

TAPPED HORN – COMMERCIAL PRO SUBWOOFERS

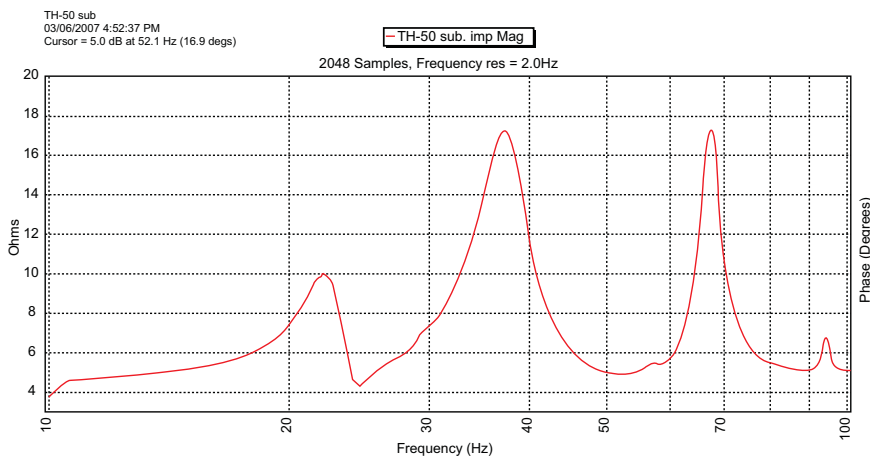
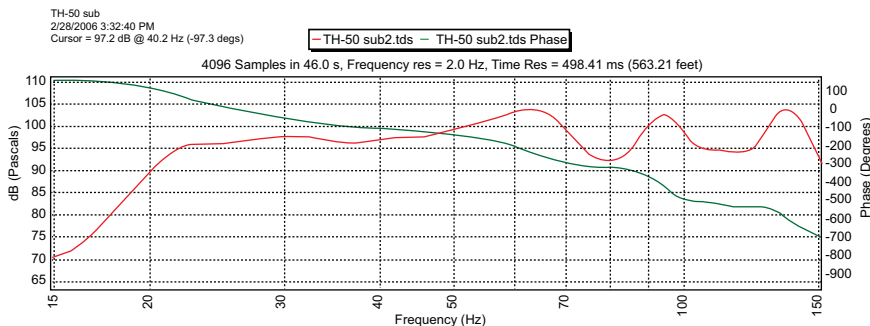
The TH-50 is a perfect choice for the customer who wants high efficiency and solid 20 Hz performance. Unrivalled efficiency and high sensitivity of 97dB @ 23 Hz coupled with power handling of 2,000 watts are just a few of the reasons the TH-50 is the subwoofer of choice for many applications.

Specifications

Operating Frequency Range.....21Hz -70 Hz - 3 dB
 18Hz – 200Hz -10dB
 Sensitivity @ 1M 97 dBSPL
 104 dBSPL @ 63 Hz
 (Referenced to 2.83V @1M ½ space, measured as 28.3V @ 10M
 Maximum Output 127 dBSPL/133 dBSPL Peak
 134 dBSPL/137 dBSPL Peak @ 63 Hz
 Input Power Ratings 1000 W continuous, 2000 W program
 Nominal Impedance8 ohms
 Minimum Impedance..... 5 ohms @ 25 Hz
 Recommended Processing..... 15 Hz HP @ 24 dB/Butterworth
 Drivers LF 1 x 15" Long excursion
 Input Connections..... 2-NL4MP
 Enclosure Material..... 13ply, 18mm Baltic Birch, polyurea coated

TH-50

Solid 20 Hz
Performance



Accessories

Powered version available
Weatherized options available

PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Power Rating	Dimensions (in.)	Weight
TH 50	133 dB	97 dB	21 Hz – 70 Hz	2,000 W	45 x 34 x 25	240 lbs

Architect/Engineers Specs

The subwoofer loudspeaker shall utilize a single 15" long excursion transducer in a Tapped Horn (patent-pending) enclosure. The subwoofer shall have an operating range of - 3dB 21 Hz – 70 Hz with a sensitivity of 97 dBSPL, 104 dBSPL @ 63 Hz. 127 dBSPL/133 dBSPL Peak. Power handling shall be 1000 W continuous, 2000 W Program. The impedance shall be nominal 8 ohms.

The loudspeaker shall be constructed of 13 ply Baltic birch, water resistant Polyurea coated, properly braced for the intended use. The connectors shall be Neutrik NL4. The subwoofer loudspeaker shall be the Danley Sound Labs TH-50.