

SYNERGY HORN FULL RANGE LOUDSPEAKERS

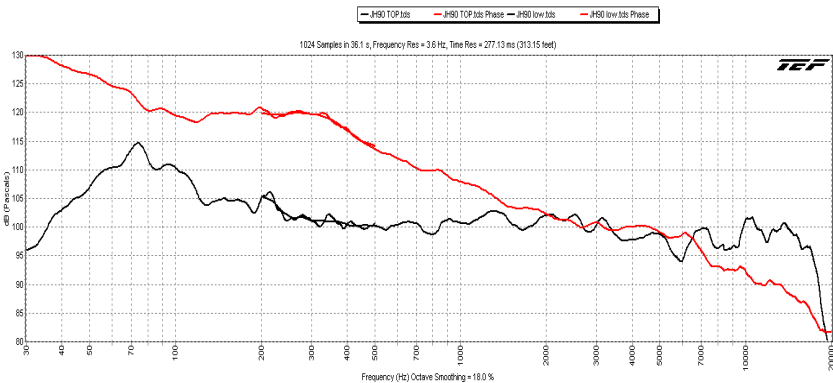
The JH-90 “Jericho Horn” is simply the most accurate powerful loudspeaker ever created. A single cabinet can produce quality audio well beyond 1000’ from a true full range point source housing; six 18” drivers, six - 6” mid range drivers and three 1.4” coaxial high frequency drivers.

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 - 18 kHz +/- 3 dB
 37Hz – 24 kHz -10 dB
 Maximum Output.....148dB SPL Cont., 151 dB SPL Program
 Recommended Amplifier Power:
 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 6.5 ohm load – 1200-2000 watts @ 4 ohms
 MID HI: Single 2.7 ohm load – 600-1200 watts @ 2 ohms
 HIGH: Single 3 ohm load – 400-600 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

JH90 low
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JH-90

The loudest reference monitor ever created!



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 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.