

# TECHNICAL DATA

## THE 16 SUB PRO PASSIVE SEALED SHALLOW



Speaker Type	16" forward-firing, advanced carbon Rohacell® composite sandwich cones, neodymium motor with 4" ultra-high-temperature voice-coil
Xmax	20 mm excursion each direction (40 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. Recommended amplifier: 70 Vrms, 99 Vpk, 17.5 A; equivalent to 1200 W @ 4 Ω with correct RMS & peak limiter settings
Recommended ASCENDO Amplifiers	(With DSP-4D: AIA2-1404 bridged, AIA2-2704, AIA4-2404 bridged, AIA4-6004, AIA8-6004 bridged) , DSP4-10K2
SPL (Peak / half space 2pi)	Measured Data 123 dB @ 32 Hz 107 dB @ 20 Hz
Frequency Range	Measured Data (without DSP) 38 Hz - 500 Hz / -3 dB 24 Hz - 500 Hz / -12 dB
Efficiency	81 dB / 1 W/m 4 pi, 87 dB / 1 W/m 2 pi
Power Handling	1700 W
Impedance	4 Ω
Max linear air volume displacement	1.16 US. liq. gal.   4.40 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)	470   485   295 (Height without feet:470)
Dimensions (W/H/D)inch (Without grille)	18 1/2   19 1/16   11 5/8 (Height without feet: 18 1/2)
Packing Dimensions (W/H/D)mm	610   610   450
Packing Dimensions (W/H/D)inch	18 8/16   19 1/16   11 10/16
Weight	61.73 lbs   28 kg
Gross Weight	70.55 lbs   32 kg
Finish	Satin matte black
Mounting	Floorstanding with feet

The THE16 SUB PRO PASSIVE SEALED SHALLOW is supplied with a front cover as standard



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