

## CAD 118FLH PA SUBWOOFER

### Provisional Info Sheet

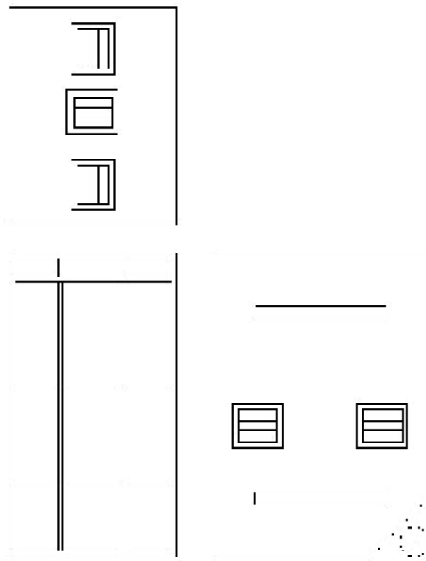
CAD AUDIO 118FLH is a high performance PA subwoofer designed to give very high output with linear response.

Featuring a high performance, high power 1000W / 2000W 18" low frequency B&C transducer in an very compact highly optimized horn cabinet. CAD 118 FLH will meet the high standards expected in todays touring PA business and fixed installations.

CAD 118FLH shows linear frequency response from 40 Hz to 150 Hz and efficiency of 110 db - 1W - 1m and SPL is an awesome 140 dB rms / 145 dB AES. (\*1 - 1 speaker out of 2 on the ground)

The cabinet is produced in 15 & 18mm birch plywood heavily braced and cnc machined. The finish is black textured warnex and the front is covered by a 1.6mm steel front grille.

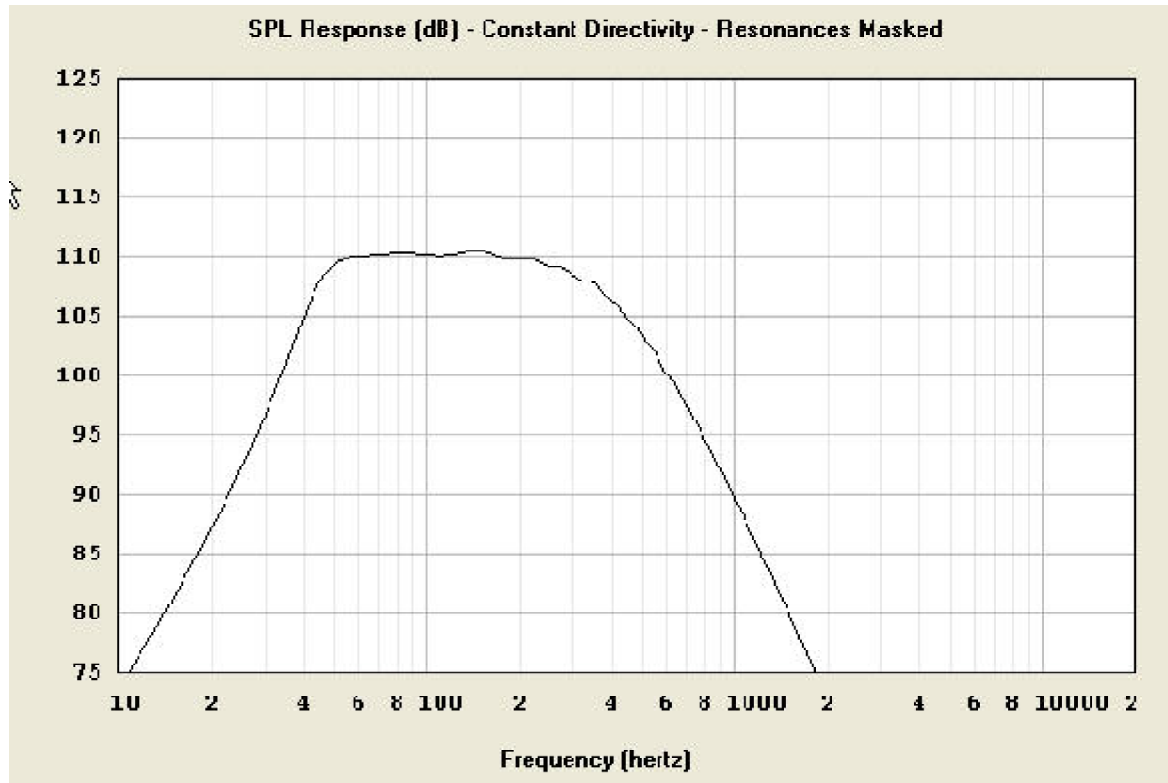
Connectors are 4-pole speakons in a recessed dish.



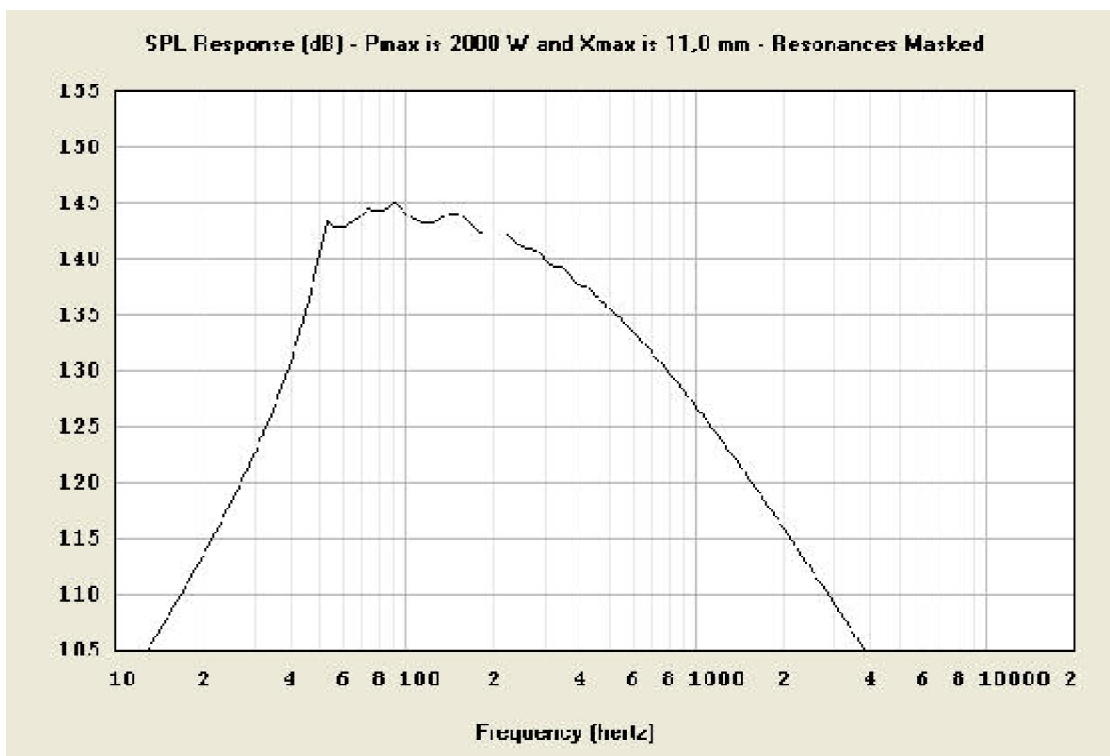
### TECHNICAL DATA

### CAD 118FLH

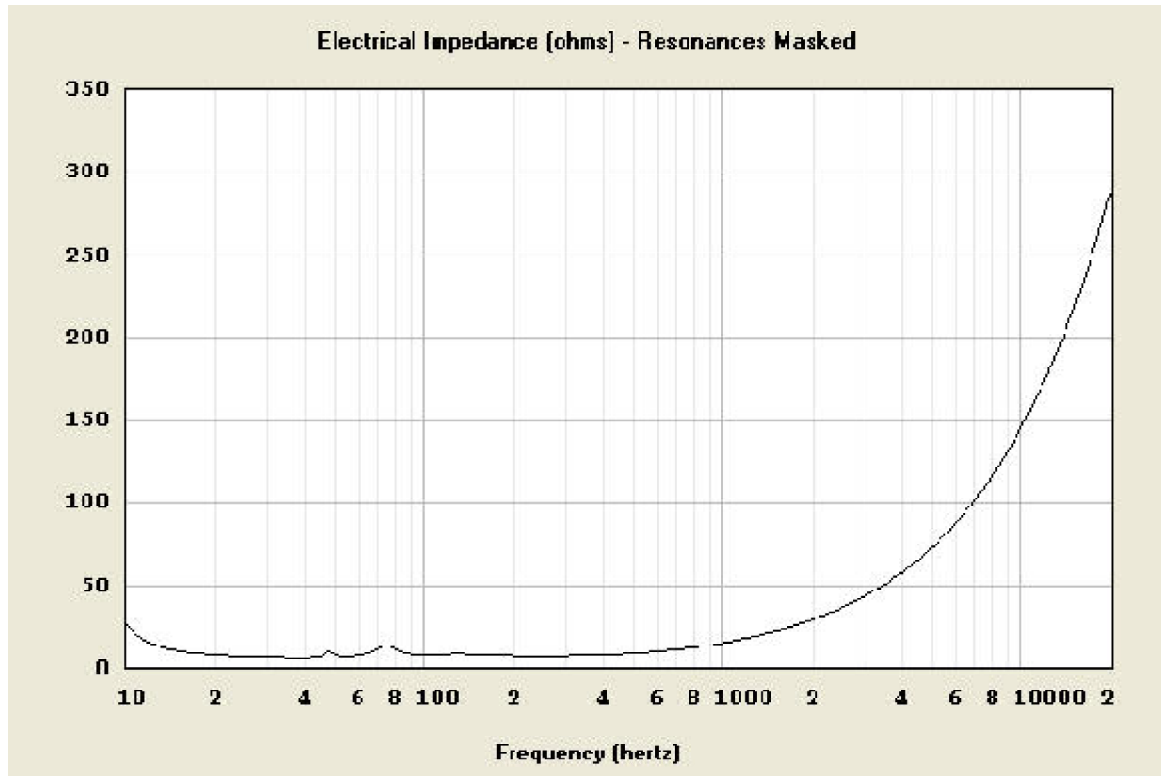
Power handling , RMS	1000 W
Power handling ,cont.program	2000 W
Nominal Impedance	8 ohms
Sensitivity (1W – 1m) (*1)	110 dB
Max SPL, rms / AES (*1)	142 dB / 145 dB
Frequency range	35 - 200 Hz
Low freq. Transducer	18" (460mm)
Cabinet	black textured
Height	1050 mm
Width	580 mm
Depth	760 mm
Net weight	70 kg



Freq response , CAD 118 FLH , 1W - 1m (\*1)



Freq response , CAD 118 FLH , 2000W - 1m (AES power handling) (\*1)



CAD 118 FLH - Impedance curve

**Features:**

very high output  
linear freq response  
very high power handling  
sturdy cabinet

**Applications:**

concert sound  
live venues  
club installations  
tour production  
etc.

**Architect/engineering specifications:**

The loudspeaker shall be a highly optimized bass horn cabinet, it shall be made of 18mm birch plywood, extensively braced. It shall comprise a high power 18"/460mm driver. The cabinet shall be fitted with 10 recessed handles, + a recessed connector plate with 2 4-pole speakon connectors in the back. It shall be fitted with 2 100mm wheels in the back. Finish of the cabinet shall be textured warnex and the front shall be covered with a steel grille. The performance (without DSP or other signal processing) shall be; 1000W/2000W powerhandling, 110 dB efficiency for 1W -1m (\*1) , 1 speaker out of 2 , on the ground, and the response shall be 40-200 Hz on axis (+/- 3 dB). Max SPL shall be 140 dB SPL rms and 145 dB SPL AES , dimensions 1050 x 580 x 760 mm and weight 70 kgs. The loudspeaker shall be CAD AUDIO 118FLH PA subwofer.

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