TECHNICAL DATA
THE 50 SUB PRO PASSIVE
SEALED

ASCENDO
ELEVATE YOUR SOUND

Speaker Type	Custom-built 50" woofer with dual 13,5" voice coil
Xmax	35 mm excursion each direction, voice coil remaining in homogeneous magnetic field, linear and lowest distortion
Principle	Sealed
Passive | Active	Passive
Recommended Amplifiers	Rack mount, 2 x 10.000 Watt AIA2-10K2 IS + DSP4-D included
SPL (Peak / half space 2pi)	Calculated Data (Example, custom enclosure dependent) 136 dB (Cont.) / 140 dB (Peak) 125 dB @20 Hz 105 dB @5 Hz
Frequency Range	Calculated Data (Example, custom enclosure dependent) 5Hz - 100Hz
Efficiency	92 dB / 1W/m 4 pi, 98 dB / 1W/m 2 pi
Power Handling	20000W (20Kw)
Impedance	Dual Voice Coil, 4 Ω each
Max Linear Air Volume Displacement	24,96 US. liq. gal. | 94,50 L
Directivity Horizontal x Vertical in deg°	360°
Input Terminal	Binding Posts

Enclosure	Complete custom design of enclosure for desired installation, for dealer/contractor build locally, minimum 2 m³
Dimensions (W/H/D)mm (Without grille)	1500 | 1500 | 596 (Driver only)
Dimensions (W/H/D)inch (Without grille)	59 1/16 | 59 1/16 | 23 7/16 (Driver only)
Packing Dimensions (W/H/D)mm	1560 | 1660 | 620
Packing Dimensions (W/H/D)inch	61 7/16 | 65 3/8 | 24 7/16
Weight	352.74 lbs | 160 kg
Gross Weight	551.156 lbs | 250 kg

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