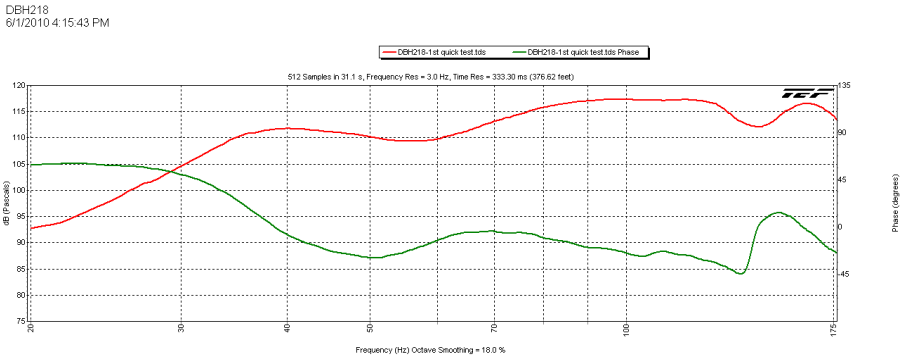
DBH-218

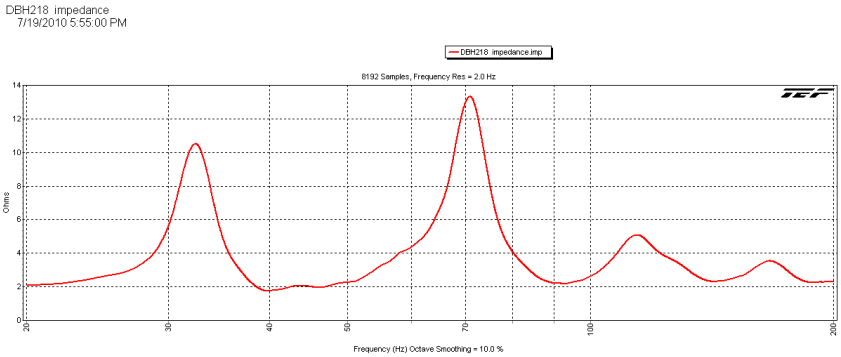
The "Thumper"

The DBH-218, also known as "the Thumper" is Tom Danley's take on a more traditional bass horn enclosure. Unlike the Tapped Horn, the DBH-218's low frequency response is extended when using multiples. Also using a pair of 18" drivers meets rider compliance issues while still yielding vastly better performance over competitive designs.

Specifications

Operating Frequency Range .....34 Hz - 300 Hz - 3 dB
..... 28 Hz – 400 Hz -10dB
Sensitivity @ 1M.....112 dBSPL
.....117 dBSPL @ 100 Hz
.....(Referenced to 2.83V @1M ½ space, measured as 28.3V @ 10M)
Maximum Output .... 141 dBSPL/147 dBSPL Peak
.....147 dBSPL/153 Dbspl Peak @ 100 Hz
Input Power Ratings.....3,600 W continuous, 14,400W Peak
Nominal Impedance ..... Single 2 ohm or 2 x 4 ohm switch selectable
Minimum Impedance.....1.8 ohm @ 40 Hz
Recommended Processing ..... 25 Hz HP @ 24 dB/Butterworth
Drivers.....LF 2 x 18" Long excursion
Input Connections 2-NL4MP
Enclosure Material .....13ply, 18mm Baltic Birch, polyurea coated





Accessories

Self-powered model
Cabinet Dolly
Weatherized options available

PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Power Rating	Dimensions (in.)	Weight
DBH 218	147 dB	112 dB	34 Hz – 300 Hz	7,200 W	45 x 45 x 22.5	277 lbs

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Architect/Engineers Specs

The subwoofer loudspeaker shall utilize two 18" long excursion transducers in a bass horn enclosure. The subwoofer shall have an operating range of - 3 dB 34 Hz – 300 Hz with sensitivity of 112 dBSPL, 117 dBSPL @ 100 Hz. Maximum output 141/147 dBSPL Peak, 147/153 dBSPL @ 100 Hz.
Power handling shall be 3,600 W continuous, 7,200 W Program. The impedance shall be nominal single 2 ohm or 2 x 4 ohm switch selectable.

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 DBH-218.

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