



Model TH-28

SPECIFICATIONS OF THE TH-28

Loudspeaker Type:

Tapped horn mini-subwoofer

*Operating Freq range:*43Hz – 162Hz -3dB
38Hz – 180Hz -10dB*Sensitivity at 1W/1M:*(measured as 28.3V input ½ space @10M distance)
98 dBSPL @ 47Hz*Maximum output:*

124 dBSPL/127 dBSPL Peak

Input power ratings:

400W continuous, 800W Program

Recommended Amp Power:

400W - 800W @ 8 ohms

Nominal Impedance: 8 ohms*Minimum impedance:* 8.2 Ohms @ 45Hz*Recommended signal processing:*

45Hz highpass @ 24 dB/Octave

Drivers : LF 2 x 8" long excursion*Input connections:* 2 - NL4MP*Enclosure type:* Baltic birch*Dimensions:*Height: 20.5 in / 521 mm
Width 30.5 in / 775 mm
Depth 11 in / 279.5 mm*Weight:* 73.5 lbs / 33.34 kg

APPLICATIONS

- Houses of Worship
- Arenas
- Stadiums
- Live Music Venues
- Discos
- Performing Arts Centers

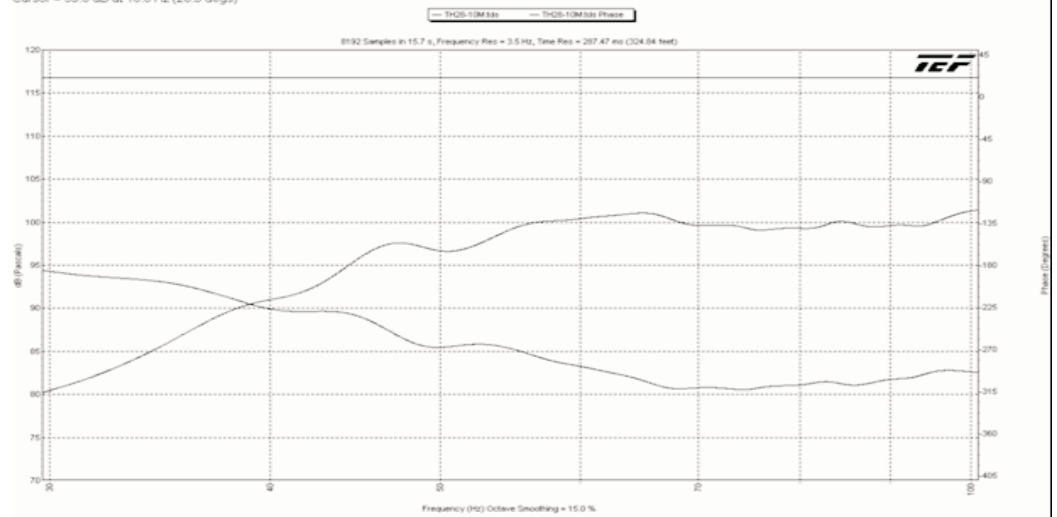
FEATURES

The Danley Sound Labs TH-28 is a high output subwoofer system utilizing Tom Danley's newest sub design. The TH-28 is one of the most powerful subwoofers in existence especially considering it's extremely compact size.

Low frequency pattern control extending well below 100Hz is achieved by adding a second subwoofer. Unlike many designs on the market today the TH-28 achieves this control without compromising output or additional signal processing expense.

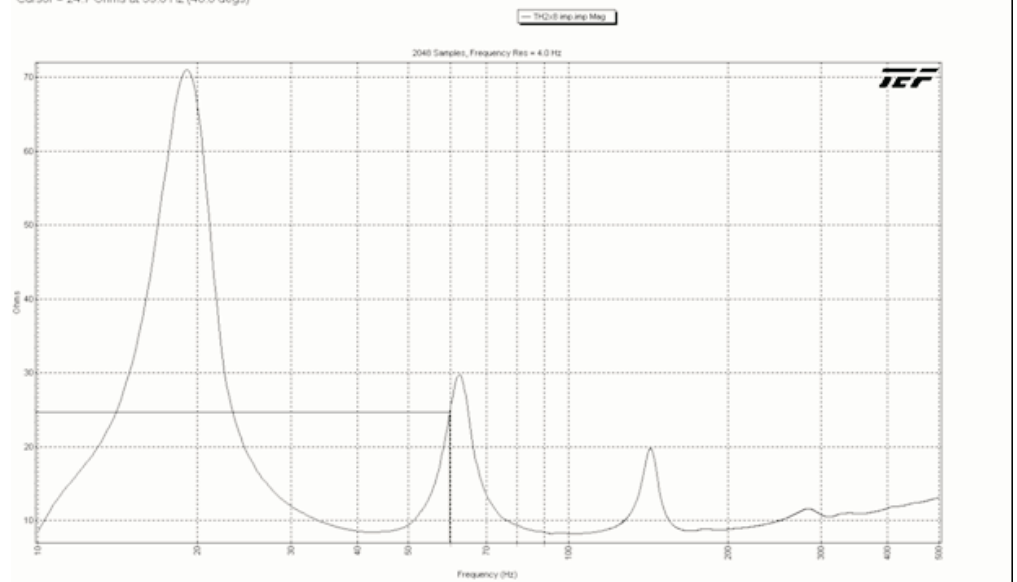
FREQUENCY RESPONSE

TH28-10M
8/11/2005 2:57:26 PM outdoors
100watts@10M 1/2 space outside
Cursor = 53.8 dB at 10.0 Hz (20.3 degs)



IMPEDANCE

TH2x8
Anywhere on earth 3/4/2005 11:26:52 AM
Cursor = 24.7 Ohms at 59.8 Hz (48.6 degs)



Architect/Engineers' Specs

The subwoofer loudspeaker shall utilize two 8" long excursion transducers in a patent-applied enclosure. The subwoofer shall have an operating range of +/- 3 dB 43Hz – 162Hz with a sensitivity of 98 dB SPL @ 47Hz and a maximum continuous output of 124 dB SPL/127 dB SPL Peak 129.5 @ 135Hz max output. Peak Power handling shall be 400W continuous, 800W Program.

The loudspeaker shall be constructed of 13 ply birch properly braced for the intended use and a rugged steel grill. The connectors shall be Neutrik NL4. The subwoofer loudspeaker shall be the Danley Sound Labs TH-28.