

SPECIFICATIONS

KEY FEATURES:

- ▶ Large format loudspeaker
- ▶ Long range clarity
- ▶ Synergy crossover network
- ▶ Sentinel™ Limiter protection circuitry
- ▶ Compact Enclosure

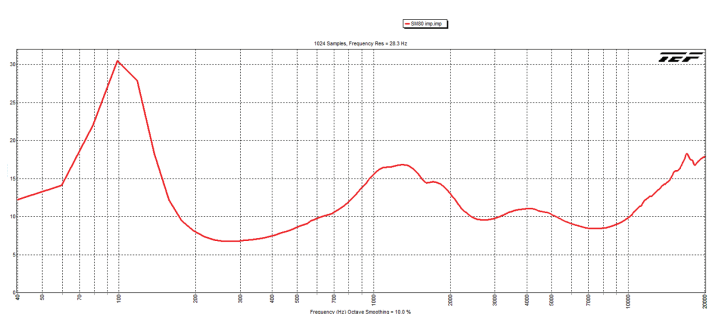
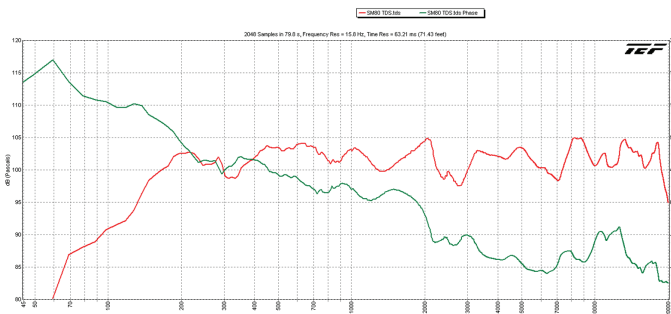
The SM80 is Danley's answer for those that are looking for high performance in an ultra-compact design. A single cabinet can produce quality audio well beyond 130dB from a compact full range Synergy Horn that weighs 65lbs. From installations to corporate A/V, the SM80 is a game changer in output per pound!

APPLICATIONS:

- ▶ Portable/Touring Sound System
- ▶ Houses of Worship
- ▶ Performing Arts Centers
- ▶ Sports Facilities
- ▶ Theme Parks
- ▶ Clubs / Restaurants
- ▶ Cruise Ships / Yachts
- ▶ Schools



Operating Frequency Range ----- 140 Hz – 19 kHz +/- 3 dB
 ----- 110 Hz – 22 kHz +/- 10 dB
 Sensitivity ----- 102 dB SPL measured at 1M @ 2.83V input
 Maximum Output ----- 128 dB SPL Cont., 134 dB SPL Program
 Recommended Amplifier Power ----- 400 Watts continuous, 1600 Watts peak
 Recommended Processing ----- 110 Hz High Pass 24 dB Butterworth
 Drivers ----- 1 x 12" LF / 1-1.4" HF Coaxial
 Input Connections ----- NL4 - Pins 1+ and 1-
 Impedance ----- 8 Ohms
 Enclosure Material ----- 18mm Baltic Birch



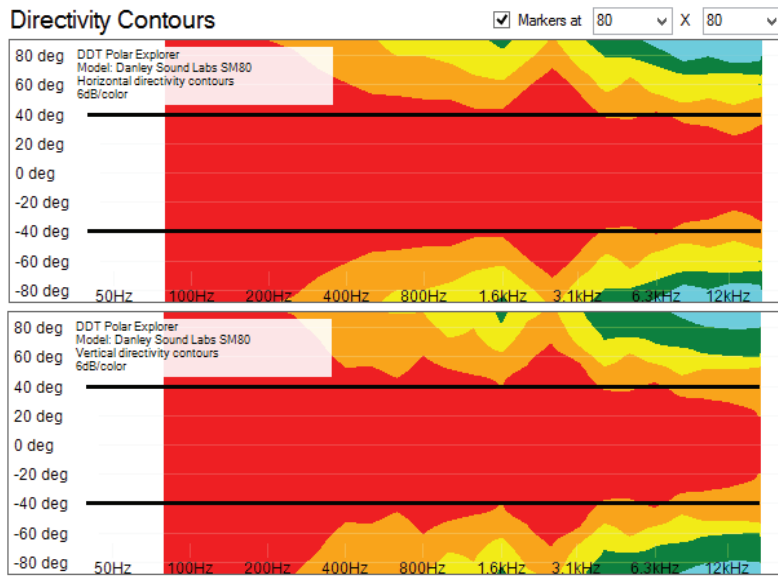
Performance Data							
Model	MAX SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions	Weight
SM80	134dB	102 dB	110 Hz - 22 kHz	80° Conical	1600 W Peak	25.5"H x 24"W x 12.75"D	65lbs



SM80 Full Range Loudspeaker

Architect/Engineers Specs

The loudspeaker shall utilize the Synergy Horn patented crossover network. The coverage pattern shall be 80° conical. The loudspeaker shall have an operating range of 110 Hz – 22 kHz. Sensitivity of 102 dB SPL @ 1m. Output of 128dB SPL/134 dB SPL Peak. Power handling shall be 400 Watts continuous 800 program. The loudspeaker shall be constructed of 18mm 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 SM80.



- Accessories
- Array Kit
- Touring Cover
- Touring (with handles) or Install (without handles)
- Weatherized options

