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 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  
HIGH: Single 3 ohm load – 600-1200 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

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**Accessories**

Power package available  
JH90-OFW Outer Fly-ware  
Cabinet dolly, Touring Cover  
Weatherized options  

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**PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Model</th>
<th>Max SPL</th>
<th>Sensitivity</th>
<th>Magnitude Response</th>
<th>Beam Width</th>
<th>Power Rating</th>
<th>Dimensions (in.)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>JH 90</td>
<td>150 dB</td>
<td>Band dependent</td>
<td>45 Hz – 18kHz</td>
<td>90° x 40°</td>
<td>See above</td>
<td>60” x 45” x 30”</td>
<td>720 lbs</td>
</tr>
</tbody>
</table>

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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.

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.