



Right from the Start  
TH-50

## SPECIFICATIONS OF THE TH-50

### Loudspeaker Type:

Tapped horn subwoofer

### Operating Freq range:

22Hz – 70Hz +/-3dB

### Sensitivity at 1W/1M:

(measured as 20V input ½ space @10M distance)

96 dBSPL @ 22Hz

104 dBSPL @ 63Hz

### Maximum output:

124 dBSPL/127 dBSPL Peak @ 22Hz

132 dBSPL/135 dBSPL Peak @ 63Hz

### Input power ratings:

1000W continuous, 2000W Program

### Recommended Amp Power:

Contingent on target SPL

Nominal Impedance: 8 ohms

Minimum impedance: 5 Ohms @ 25Hz

### Recommended signal processing:

15 Hz highpass @ 24 dB/Octave

Drivers : LF 1 x15" long excursion

Crossover: Low pass 70Hz

Input connections: 2 - NL4MP

Enclosure type: 13 ply 18mm Baltic birch

### Dimensions:

Height: 45 in / 1143 mm

Width: 34 in / 863.6 mm

Depth: 25.5 in / 647.7 mm

Weight: 240 lbs / 108.9 kg



## APPLICATIONS

- Houses of Worship
- Live Music Venues
- Discos
- Performing Arts Centers
- Commercial Theatre Surround
- Home Theater

## FEATURES

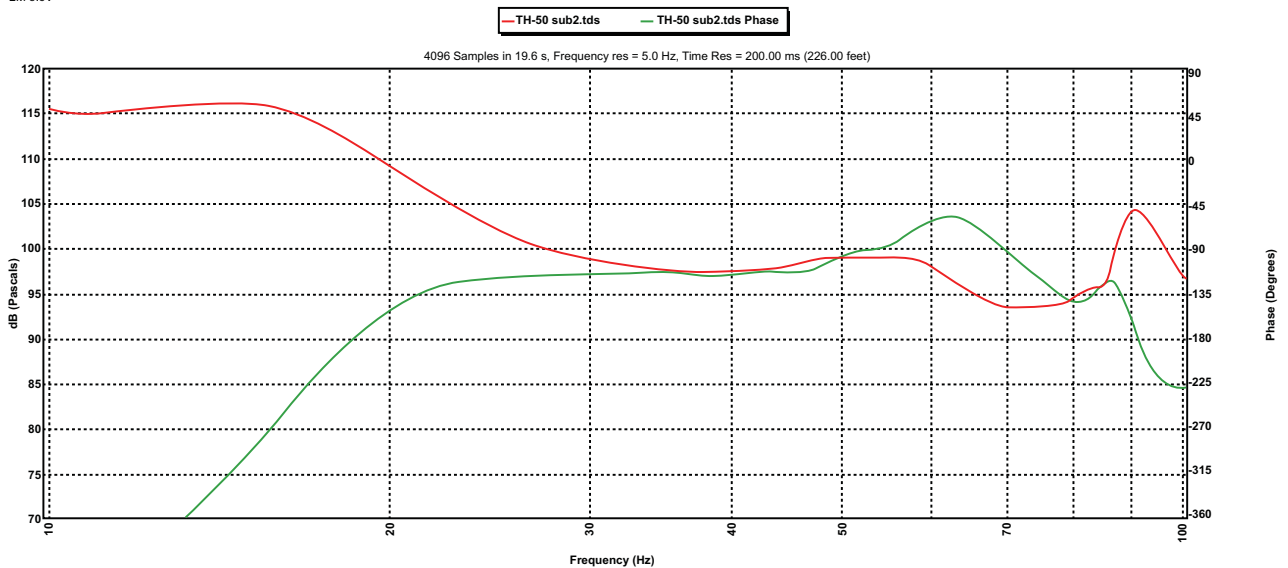
The Danley Sound Labs TH-50 is a high output subwoofer system with unrivaled efficiency.

If you are looking for high sensitivity subwoofer with solid frequency response well into the low 20 Hz region, then the TH-50 is the perfect solution.

*Product Specifications*

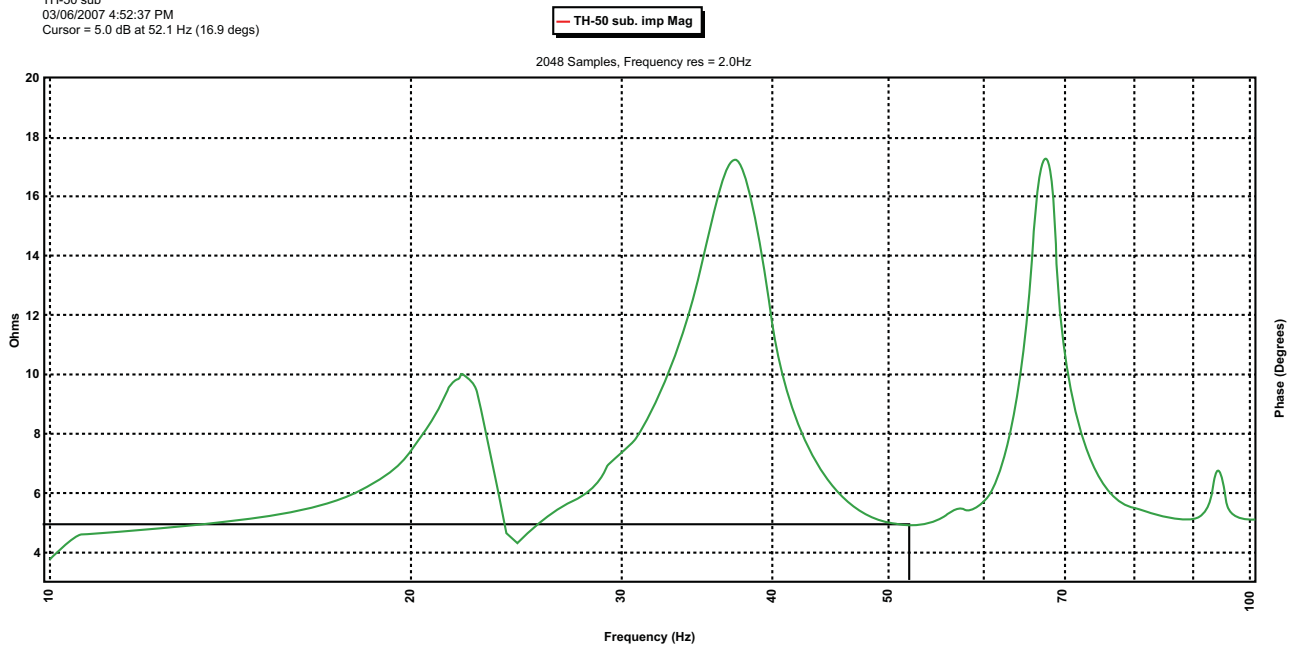
## FREQUENCY RESPONSE

TH-50 sub  
11/20/2006 3:46:46 PM outside  
2M 5.6V



## IMPEDANCE

TH-50 sub  
03/06/2007 4:52:37 PM  
Cursor = 5.0 dB at 52.1 Hz (16.9 degs)



## 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 +/- 3 dB 22 Hz – 70Hz with a sensitivity of 96 dBSPL @ 22 Hz 104 dB SPL @ 63 Hz. 132dBSPL/135 dBSPL Peak. Power handling shall be 1000 W continuous, 2000W Program.

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