

TECHNICAL DATA

THE 28 SUB SQUARE PRO PASSIVE SEALED-SHALLOW



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| 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), DSP4-20K2 |
| 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) |

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| 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