

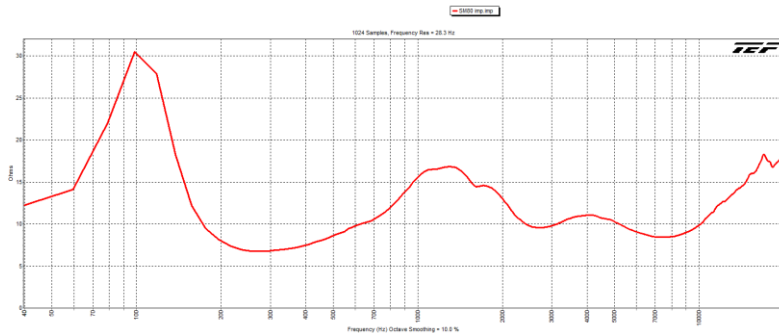
SYNERGY HORN FULL RANGE LOUDSPEAKERS

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 50lbs. From installations to corporate A/V, the SM80 is a game changer in output per pound!

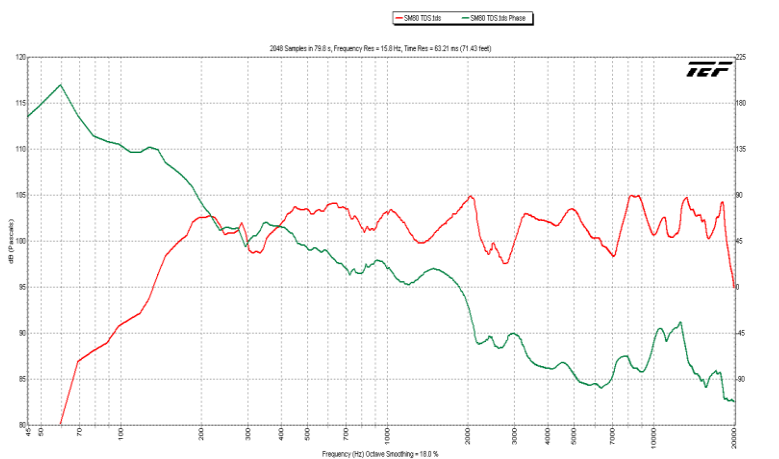
Specifications

Coverage Pattern 80° conical
 Operating Frequency Range 140 Hz - 19 kHz +/- 3 dB
 110Hz – 22 kHz -10 dB
 Maximum Output128dB SPL Cont., 134 dB SPL Peak
 Recommended Amplifier Power:.....400 watts continuous, 1600 watts peak
 Nominal Impedance.....8ohms
 Sensitivity @ 1M102dB SPL
 (Measured as 2.83V input, 1M whole space)
 Recommended Processing110Hz High Pass Drivers.....1-12"/1-1.4" HF coaxial
 Input Connections.....NL4
 Enclosure Material 18mm Baltic Birch, polyurea coated

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SM80

Huge output in an ultra-compact, pole mount design.



Accessories

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

PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions (in.)	Weight
SM80	134 dB	102dB	115 Hz – 19kHz	80° Conical	1600 watts	25.5"H x 24"W x 12.75"D	50lbs

Architect/Engineers Specs

The loudspeaker shall utilize the Synergy Horn patent-pending enclosure. The coverage pattern shall be 80° conical. The loudspeaker shall have an operating range of +/- 3 dB 115 Hz – 19 kHz. Sensitivity of 102 dBSPL @ 1m. Output of 128dBSPL/134 dBSPL Peak. Power handling shall be 400 Watts continuous 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.