

# 10MB500-4

Professional Mid Bass Driver



KEY FEATURES

- 2.0" Voice coil
- 500 Watts continuous program power
- 97 dB Sensitivity
- 65-5,500 Hz

GENERAL SPECIFICATIONS

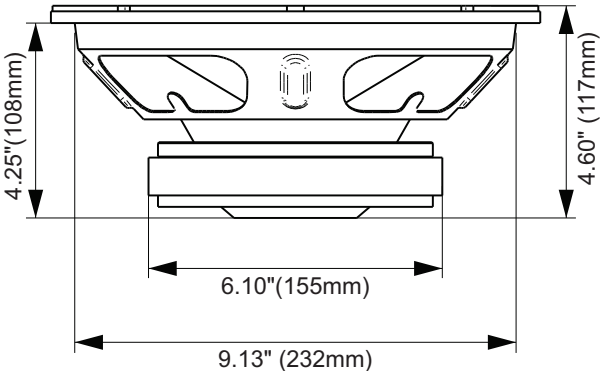
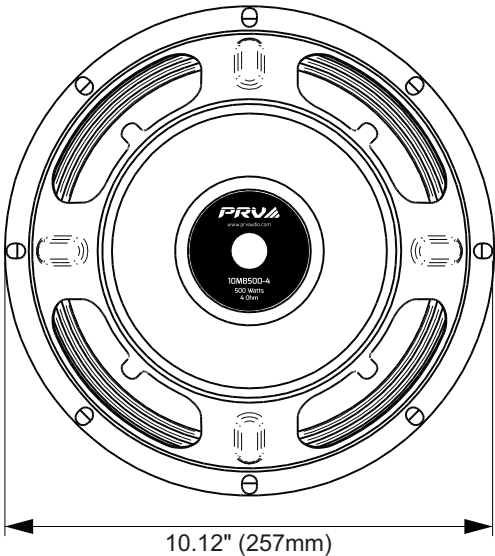
Nominal Diameter	10" (254 mm)
Nominal impedance	4 Ohm
Nominal Power Handling	250 Watts
Continuous Program Power (RMS)	500 Watts
Max Peak Power	1000 Watts
Sensitivity 2.00V at 1m	97 dB
Recommended High-Pass Filter*	100 Hz*
*For Full Power Handling	*12db Per Octave Filter
Frequency Response	65 - 5,500 Hz
Voice Coil Diameter	2.0" (50.5 mm)
Voice Coil Wire	Copper
Voice Coil Winding Depth	13.0 mm
Former Material	Kapton
Magnetic Gap Depth	8.0 mm
Frame Material	Stamped Steel

THIELE-SMALL PARAMETERS

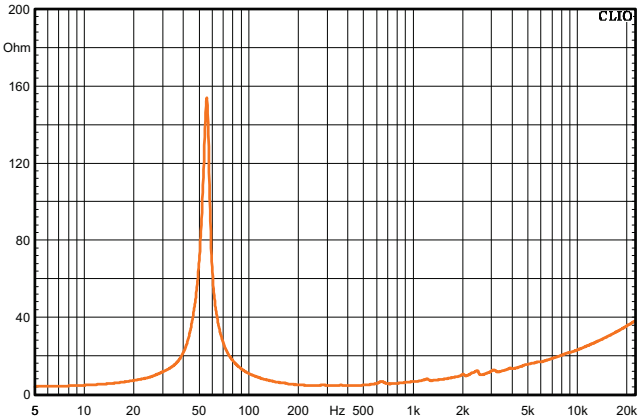
Equivalent Volume	Vas	47.6 l
Excursion (mathematical)***	Xmax	4.50 mm
Free Air Resonance	Fs	55.6 Hz
Mechanical Factor	Qms	12.14
Electrical Factor	Qes	0.30
Total Factor	Qts	0.29
Cone Area	Sd	380 cm²
Mechanical Mass	Mms	34.74g
Bl Factor	BL	12.26 Tm
Dc Resistance	Re	3.7 Ohm
Inductance	Le	0.54 mH at 1 kHz
Mechanical Mass Without Air	Mmd	30.54 g
Mechanical Compliance	Cms	0.236 mm/N

EXTRA INFO

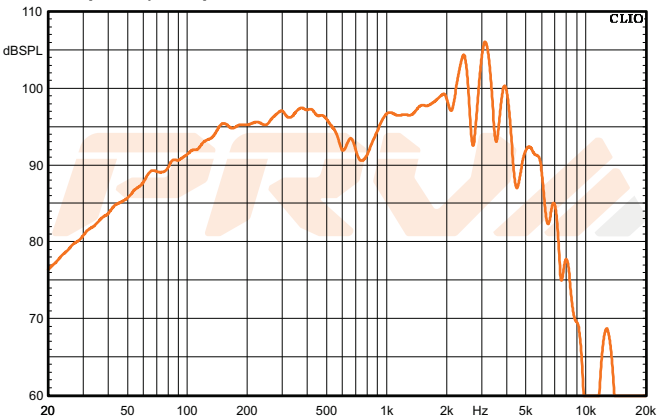
Overall Diameter	10.12" (257 mm)
Front Mount Baffle Cutout	9.13" (232 mm)
Mounting Depth	4.25" (108 mm)
Overall Depth	4.60" (117 mm)
Net Weight	9.4 Lbs (4.25 kg)
Shipping Weight	8.6 Lbs (3.9 kg)
Carton Dimensions W x L x H	11.41" x 11.41" x 6.10" (290 x 290 x 155 mm)



Impedance Curve - Free Air



Frequency Response Measured at 2.00V/1m



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