

12W1600

Professional Low Frequency Driver



KEY FEATURES

- 1600 Watts Continuous program power
- 4" inside outside voice coil
- 94 dB Sensitivity
- 55 - 2,500 Hz of Frequency response

GENERAL SPECIFICATIONS

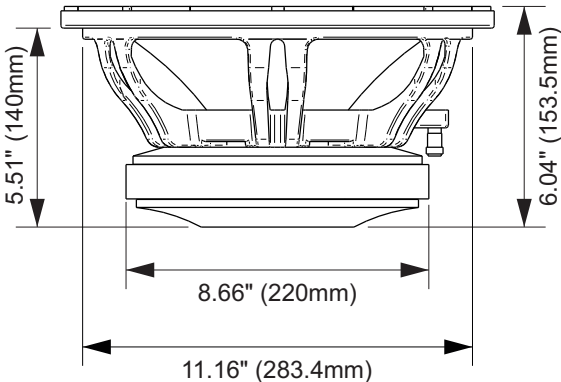
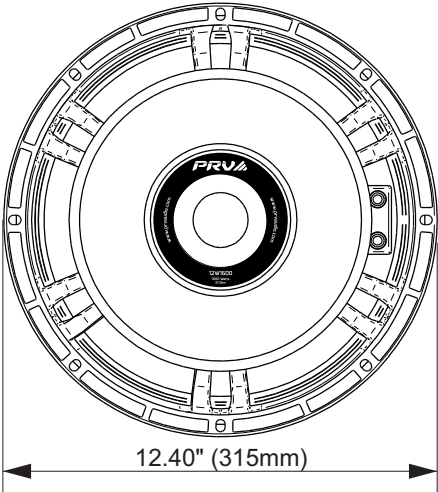
Nominal Diameter	12" (305 mm)
Nominal impedance	8 Ohm
Nominal Power Handling	800 Watts
Continuous Program Power (RMS)	1600 Watts
Max Peak Power	3200 Watts
Sensitivity 2.83V at 1m	94 dB
Recommended Hi Pass Crossover*	60 Hz*
*For Full Power Handling	*12db Per Octave Crossover
Frequency Response	55 - 2,500 Hz
Voice Coil Diameter	4" (100 mm)
Voice Coil Wire	Copper
Voice Coil Winding Depth	27.0 mm
Former Material	Glass fiber
Magnetic Gap Depth	12.0 mm
Frame Material	Die cast aluminum

THIELE-SMALL PARAMETERS

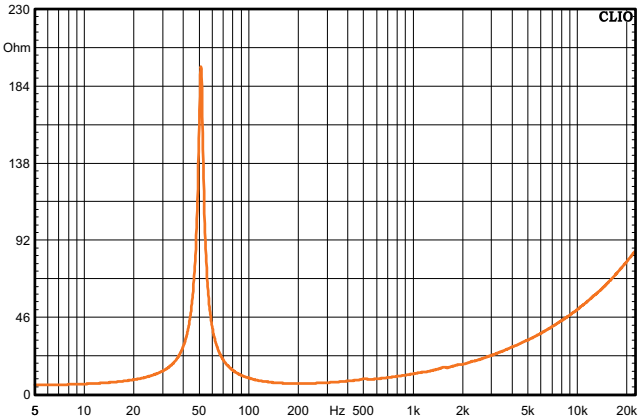
Equivalent Volume	Vas	46.99 l
Excursion (mathematical)***	Xmax	10.50 mm
Free Air Resonance	Fs	51.22 Hz
Mechanical Factor	Qms	14.98
Electrical Factor	Qes	0.40
Total Factor	Qts	0.39
Cone Area	Sd	594 cm ²
Mechanical Mass	Mms	101.16 g
Bl Factor	BL	20.35 Tm
Dc Resistance	Re	5.1 Ohm
Inductance	Le	1.26 mH at 1 kHz
Mechanical Mass Without Air	Mmd	92.97 g
Mechanical Compliance	Cms	0.095 mm/N

EXTRA INFO

Overall Diameter	12.40" (315 mm)
Front Mount Baffle Cutout	11.16" (283.4 mm)
Mounting Depth	5.51" (140 mm)
Overall Depth	6.04" (153.5 mm)
Net Weight	24.22 Lbs (11.0 kg)
Shipping Weight	26.01 Lbs (11.80 kg)
Carton Dimensions W x L x H	13.38" x 13.38" x 6.69" (340 x 340 x 170 mm)

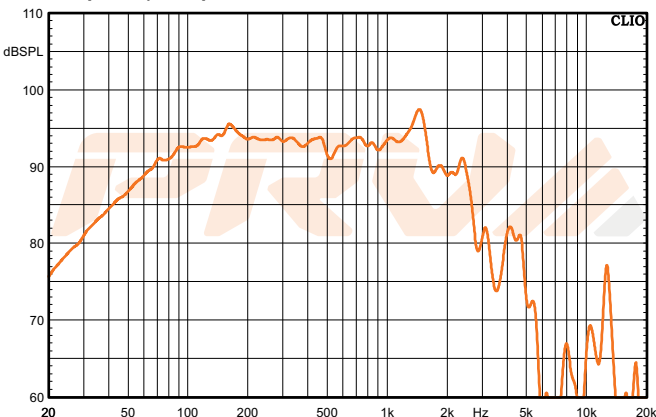


Impedance Curve - Free Air



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

Frequency Response Measured at 2.83V/1m



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