

TECHNICAL DATA

THE 28 SUB SQUARE PRO PASSIVE SEALED-SHALLOW

Ascendo
ELEVATE YOUR SOUND



Speaker Type	28" forward-firing, advanced carbon rohacell composite sandwich flat panel cone, neodymium motors with quad 4" ultra-high-temperature voice-coil
Xmax	22mm excursion each direction (44 mm linear), voice coil remaining in homogeneous magnetic field
Principle	Sealed
Passive Active	Passive
Recommended Amplifiers	1Ch Amplifier is required. Min. recommended amplifier: 141 Vrms, 200 Vpk, 17.7 A; equivalent to 2500W@ 8Ω, up to 450V Peak. Other configuration can be 2 x 4 Ohms with 2x 250V Peak (2 x 178V RMS)
Recommended ASCENDO Amplifiers	(With DSP-4D: AIA2-10K2 IS), DSP4-20K2
SPL (Peak / half space 2pi)	Measured Data 140 dB @80 Hz and up 123 dB @ 20Hz 100 dB @ 11Hz
Frequency Range	Measured data (without DSP) 55 Hz - 500 Hz / -3 dB 38 Hz - 640 Hz / -10 dB
Efficiency	92 dB / 1W/m 4 pi, 98 dB / 1W/m 2 pi
Power Handling	30kW Peak
Impedance	2 x 4 Ω (Other configurations possible)
Max Linear Air Volume Displacement	6,16 US. liq. gal. 23,32 L
Directivity Horizontal x Vertical in deg°	360°
Input Terminal	4-conductor Wago Lever-Nuts® 10 AWG (6.00 mm²)

Enclosure	Internally braced MDF
Dimensions (W/H/D)mm (Without grille)	800 1015 300 (Height without feet: 1000)
Dimensions (W/H/D)inch (Without grille)	31 1/2 39 15/16 11 13/16 (Height without feet: 39 3/8)
Packing Dimensions (W/H/D)mm	960 1160 460
Packing Dimensions (W/H/D)inch	37 13/16 45 11/16 18 1/8
Weight	268.96 lbs 122 kg
Gross Weight	291.01 lbs 132 kg
Finish	Satin matte black
Mounting	Floorstanding with feet



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