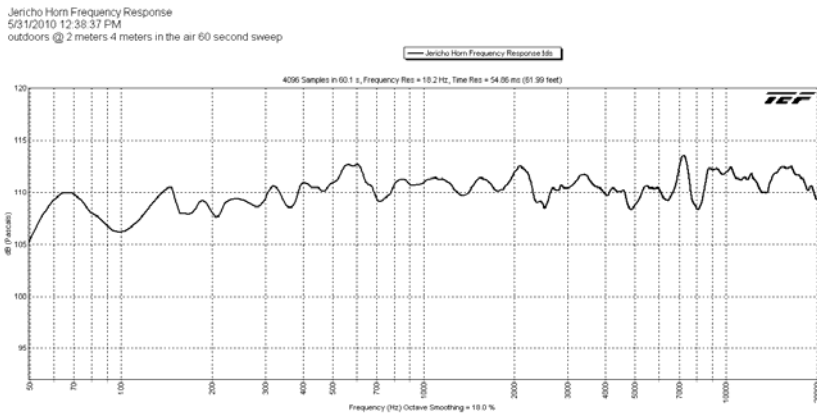
Based on the required coverage distance, the Jericho Horn is available with or without Danley’s patent pending shaded amplitude lens technology.

Specifications

Coverage Pattern . 90° horizontal x 40° vertical (0° on axis, 40°down -6dB)
 Operating Frequency Range.....47 Hz - 22 kHz +/- 3 dB
37Hz – 24 kHz -10 dB
 Maximum Output.....148dBSPL Cont., 151 dBSPL Program
 Input Power Ratings:
 LOWS: Quantity of six 4 ohm loads – either 6 x 2-3K watts @ 4 ohm
 or 3 x 4-6K watts @ 2 ohm amp channels
 MIDS: Single 5 ohm load – 800-1500 watts @ 4 ohms
 MID HI: Single 2.67 ohm load – 1000 watts @ 2 ohms
 HIGH: Single 2.67 ohm load – 600 watts @ 2 ohms
 Recommended Processing.....DSL exclusive processor
 Drivers.....LF 6 x 18”, MF 6 x 6” HF 3 x coaxial HF
 Input Connections 19-pin Male Socapex Lighting connector
 Enclosure Material 24mm Baltic Birch, polyurea coated

JH-90

The loudest
reference monitor
ever created!



Applications

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

Accessories

Self-Powered model
 JH90-OFW Outer Fly-ware
 Cabinet dolly, Touring Cover
 Weatherized options

PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions (in.)	Weight
JH 90	150 dB	Band dependent	50 Hz – 22 kHz	90° x 40°	See above	60” x 45” x 28”	720 lbs

Architect/Engineers Specs

The loudspeaker shall utilize the Synergy Horn patent-pending enclosure covering four pass bands. The coverage pattern shall be 90° horizontal x 40° vertical. The loudspeaker shall have an operating range of +/- 3 dB 47 Hz – 22 kHz. Sensitivity of 110 dBSPL @ 1m. Output of 148 dBSPL/151 dBSPL Peak. Power handling shall be 17000 Watts continuous program. Addition of Shaded Amplitude Lens Technology allows this acoustic energy to be evenly distributed out to heretofore unheard of distances.

The loudspeaker shall be constructed of 24mm Baltic birch, water resistant Polyurea coated, properly braced for the intended use and a rugged steel grill. The Loudspeaker shall be the Danley Sound Labs JH-90.