

## BASS HORN COMMERCIAL PRO SUBWOOFERS

The BC415 is another unique subwoofer alignment from Danley Sound Labs. Using four 15" woofers combining into a single exit provides the most punch and extension out of a single cabinet that Danley currently offers. Due to the physical size of the BC design's center exit the boundary exhibits forward directivity which can be increased when used in stacking multiple enclosures.

### Specifications

Operating Frequency Range.....33-200Hz -3dB  
 .....28Hz->200Hz -10dB

Sensitivity @ 1M..... 114 dBSPL  
 ..... 119 dBSPL @ 87 Hz  
 .....(Referenced to 2.83V @1M ½ space, measured as 28.3V @ 10M)

Maximum Output ..... 143 dBSPL/149 dBSPL Peak  
 ..... 148 dBSPL/154 dB SPL Peak @ 87 Hz

Input Power Ratings.....6.800 W continuous, 27,000W Peak

Nominal Impedance ..... 4x4 ohm or 2 x 2 ohm switch selectable  
 (Also available in 4x8 ohm / 2 x 4 ohm switch selectable version)

Minimum Impedance.....2 ohm/ 4 ohm @ 51 Hz

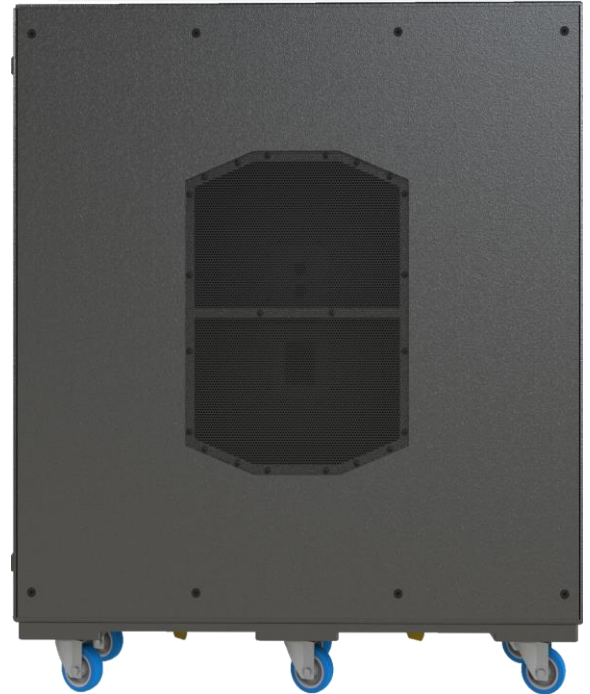
Recommended Processing ..... 35 Hz HP @ 24 dB/Butterworth Drivers.....LF 4 x 15" Long excursion

Input Connection ..... 1-NL4MP (2x2 Ohm) 1-NL8MP (4x4 Ohm)

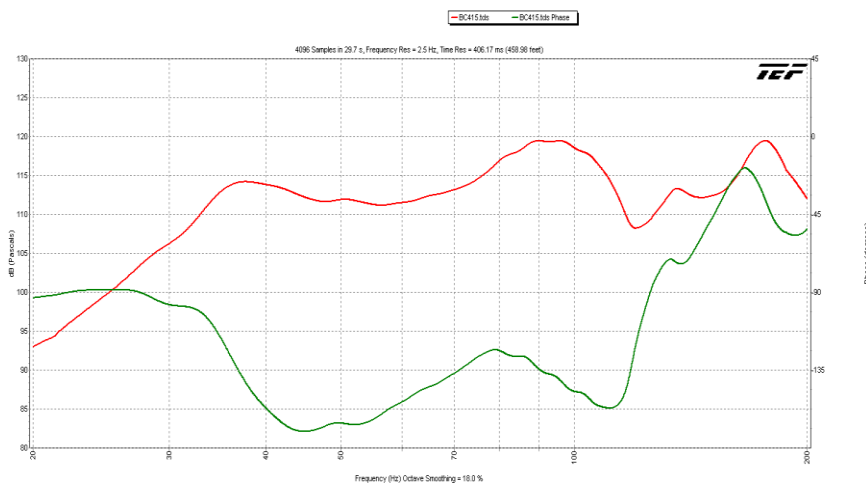
Enclosure Material ..... 13ply, 18mm Baltic Birch, polyurea coated

# BC415

"The Velvet Sledge"



BC415  
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### Accessories

Self-powered model  
 Cabinet Dolly  
 Weatherized options available

### PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Power Rating	Dimensions (in.)	Weight
BC 415	148 dB	114 dB	33 Hz – 200 Hz	27,000 W	60 x 60 x 26	500 lbs

### **Architect/Engineers Specs**

The subwoofer loudspeaker shall utilize four 15" long excursion transducers in a unique bass horn enclosure. The subwoofer shall have an operating range of -3 dB 33 Hz – 200 Hz with sensitivity of 114 dB SPL, 119 dB SPL @ 87 Hz. Maximum output 143/149 dB SPL Peak, 148/154 dB SPL @ 87 Hz.

Power handling shall be 6,800 W continuous, 27,000 W Peak. The impedance shall be nominal dual 2 ohm or 4 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 a single Neutrik NL4 or NL8. The subwoofer loudspeaker shall be the Danley Sound Labs BC-415.