

## TAPPED HORN / CINEMA-HOME THEATRE SUBWOOFERS

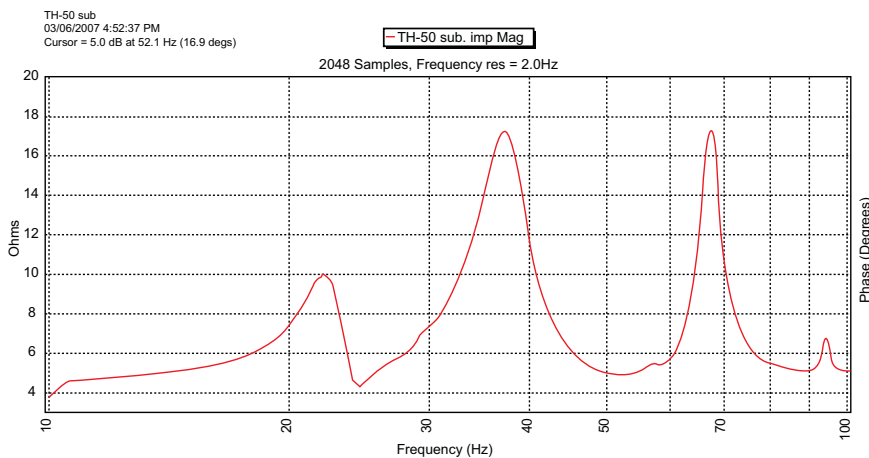
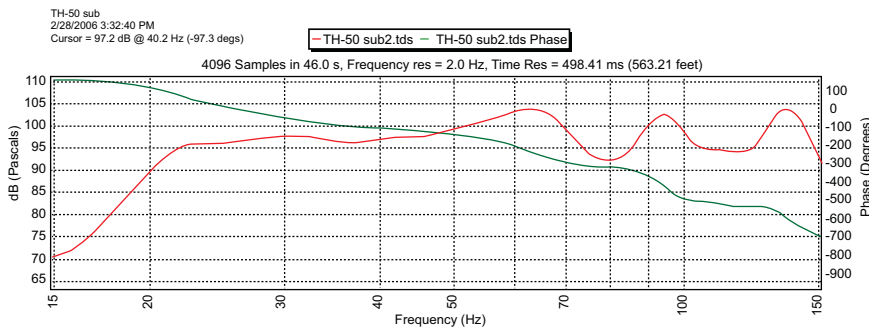
The TH-50 is a perfect choice for the customer who wants high efficiency and solid 20 Hz performance. Unrivalled efficiency and high sensitivity of 97dB @ 23 Hz coupled with power handling of 2,000 watts are just a few of the reasons the TH-50 is the subwoofer of choice for many applications.

### 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 Impedance .....8 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



### Applications

Houses of worship  
 Commercial theatre sound  
 Live music venues  
 Discos  
 High end home theatres

### 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.