

## TAPPED HORN COMMERCIAL PRO SUBWOOFERS

The TH-412 is the only choice for the tour/event/staging customer who wants high efficiency and sub 30Hz performance. There isn't another sub on the market that offers this combination of compact size, extreme sensitivity, high power handling, and low frequency extension.

### Specifications

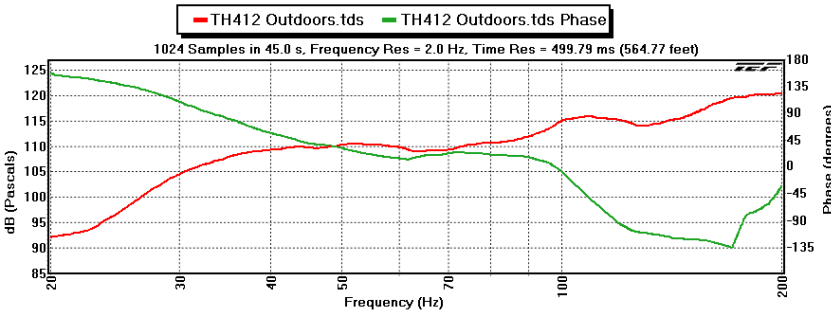
Operating Frequency Range..... 33 Hz - 200 Hz - 3 dB  
 .....27 Hz – 200 Hz -10dB  
 Sensitivity @ 1M ..... 110 dB SPL  
 ..... 120 dB SPL @ 200 Hz  
 ..... (Referenced to 2.83V @1M ½ space, measured as 28.3V @ 10M)  
 Maximum Output ..... 140 dB SPL/146 dB SPL Peak  
 ..... 150 dB SPL/156 dB SPL Peak @ 200 Hz  
 Input Power Ratings ..... 4000 W continuous, 8000 W program  
 Nominal Impedance ..... Single 2 ohm or 2 x 4 ohm switch selectable  
 Minimum Impedance ..... 1.6 ohms @ 63 Hz  
 Recommended Processing..... 25 Hz HP @ 24 dB/Butterworth  
 Drivers ..... LF 4 x 12" Long excursion  
 Input Connections..... 2-NL4MP  
 Enclosure Material..... 13ply, 18mm Baltic Birch, polyurea coated

# TH-412

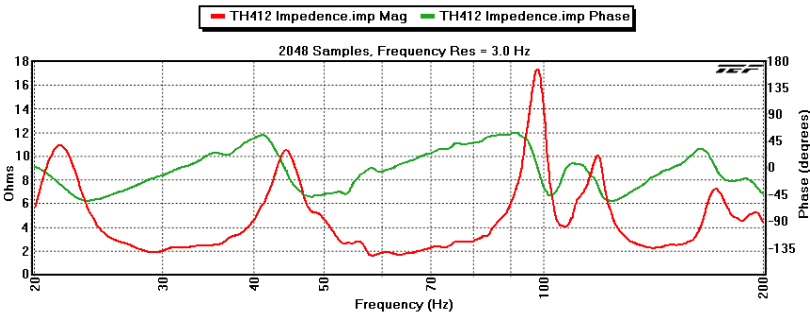
Both kinds of bass –  
 low and loud!



TH412 Outdoors  
 5/12/2009 10:34:01 AM Outside



TH412 Impedance  
 Outside 5/12/09 11:15:13 AM



### Accessories

- Self-powered model
- Cabinet Dolly
- Weatherized options available

### PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Power Rating	Dimensions (in.)	Weight
TH 412	146 dB	110 dB	33 Hz – 200 Hz	8,000 W	26.5 x 45 x 45	357 lbs

### **Architect/Engineers Specs**

The subwoofer loudspeaker shall utilize four 12" long excursion transducers in a tapped-horn (patent-pending) enclosure. The subwoofer shall have an operating range of - 3 dB 33 Hz – 200 Hz with sensitivity of 110 dB SPL, 120 dB SPL @ 200 Hz. Maximum output 140/146 dB Peak, 150 dB SPL/156 dB SPL Peak @ 200 Hz. Power handling shall be 4000 W continuous, 8000 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 TH-412.