



Model TH-112

SPECIFICATIONS OF THE TH-112

Loudspeaker Type:

Tapped horn subwoofer - install version

*Operating Freq range:*28Hz – 208Hz -3dB
25Hz – 260Hz -10dB*Sensitivity at 1W/1M:*

(measured as 28.3V input ½ space @10M distance)

101 dBSPL @ 38 Hz
107.5 dBSPL @ 84 Hz max*Maximum output:*127 dBSPL/130 dBSPL Peak @ 38Hz
133 dBSPL/136 dBSPL Peak @ 84Hz*Input power ratings:*

400W continuous, 800W Program

Recommended Amp Power:

400W - 800W @ 8 ohms

Nominal Impedance: 8 ohms*Minimum impedance:* 5.3 Ohms @ 53Hz*Recommended signal processing:*

25 Hz highpass @ 24 dB/Octave

Drivers : LF 1 x 12" high excursion woofer*Input connections:* 2 - NL4MP*Enclosure type:* 13 ply 18mm Baltic birch*Dimensions:*Height: 38 in / 965 mm
Width 18 in / 457 mm
Depth 30 in / 762 mm*Weight:* 134 lbs / 61 kg

APPLICATIONS

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

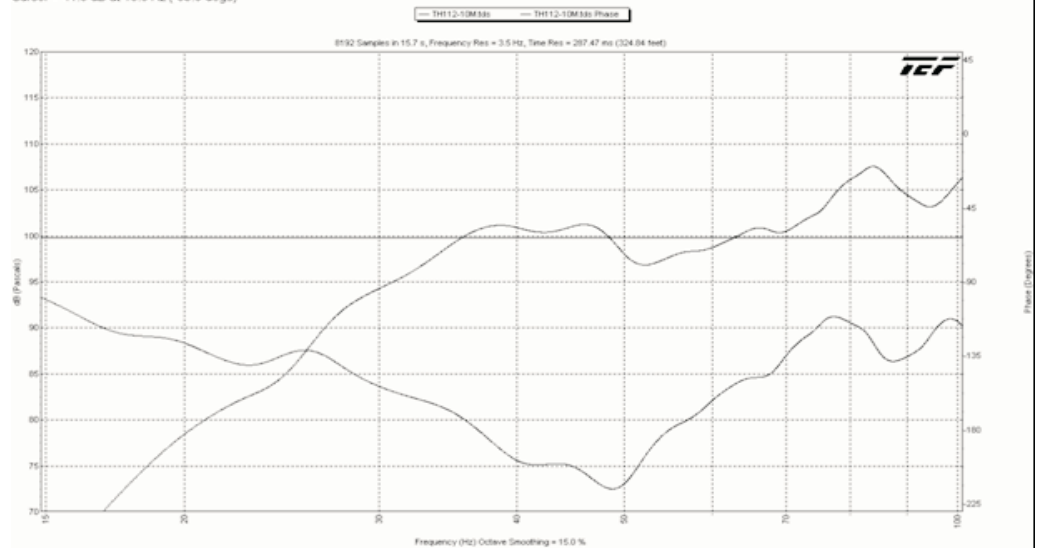
FEATURES

The Danley Sound Labs TH-112 is a high output subwoofer system utilizing Tom Danley's newest sub design. The TH-112 is one of the most powerful subwoofers in existence; especially considering it's 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-112 achieves this control without compromising output or additional signal processing expense.

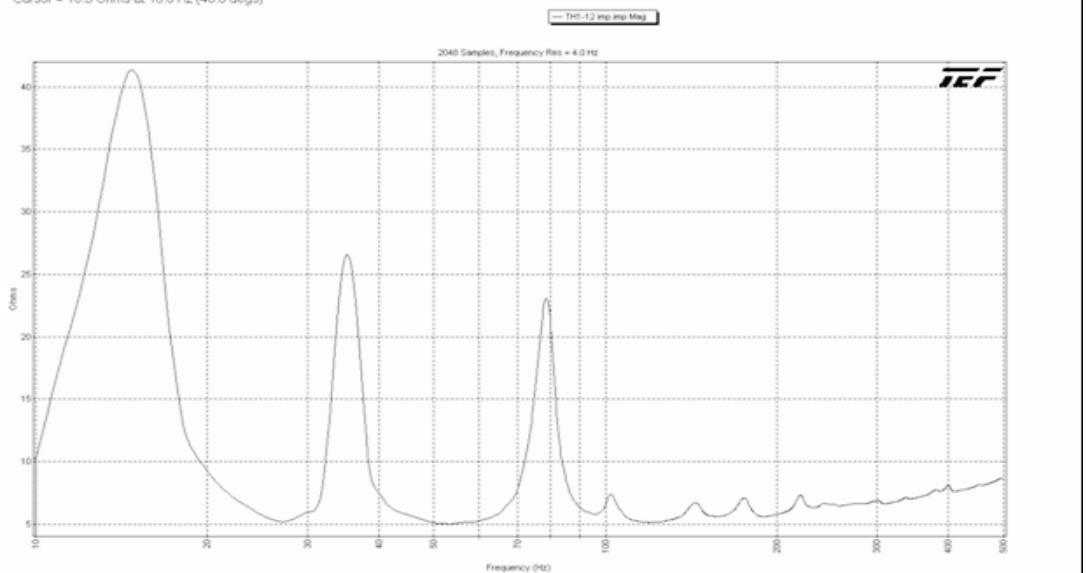
FREQUENCY RESPONSE

TH112-10M
 S/F 1/2/2005 2:37:57 PM outdoors
 100mwatts@110M 1/2 space outside
 Cursor = -41.0 dB at 10.0 Hz (-63.0 degs)



IMPEDANCE

TH1x12
 Anywhere on earth 3/4/2005 11:00:43 AM
 1 Vrms 1mtr
 Cursor = 10.3 Ohms at 10.0 Hz (48.6 degs)



Architect/Engineers' Specs

The subwoofer loudspeaker shall utilize one 12" long excursion transducer in a patent-applied enclosure. The subwoofer shall have an operating range of +/- 3 dB 38Hz – 208Hz with a sensitivity of 101 dB SPL @ 38Hz, 107.5 dB SPL @ 84 Hz max and a maximum continuous output of 125 dB SPL/128 dB SPL 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-112.