

SPECIFICATIONS

KEY FEATURES:

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

The SM80F performs like no other loudspeaker its size. Combining synergy and tapped horn technology in one relatively small package, this loudspeaker hardly needs subwoofers to boast impressive low end while providing clean and clear audio across the rest of the frequency spectrum.

APPLICATIONS:

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



Operating Frequency Range ----- 45 Hz – 17 kHz +/- 3 dB
 ----- 39 Hz – 23 kHz -10 dB

Sensitivity ----- 102 dB SPL System, 102 dB SPL Mid/High, 106 dB SPL Low measured in wholespace at 1M @ 2.83V input

Maximum Output ----- Full Range 128 dB SPL Cont., 134 dB SPL Peak
 ----- Low 135 dB SPL Cont., 141 dB SPL Peak

Recommended Amplifier Power ----- Low 3400 Watts Cont., 13,600 Watts Peak
 ----- Mid/High 400 Watts Cont., 1600 Watts Peak

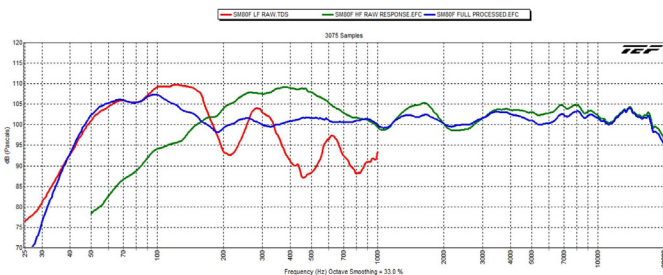
Drivers ----- 2 x 15" Woofers---1 x 12" Mid+1-1.4" High Coaxial

Input Connections ----- 2x NL4--Low on pins 1 - Mid/High on pins 2

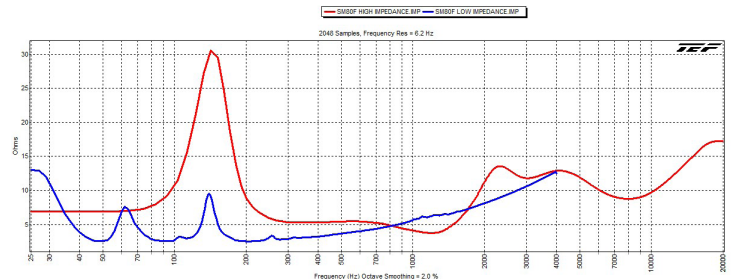
Impedance ----- Mid/High 8 Ohms / Low 2 Ohms

Enclosure Material ----- 18mm Baltic Birch

SM80F full processed
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SM80F Low Impedance
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Performance Data

Model	MAX SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions	Weight
SM80F	135dB	102/106 dB	39 Hz - 23 kHz	80° Conical	800W/6800W	45"H x 26"W x 28"D	215lbs