

12W5000-2

Professional Low Frequency Driver



KEY FEATURES

- 4" Voice coil
- 5000 Watts continuous program power
- 93 dB Sensitivity
- 60 - 2,500 Hz



GENERAL SPECIFICATIONS

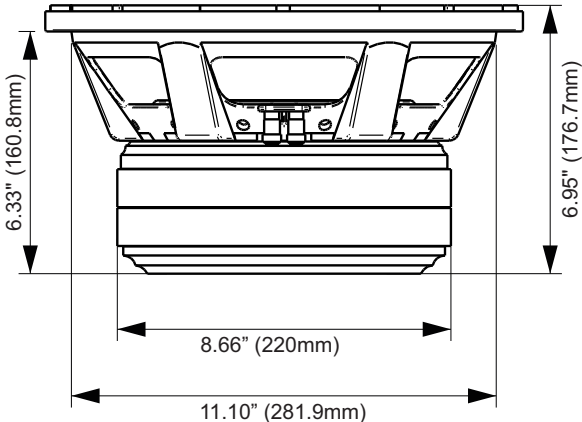
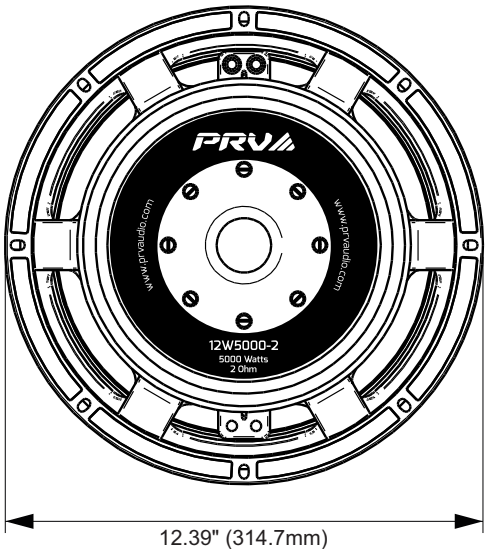
Nominal Diameter	12" (305 mm)
Nominal impedance	2 Ohm
Nominal Power Handling	2500 Watts
Continuous Program Power (RMS)	5000 Watts
Max Peak Power	10000 Watts
Sensitivity 1,41V at 1m	93 dB
Recommended High Pass Crossover*	65 Hz (BT24)*
*For Full Power Handling	*24db Per Octave Crossover
Recommended Low Pass Crossover*	300 Hz (BT24)*
*For Full Power Handling	*24db Per Octave Crossover
Frequency Response	60 - 800 Hz
Voice Coil Diameter	4" (100 mm)
Voice Coil Wire	CCAW
Voice Coil Winding Depth	29.0 mm
Former Material	Glass Fiber
Magnetic Gap Depth	18.0 mm
Frame Material	Die cast aluminum

THIELE-SMALL PARAMETERS

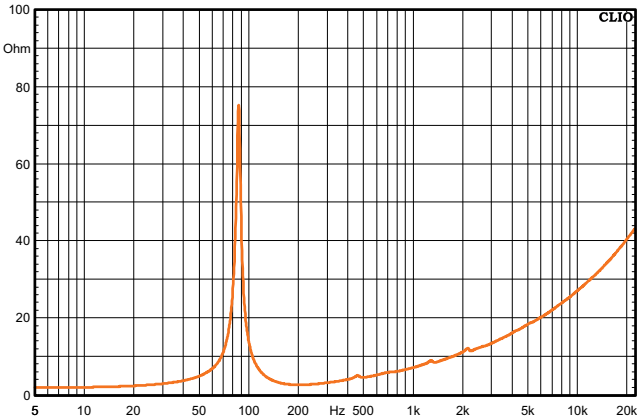
Equivalent Volume	Vas	11.76 l
Excursion (mathematical)***	Xmax	10.00 mm
Free Air Resonance	Fs	86.9 Hz
Mechanical Factor	Qms	19.19
Electrical Factor	Qes	0.44
Total Factor	Qts	0.43
Cone Area	Sd	573 cm ²
Mechanical Mass	Mms	138.3 g
Bl Factor	BL	17.01 Tm
Dc Resistance	Re	1.7 Ohm
Inductance	Le	0.81 mH at 1 kHz
Mechanical Mass Without Air	Mmd	130.6 g
Mechanical Compliance	Cms	0.024 mm/N

EXTRA INFO

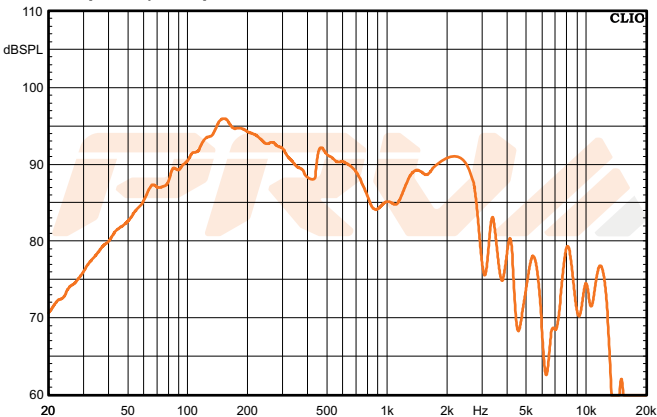
Overall Diameter	12.39" (314.7 mm)
Front Mount Baffle Cutout	11.10" (281.9 mm)
Mounting Depth	6.33" (160.8 mm)
Overall Depth	6.95" (176.7 mm)
Net Weight	43.87 Lbs (19,90 kg)
Shipping Weight	47.87 Lbs (21.70 kg)
Carton Dimensions W x L x H	16.73" x 16.85" x 11.42" (425 x 428 x 290 mm)



Impedance Curve - Free Air



Frequency Response Measured at 1,41V/1m



**Xmax=(Voice coil winding depth-Magnetic Gap depth)/2+ Magnetic Gap Depth/4
*** T-S parameters measured after 2 hours at 1/2 Rated power, pink noise preconditioning test

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