

CAD TPH118 PA SUBWOOFER

Provisional Info Sheet

CAD AUDIO TPH118 is a high performance PA subwoofer designed to give very high output with linear response.

Featuring a high performance, high power 1000W / 2000W CAD 18" low frequency transducer in an very compact highly optimized horn cabinet. *1
CAD TPH118 will meet the high standards expected in todays touring PA business and fixed installations.

CAD TPH118 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.

CAD TPH118 is designed to work with high performance PA top cabinets like CAD 7022, CAD 9022 etc and will work very well as subwoofer for line array systems as well.

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

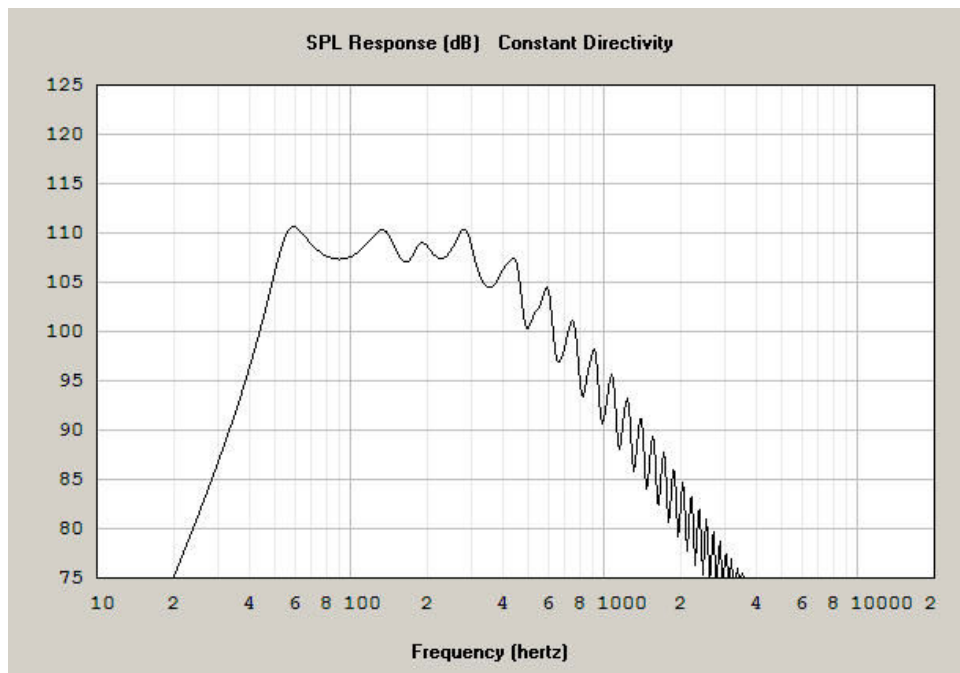
Connectors are 4-pole speakons in a recessed dish.

4 wheels on the back is another option.

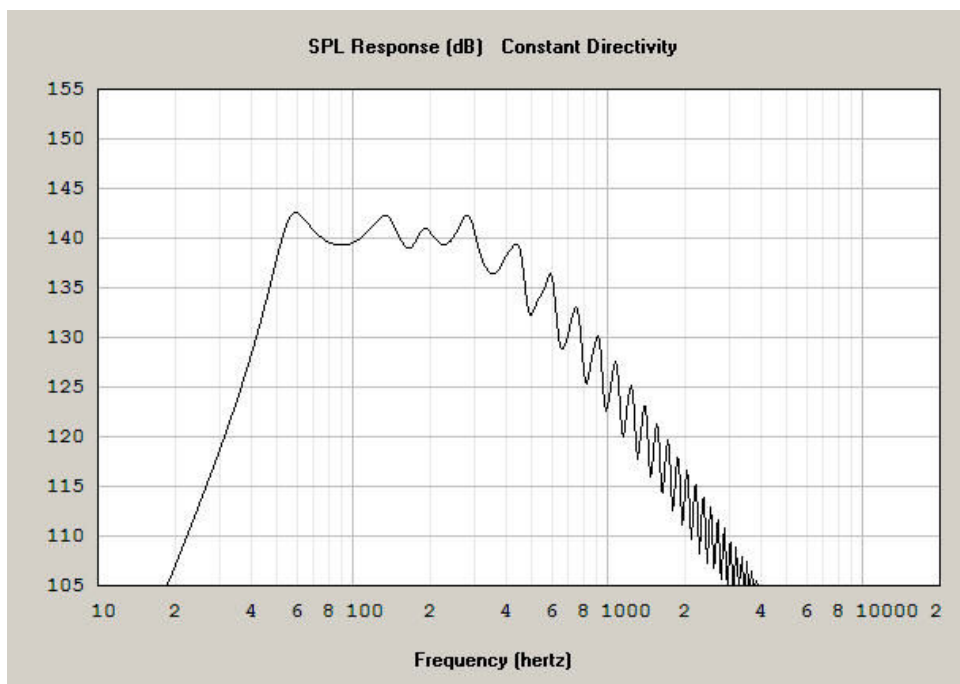
*1 B&C 18TBX100 etc. optional as well.



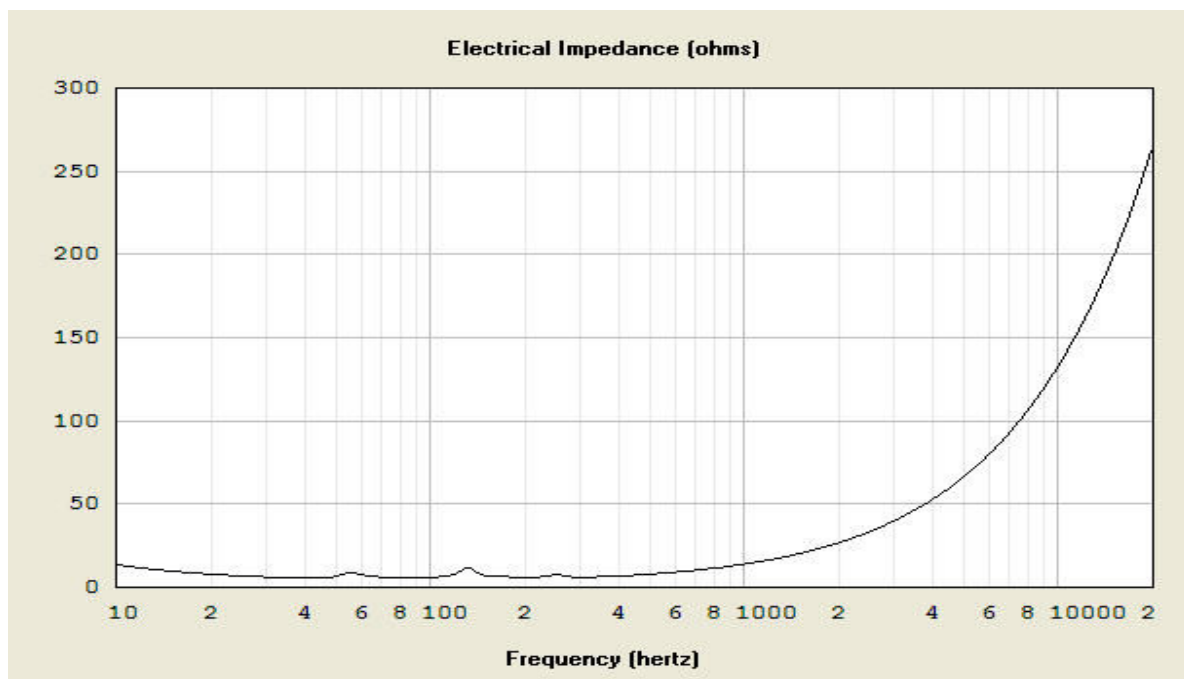
TECHNICAL DATA	CAD TPH118
Power handling , RMS	1000 W
Power handling , AES	2000 W
Nominal Impedance	8 ohms
Sensitivity (1W – 1m)	110 dB
Max SPL, rms / AES	140 dB / 145 dB
Frequency range	35 - 200 Hz
Low freq. Transducer	18" (460mm)
Cabinet	black textured
Height	760 mm
Width	540 mm
Depth	760 mm
Net weight	56 kg



Freq response , CAD TPH118 , 1W - 1m (*1)



Freq response , CAD TPH118 , 1000W - 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 tapered 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 recessed handles, + a recessed connector plate with 2 4-pole speakon connectors 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 power handling, 110 dB efficiency for 1W -1m 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 760 x 540 x 760 mm and weight 58 kgs. The loudspeaker shall be CAD AUDIO TPH118 PA subwoofer. CAD TPH118 is protected by Danish Patent and Trademark Office.

CAD Audio DK - Røjlevej 8 - DK 5935 Bagenkop - Phone +4538 33 40 48 km_cad@yahoo.com