

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” midrange drivers and three coaxial high frequency drivers with 1.4” exits coupled to our patented layered high frequency combiner.

Specifications

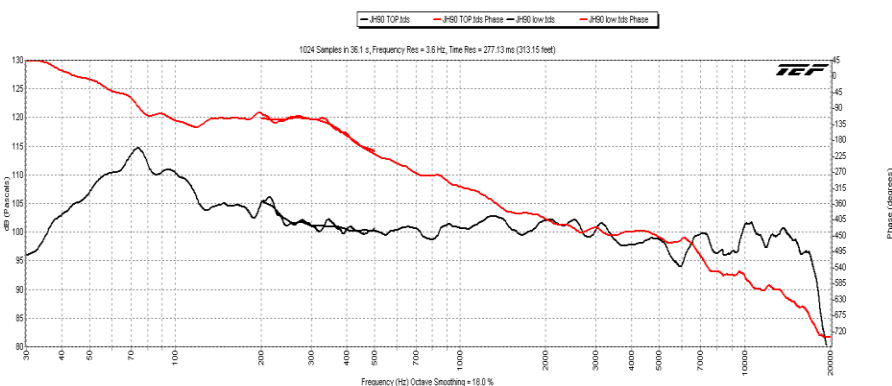
Coverage Pattern90° horizontal x 40° vertical (0° on axis, 40°down -6dB)
 Operating Frequency Range 47 Hz - 18 kHz +/- 3 dB
37Hz – 24 kHz -10 dB
 Maximum Output 148dB SPL Cont., 151 dB SPL Program
 Recommended Amplifier Power:
 LOWS: 2 x 2 ohm loads – 6000 watts continuous
 MIDS: 1 x 4 ohm load – 1200 watts continuous
 HIGH: 1 x 4 ohm load – 300 watts continuous
 Recommended Processing DSL exclusive processor
 Drivers LF 6 x 18”, MF 6 x 6”, HF 3 x 1.4”
 Input Connections NL8
 Enclosure Material 24mm Baltic Birch, polyurea coated

J1-94

The loudest
reference monitor
ever created!



JH90 low
2/28/2011 10:27:44 AM Anywhere on earth



Accessories

Power package available
 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	45 Hz – 18kHz	90° x 40°	See above	60" x 45" x 30"	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 dB SPL @ 1m. Output of 148 dB SPL/151 dB SPL Peak. Power handling shall be 17000 Watts program.

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 J1-94.