

TECHNICAL DATA

THE 18 SUB PRO PASSIVE SEALED

ascendo
ELEVATE YOUR SOUND



Speaker Type	18" forward-firing, dual gap motor structure - 2 inner and 2 outer voice coils, neodymium motor
Xmax	17.5 mm excursion each direction (35 mm linear), voice coil remaining in homogeneous magnetic field, linear and lower distortion
Principle	Sealed
Passive Active	Passive
Recommended Amplifiers	1Ch DSP and 1Ch amplifier are required. Min. recommended amplifier: 72 Vrms, 102 Vpk, 18.0A; equivalent to 1100 W @ 4 Ω, with correct RMS & peak limiter settings
Recommended ASCENDO Amplifiers	(With DSP-4D: AIA2-6004), DSP4-10K2
SPL (Peak / half space 2pi)	Measured Data 136 dB @ 63 Hz 120 dB @ 32 Hz
Frequency Range	Measured Data (without DSP) 60 Hz - 400 Hz / -3 dB 28 Hz - 500 Hz / -15 dB
Efficiency	93 dB / 1 W/m 4 pi, 99 dB / 1 W/m 2 pi
Power Handling	4000 W
Impedance	4 Ω
Max linear air volume displacement	1.13 US. liq. gal. 4.29 L
Directivity Horizontal x Vertical in deg°	360°
Input Terminal	Neutrik Speakon

Enclosure	Internally braced MDF
Dimensions (W/H/D)mm (Without grille)	530 1150 380 (Height without feet: 1100)
Dimensions (W/H/D)inch (Without grille)	20 7/8 45 1/4 14 15/16 (Height without feet: 43 5/16)
Packing Dimensions (W/H/D)mm	700 1250 500
Packing Dimensions (W/H/D)inch	27 9/16 49 3/16 19 11/16
Weight	108.03 lbs 49 kg
Gross Weight	127.87 lbs 58 kg
Finish	Structural paint black
Mounting	Floorstanding with feet

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



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