

10W500-4

Professional Low Frequency Driver



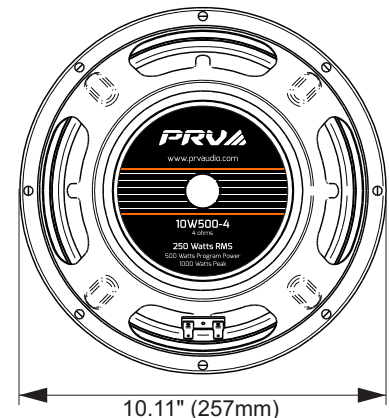
KEY FEATURES

- 2.5" Voice Coil
- 250 Watts continuous power handling
- 96 dB Sensitivity
- 58 - 3,300 Hz
- Water-resistant cone



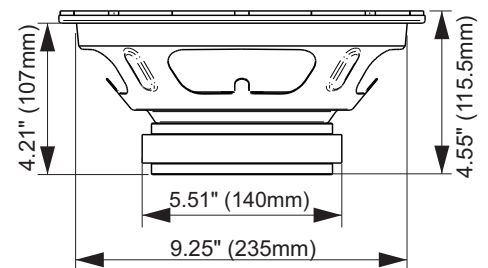
GENERAL SPECIFICATIONS

Nominal Diameter	10" (254 mm)
Nominal impedance	4 ohms
Rated Power Handling	250 Watts
Program Power	500 Watts
Sensitivity 2.00V at 1m	96 dB
Recommended Hi Pass Crossover*	60 Hz*
<small>*For Full Power Handling</small>	<small>*12db Per Octave Crossover</small>
Frequency Response	58 - 3,300 Hz
Voice Coil Diameter	2.5" (65 mm)
Voice Coil Wire	CCAW
Voice Coil Winding Depth	13.0 mm
Former Material	Kapton
Magnetic Gap Depth	8.0 mm
Frame Material	Stamped Steel



THIELE-SMALL PARAMETERS

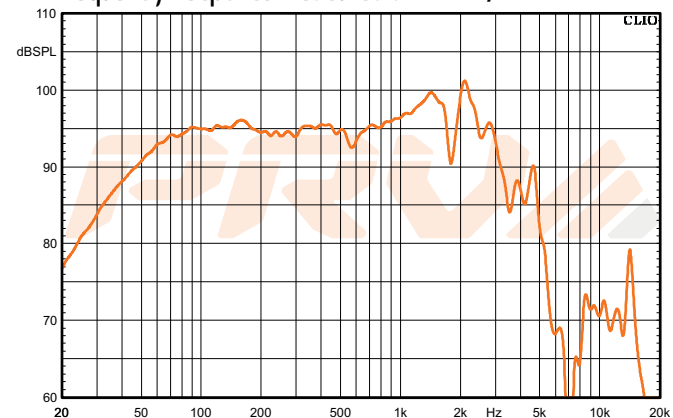
Equivalent Volume	Vas	42.84 l
Excursion (mathematical)***	Xmax	4.5 mm
Free Air Resonance	Fs	57.23 Hz
Mechanical Factor	Qms	14.33
Electrical Factor	Qes	0.64
Total Factor	Qts	0.61
Cone Area	Sd	398 cm ²
Mechanical Mass	Mms	39.84 g
Bl Factor	BL	8.87 Tm
Dc Resistance	Re	3.5 Ohms
Inductance	Le	0.529 mH at 1 kHz
Mechanical Mass Without Air	Mmd	35.35 g
Mechanical Compliance	Cms	0.194 mm/N



EXTRA INFO

Overall Diameter	10.11" (257 mm)
Front Mount Baffle Cutout	9.25" (235 mm)
Mounting Depth	4.21" (107 mm)
Overall Depth	4.55" (115.5 mm)
Net Weight	7.45 Lbs (3.38 kg)
Shipping Weight	9.15 Lbs (4.16 kg)
Carton Dimensions W x L x H	12.20" x 12.20" x 7.28" (310 x 310 x 185mm)

Frequency Response Measured at 2.00V/1m



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