

# THE 18-2 SUB PRO-PASSIVE SEALED SHALLOW



Speaker type	2 x 18" forward-firing, advanced carbon rohocell composite sandwich cones, neodymium motor with 4" ultra-high-temperature Voice-coil
Xmax	23 mm excursion each direction (46 mm linear), voice coil remaining in homogeneous magnetic field, linear and lowest distortion
Passive   Active	Passive
Recommended amplifiers	1Ch DSP + 1 or 2Ch Amplifier are required. Min. recommended amplifier: 89 Vrms, 126 Vpk, 45 A; equivalent to 4000W@4Ω, with correct RMS & Peak limiting & compression settings
Recommended ASCENDO amplifiers	(With additional external 1CH DSP: AIA2-6004), DSP4-6K2, DSP4-10K2
Prinziple	Sealed
SPL (Peak / half space 2 pi)	Measurement data 138 dB @ 63 Hz peak and up 120 dB @ 23 Hz
Frequency range	Measurement data (without ext. DSP) 33 Hz - 400 Hz / -3 dB 23 Hz - 500 Hz / -15 dB
Efficiency	89 dB / 1W/m 4 pi, 93dB / 1W/m 2 pi
Power handling	5000 W
Impedance	4 Ω per woofer
Air volume displacement	5,32 L / in comparison 18" standard cinema subwoofer 1,1 L
Directivity horizontal x vertical in Deg°	360°
Input terminal	One 4-conductor Phoenix 12 AWG (3,3 mm <sup>2</sup> ) push on binding post

Enclosure	Internally braced birch ply
Width	23,62"   600 mm
Height	47,24"   1200 mm
Height with feet	47,83"   1215 mm
Depth without grill	10,43"   265 mm
Depth with plug	10,43"   265 mm
Weight	147,71 lbs   67 kg
Finish	Matte black
Custom colour options	Piano lacquer, colour of choice, matt or other finishes upon request
Shape customization	Upon request
Mounting	Floor standing with feet

THE18-2 SUB PRO PS SH is supplied with a front cover as standard

