

BASS HORN COMMERCIAL PRO SUBWOOFERS

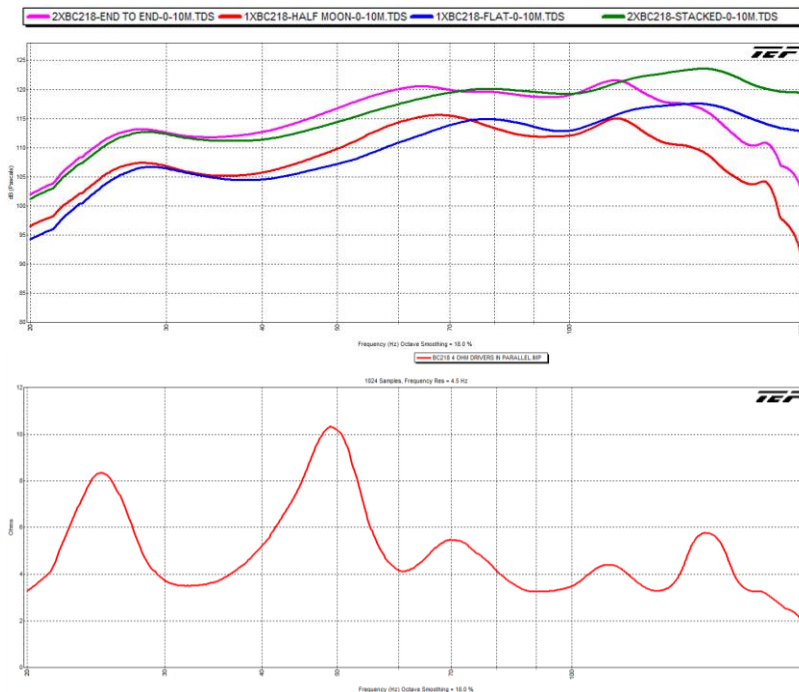
The BC 218 is the newest member of the BC family of subwoofers from Danley Sound Labs. The BC218 utilizes 2 powerful 18" drivers in a pair of horns which share a single exit. The BC or Boundary Coupled subwoofer is a new class of subwoofer, delivering not only high efficiency and power handling but actual directivity. The BC family of subwoofers will stand up to the most demanding of applications. With lots of low end, a low box count and few amp channels, the Danley Sound Labs BC is the box of choice.

BC218

The new standard in subs.

Specifications

Operating Frequency Range26Hz-150Hz -3dB
22Hz-185Hz -10dB
 Sensitivity @ 1M..... 110 dB SPL
 116 dB SPL @ 68 Hz
(Referenced to 2.83V @ 1M ½ space, measured as 28.3V @ 10M)
 Maximum Output..... 142 dB SPL/148 dB SPL Peak
 148 dB SPL/154 dB SPL Peak @ 68 Hz
 Input Power Ratings..... 3,400W continuous, 13,600W Peak
 Nominal Impedance 2x8 ohm
 Minimum Impedance..... 2x6 ohm @ 90 Hz
 Recommended Processing 20 Hz HP @ 24 dB/Butterworth
 Drivers.....LF 2 x 18" Long excursion
 Input Connection2-NL4MP - LF 1 pin 1, LF 2 pin 2
 Enclosure Material 13ply, 18mm Baltic Birch, polyurea coated



Accessories

Cabinet Dolly
 Weatherized options available
 Custom color/finishes available

PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Power Rating	Dimensions (in.)	Weight
BC218	148 dB	110 dB	22 Hz – 185 Hz	6,800 W	60 x 60 x 30	511lbs

Architect/Engineers Specs

The subwoofer loudspeaker shall utilize two 18" long excursion transducers in a unique bass horn enclosure. The subwoofer shall have an operating range of -3 dB 26 Hz – 150 Hz with sensitivity of 110 dB SPL, 116 dB SPL @ 68 Hz. Maximum output 142/148 dB SPL Peak, 148/154 dB SPL @ 68 Hz. Power handling shall be 3,400 W continuous, 13,600 W Peak. The impedance shall be nominal dual 2x8 ohm impedance.

The loudspeaker shall be constructed of 13 ply Baltic birch, water resistant Polyurea coated, properly braced for the intended use. The connectors shall be two Neutrik NL4. The subwoofer loudspeaker shall be the Danley Sound Labs BC218.