

## SYNERGY HORN FULL RANGE LOUDSPEAKERS

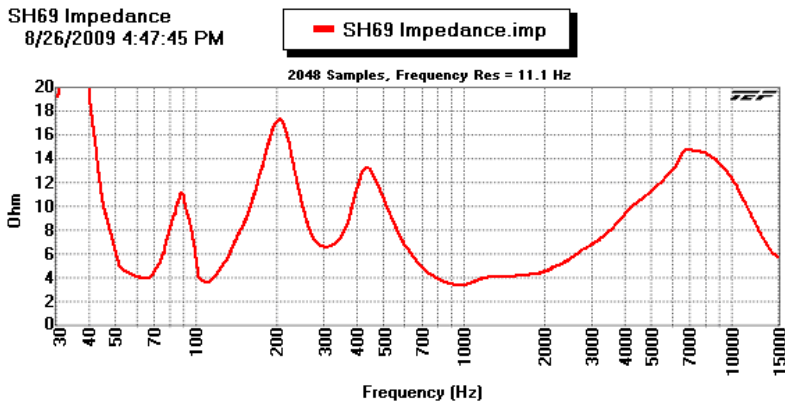
The SH-69 - A very flexible design offering seamless arrays in the 60° horizontal orientation and when rotated 90°, a 90 x 60 pattern - true full range performance in an overall compact design. A single box houses 2 - 12" woofers, 6 - 4" midrange and a 1" high frequency driver.

### Specifications

Coverage Pattern.....60° horizontal x 90° vertical  
 Operating Frequency Range.....55 Hz - 18 kHz +/- 3 dB  
 ..... 33 Hz - 24 kHz -10 dB  
 Sensitivity @ 1M ..... 99 dB SPL  
 ..... (Measured as 2.83V input, 1M whole space)  
 Maximum Output.....126 dB SPL Cont., 132 dB SPL Program  
 Input Power Ratings ..... 1000W continuous, 2000W program  
 Nominal Impedance ..... 4 ohms  
 Minimum Impedance..... 3.5 ohms  
 Recommended Processing..... 50 Hz HP @ 24 dB/Butterworth  
 Drivers ..... LF 2 x 12", MF 6 x 4" HF 1 x 1"  
 Input Connections..... 2-NL4MP  
 Enclosure Material..... 13ply, 18mm Baltic Birch, polyurea coated

# SH-69

Affordable  
One-Box Solution



### Accessories

Powered version available  
 Mounting bracket for array  
 MB 50 Fly-ware  
 Speaker Cover  
 Weatherized options available

### PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions (in.)	Weight
SH 69	132 dB	99 dB	55 Hz - 18 kHz	60° x 90°	2,000 W	34 x 21 x 17	116 lbs

### **Architect/Engineers Specs**

The loudspeaker shall utilize the Synergy Horn/Tapped Horn patent-pending enclosure covering three pass bands. The coverage pattern shall be 60° horizontal x 90° vertical. The loudspeaker shall have an operating range of +/- 3 dB 55 Hz – 18 kHz. Sensitivity of 99 dB SPL @ 1m. Output of 126 dB SPL/132 dB SPL Peak. Power handling shall be 1000 Watts continuous, 2000 Watts program. The impedance shall be nominal 4 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-69.