

## SYNERGY HORN FULL RANGE LOUDSPEAKERS

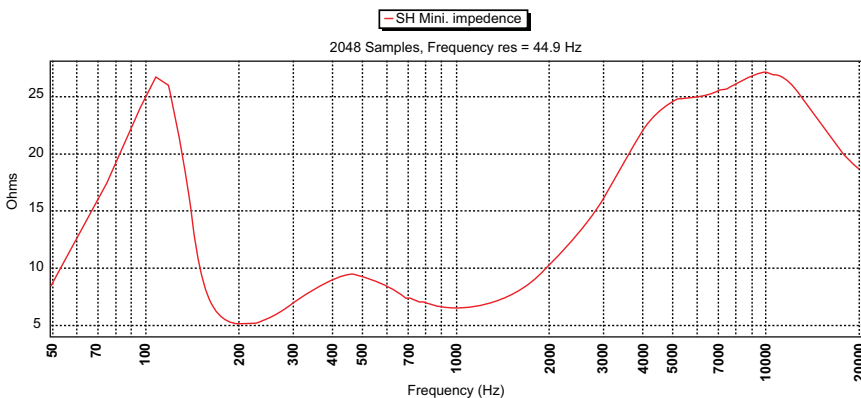
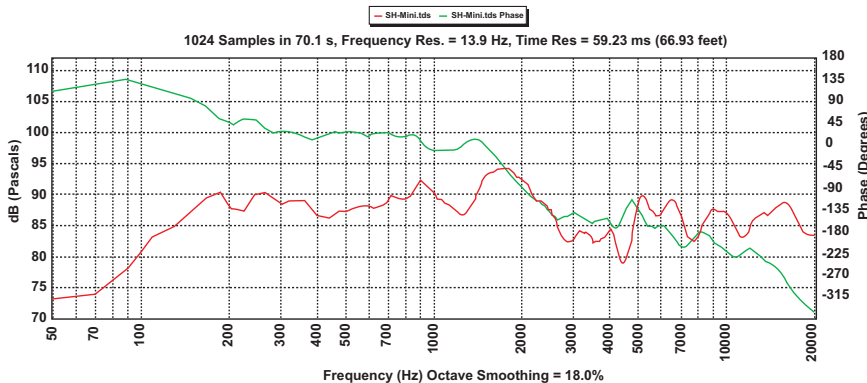
The SH-Mini is a full range compact loudspeaker designed for applications requiring wide coverage (100° conical). With its ultra compact size it also can be used as a very compact floor monitor with exceptional clarity. Integrated flypoints are standard and with the optional U bracket, flexible mounting options abound. The SH-Mini is ideal for applications such as under balcony, side, front, or down fill loudspeakers. The SH-Mini also makes an excellent loudspeaker for home theatre applications.

### Specifications

Coverage Pattern ..... 100° conical  
 Operating Frequency Range ..... 125 Hz -18 kHz +/- 3 dB  
 ..... 88 Hz – 20 kHz -10 dB  
 Sensitivity @ 1M ..... 88 dB SPL  
 ..... (Measured as 2.83V input, 1M whole space)  
 Maximum Output ..... 111 dB SPL Cont., 117 dB SPL Program  
 Input Power Ratings ..... 200 W continuous, 400 W program  
 Nominal Impedance ..... 8 ohms  
 Minimum Impedance ..... 5.2 ohms @ 206 kHz  
 Recommended Processing ..... 100 Hz HP @ 24 dB/Butterworth  
 Drivers ..... 1 x 8" coaxial  
 Input Connections ..... 2-NL4MP  
 Enclosure Material ..... 13ply, 18mm Baltic Birch, polyurea coated

# SH-MINI

Tiny Size,  
Huge Fidelity



### Applications

Houses of worship  
 Commercial theatre sound  
 Live music venues  
 Performing arts centers  
 High end home theatres

### Accessories

U-Bracket  
 Weatherized options available

### PERFORMANCE DATA

| Model   | Max SPL | Sensitivity | Magnitude Response | Beam Width   | Power Rating | Dimensions (in.) | Weight   |
|---------|---------|-------------|--------------------|--------------|--------------|------------------|----------|
| SH Mini | 117 dB  | 88 dB       | 125 Hz – 18 kHz    | 100° conical | 400 W        | 10 x 10 x 10.5   | 22.5 lbs |

### **Architect/Engineers Specs**

The loudspeaker shall utilize the Synergy Horn patent-pending enclosure covering two pass bands. The coverage pattern shall be 100° conical. The loudspeaker shall have an operating range of +/- 3 dB 125 Hz – 18 kHz. Sensitivity of 88 dBSPL @ 1m. Output of 111 dBSPL/117 dBSPL Peak. Power handling shall be 200 Watts continuous, 400 Watts program. The impedance shall be nominal 8 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 SH-Mini.