

## SYNERGY HORN FULL RANGE LOUDSPEAKERS

Similar to its brother (SM-60F), the SM-60M combines great fidelity, low frequency pattern control and unrivaled Magnitude/phase response into an ultra-compact enclosure. Perfect for mains with bass arrays, fills and distributed audio applications.

Same box as the SM-60F with the following differences: Only available in install version, less power requirements and no low frequency drivers.

### Specifications

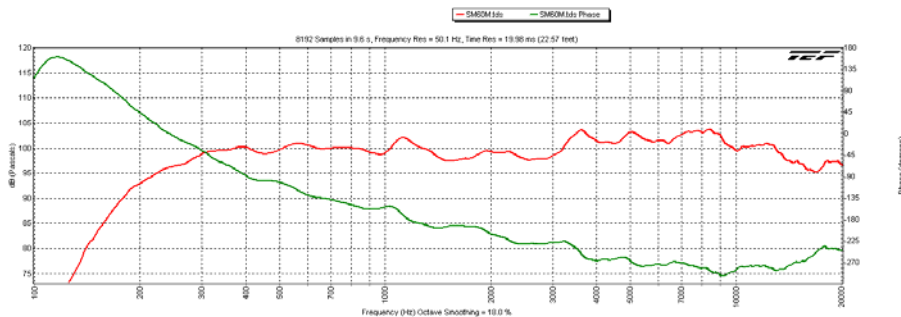
Coverage Pattern ..... 60° horizontal x 60° vertical  
 Operating Frequency Range.....270 Hz - 15 kHz +/- 3 dB  
 ..... 178 Hz – 24 kHz -10 dB  
 Sensitivity @ 1M ..... 100 dB SPL  
 .....(Measured as 2.83V input, 1M whole space)  
 Maximum Output.....124 dB SPL Cont., 130 dB SPL Program  
 Input Power Ratings..... 250W continuous, 500W program  
 Nominal Impedance .....8 ohms  
 Minimum Impedance.....5 ohms @ 11 kHz  
 Recommended Processing..... 200 Hz HP @ 24 dB/Butterworth  
 Drivers ..... 1 x 5" Coaxial  
 Input Connections ..... 2-NL4MP  
 Enclosure Material ..... 13ply, 18mm Baltic Birch, polyurea coated

# SM-60M

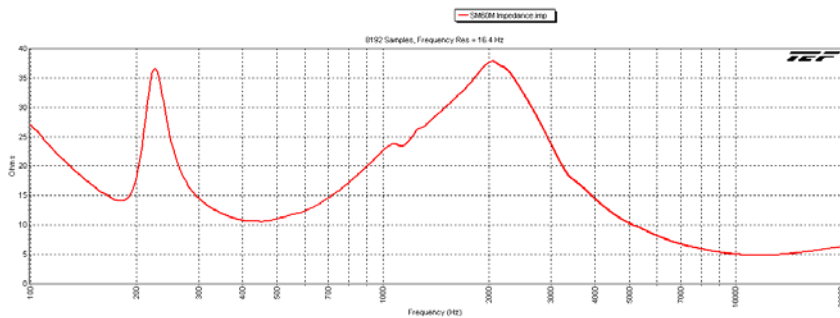
Synergy Horn  
 Performance in an  
 Ultra-Compact Box



SM60M  
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SM60M Impedance  
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### Applications

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

### Accessories

Mounting brackets 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
SM 60M	130 dB	100 dB	270 Hz – 15 kHz	60° x 60°	500 W	20.6 x 20.6 x 16.3	45 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 60° vertical. The loudspeaker shall have an operating range of +/- 3 dB 270 Hz – 15 kHz. Sensitivity of 100 dBSPL @ 1m. Output of 124 dBSPL/130 dBSPL Peak. Power handling shall be 250 Watts continuous, 500 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 SM-60M.