

TECHNICAL DATA

THE 28 SUB SQUARED PRO - PASSIVE SEALED SHALLOW



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 Xmax excursion each direction (44 mm linear), voice coil remaining in homogeneous magnetic field
Principle	Sealed
Passive Active	Passive
Recommended amplifier	1Ch Amplifier is required. Min. recommended amplifier: 141 Vrms, 200 Vpk, 17.7 A; equivalent to 2500W@8 Ohm, up to 450V Peak. Other configuration can be 2 x 4 Ohms with 2 x 250V Peak (2 x 178V RMS)
Recommended ASCENDO amplifiers	(With DSP-4D: AIA2-10K2 IS), DSP4-10K2
SPL (Peak / half space 2pi)	Measurement data 140 dB @80 Hz and up 123 dB @ 20Hz 100 dB @ 11Hz Please refer to our measurement report for more details
Frequency range	Measurement data (without DSP) 38 Hz - 640 Hz / -10 dB
Efficiency	91.8 dB / 1W/m 4 pi, 97.8 dB / 1W/m 2
Power handling	30kW Peak
Impedance	4 Ω
Max linear air volume displacement	11.7 L / 713 cu in comparison 18" standard cinema subwoofer 1,1 L
Directivity horizontal x vertical in deg°	360°
Input Terminal	4-conductor Phoenix 10 AWG (5,26 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	31,49 / 39,96 / 11,81 (Height without feet: 39,37)
Packing dimensions (W/H/D)mm	960 / 1160 / 460
Packing dimensions (W/H/D)inch	37,80 / 45,67 / 18,11
Weight	140 kg 308,65 lbs
Gross weight	150 kg 330,69 lbs
Finish	Satin matte black



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