

TECHNICAL DATA

THE 18-2 SUB PRO PASSIVE SEALED SHALLOW

Ascendo
ELEVATE YOUR SOUND



Speaker Type	2x18 forward-firing, advanced carbon Rohacell® 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 lower distortion
Principle	Sealed
Passive Active	Passive
Recommended Amplifiers	1Ch DSP and 1 or 2Ch amplifier are required. Min. recommended amplifier: 89 Vrms, 126 Vpk, 45 A; equivalent to 4000 W @ 4 Ω, with correct RMS & peak limiter settings
Recommended ASCENDO Amplifiers	(With DSP-4D: AIA2-10K2 IS, AIA2-6004), DSP4-10K2, DSP4-20K2
SPL (Peak / half space 2pi)	Measured Data 138 dB @ 63 Hz 120 dB @ 23 Hz
Frequency Range	Measured Data (without DSP) 33 Hz - 400 Hz / -3 dB 23 Hz - 500 Hz / -12 dB
Efficiency	93 dB / 1 W/m 4 pi, 99 dB / 1 W/m 2 pi
Power Handling	5000 W
Impedance	4 Ω per woofer
Max linear air volume displacement	2.84 US. liq. gal. 10.74 L
Directivity Horizontal x Vertical in deg°	360°
Input Terminal	4-conductor Phoenix 12 AWG (3.3 mm²)

Enclosure	Internally braced MDF
Dimensions (W/H/D)mm (Without grille)	600 1215 265 (Height without feet: 1200)
Dimensions (W/H/D)inch (Without grille)	23 5/8 47 13/16 10 7/16 (Height without feet: 47 1/4)
Packing Dimensions (W/H/D)mm	750 1330 440
Packing Dimensions (W/H/D)inch	29 1/4 52 3/8 17 5/16
Weight	147.71 lbs 67 kg
Gross Weight	165.35 lbs 75 kg
Finish	Satin matte black
Mounting	Floorstanding with feet

The THE18-2 SUB PRO PASSIVE SEALED SHALLOW is supplied with a front cover as standard



Technical modifications subject to change without further notice | Technische Änderungen vorbehalten