

RS12-SUBD4

Subwoofer



KEY FEATURES

- 2.6" Voice coil
- 1000 Watts continuous program power
- 86 dB Sensitivity

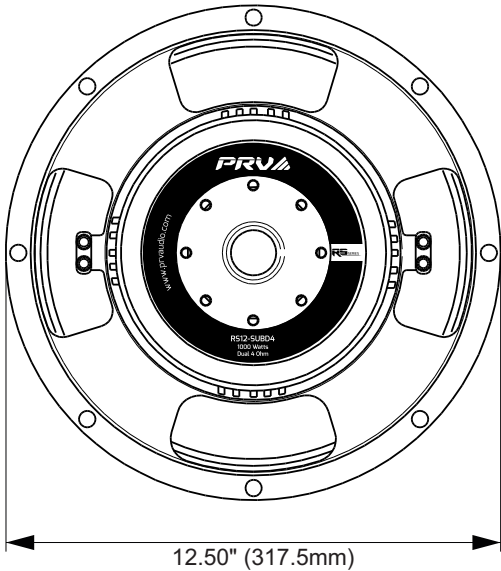
GENERAL SPECIFICATIONS

Nominal Diameter	12" (305 mm)
Nominal impedance	4 + 4 Ohm
Continuous Program Power (RMS)	1000 Watts
Max Peak Power	2000 Watts
Sensitivity 1.41V at 1m	86 dB (Parallel VC)
Voice Coil Diameter	2.6" (65.5 mm)
Voice Coil Wire	Copper
Voice Coil Winding Depth	40.0 mm
Former Material	Black Aluminum
Magnetic Gap Depth	10.0 mm
Frame Material	Stamped Steel



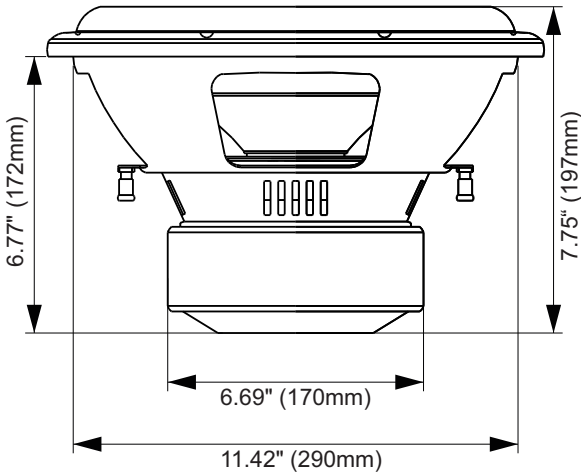
THIELE-SMALL PARAMETERS

Equivalent Volume	Vas	21.2 l
Excursion (mathematical)**	Xmax	17.5 mm
Free Air Resonance	Fs	42.7 Hz
Mechanical Factor	Qms	9.90
Electrical Factor	Qes	0.79
Total Factor	Qts	0.73
Cone Area	Sd	551 cm ²
Mechanical Mass	Mms	237.5 g
Bl Factor	BL	11.71 Tm
Dc Resistance (Parallel VC)	Re	1.7 Ohm
Inductance	Le	1.53 mH at 1 kHz
Mechanical Mass Without Air	Mmd	230.9 g
Mechanical Compliance	Cms	0.058 mm/N



EXTRA INFO

Overall Diameter	12.50" (317.5 mm)
Front Mount Baffle Cutout	11.42" (290 mm)
Mounting Depth	6.77" (172 mm)
Overall Depth	7.75" (197 mm)
Net Weight	21.56 Lbs (9.78 kg)
Shipping Weight	25.35 Lbs (11.50 kg)
Carton Dimensions W x L x H	13.78" x 13.78" x 8.66" (350 x 350 x 220 mm)



RECOMMENDED ENCLOSURE

Type	Volume	Box Size	Port Size	Box Tunning
Sealed Enclosure	1.0 ft ³	12.5"x13.5"x10.5"	None	47 Hz
Single Sub Ported Enclosure	2.0 ft ³	12.5"x19"x15"	Slot shaped "12.5x1.50" by 22" Length	36 Hz
Dual Sub Ported Enclosure	4.2 ft ³	12.5"x34"x17"	Slot shaped 12.5"x3.0" by 28" Length	32 Hz

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**Xmax=(Voice coil winding depth-Magnetic Gap depth)/2+ Magnetic Gap Depth/4