

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	22 mm 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 2500 W @ 8 Ω, up to 450 V Peak. Other configuration can be 2 x 4 Ω with 2 x 250 V Peak (2 x 178 V RMS)
Recommended ASCENDO Amplifiers	With DSP-4D: AIA2-10K2 IS
SPL (Peak / half space 2pi)	Measured Data 140 dB @ 80 Hz and up 123 dB @ 20 Hz 100 dB @ 11 Hz
Frequency Range	Measured data (without DSP) 55 Hz - 500 Hz / -3 dB 38 Hz - 640 Hz / -10 dB
Efficiency	92 dB / 1 W/m 4 pi, 98 dB / 1 W/m 2 pi
Power Handling	30 kW Peak
Impedance	2 x 4 Ω (Other configurations possible)
Max Linear Air Volume Displacement	5.37 US. liq. gal. 20.32 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