



OUTSIDE THE BOX

Model DTS-20

SPECIFICATIONS OF THE DTS-20

Loudspeaker Type:

Tapped horn subwoofer

Operating Freq range:

18Hz – 150Hz -3dB
15Hz -10dB

Sensitivity at 1W/1M:

(measured as 28.3V input ½ space @10M distance)
95 dBSPL (-1dB 20Hz - 70Hz)

Maximum output:

122 dBSPL/125 dBSPL Peak

Input power ratings:

500W continuous, 1000W Program

Recommended Amp Power:

500W - 1000W @ 8 ohms

Nominal Impedance: 8 ohms

Minimum impedance: 5.4 Ohms @ 40Hz

Recommended signal processing:

10Hz highpass @ 24 dB/Octave

Drivers : LF 1 x 12" long excursion

Input connections: 2 - NL4MP

Enclosure type: Baltic birch

Dimensions:

Height: 88 in / 2235 mm
Width 18 in / 457 mm
Depth 20 in / 508 mm

Weight: 206 lbs / 93 kg



APPLICATIONS

- Houses of Worship
- High End Home Theatre
- Cinema
- Military
- Live Music Venues
- Discos
- Performing Arts Centers

FEATURES

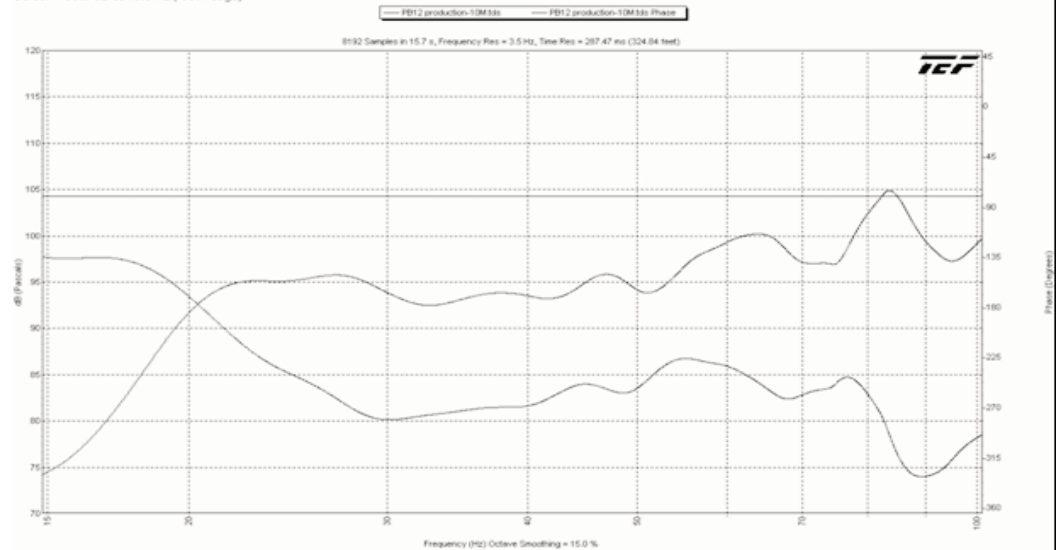
The Danley Sound Labs DTS-20 is a high output/extreme low frequency response subwoofer system.

The DTS-20 can legitimately lay claim to being the most powerful sub-subwoofer in existence with close 10 dB more output at 20 Hz than Tom's former Contra Bass design. This stunning performance is achieved without the use of servo motors making the DTS-20 more cost effective as well as more musical.

Product Specifications

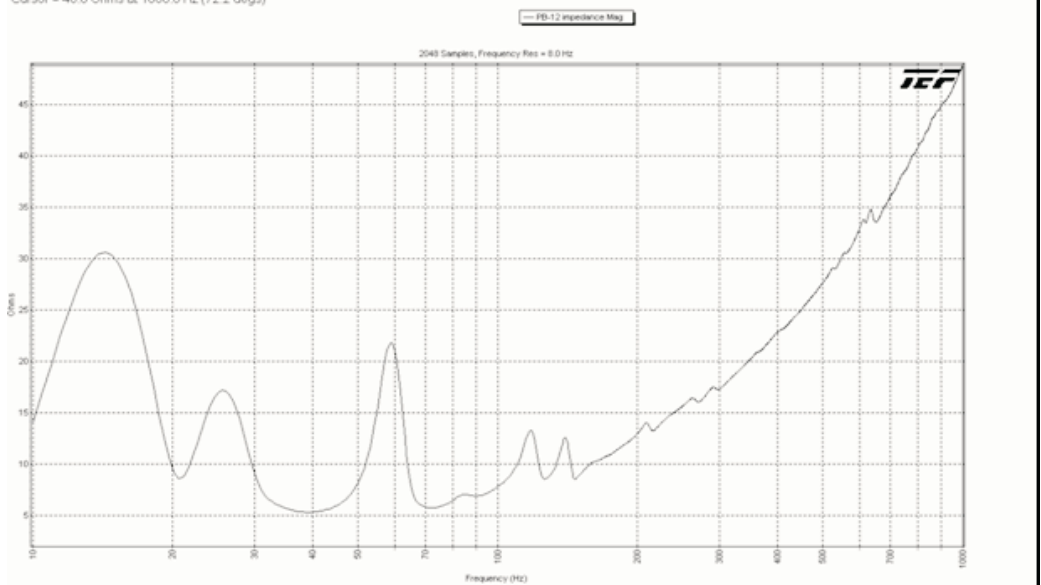
FREQUENCY RESPONSE

PB12 production-10M
8/11/2005 1:18:06 PM outdoors
100watts@10M 1/2 space outside
Cursor = 56.5 dB at 10.0 Hz (-80.1 degs)



IMPEDANCE

PB-12 Impedance
Gainesville GA 4/18/2005 3:39:27 PM
Cursor = 48.8 Ohms at 1000.0 Hz (72.2 degs)



Architect/Engineers' Specs

The subwoofer loudspeaker shall utilize a single 12" long excursion transducer in a patent applied enclosure. The subwoofer shall have an operating range of +/- 3 dB 16Hz-100 Hz with a sensitivity of 95 dB SPL @ 20 Hz 1W/1M and a maximum continuous output of 121 dB SPL and 124 dB SPL peaks. Power handling shall be 500 Watts continuous, 1000 Watts 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 DTS-20.