

# 10MB500-4

Professional Mid Bass Driver

**PRV**  
audio  
BRAZIL

## KEY FEATURES

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

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

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 cm<sup>2</sup>

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

Overall Diameter 10.12" (257 mm)

Front Mount Baffle Cutout 9.13" (232 mm)

Mounting Depth 4.25" (108 mm)

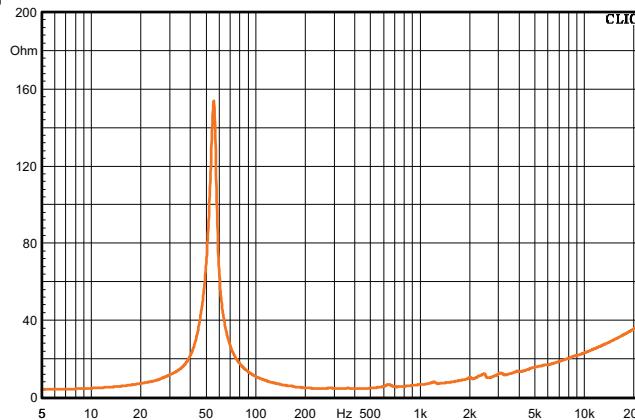
Overall Depth 4.60" (117 mm)

Net Weight 9.4 Lbs (4.25 kg)

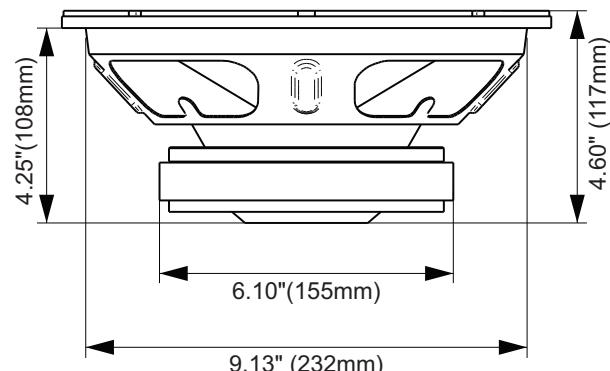
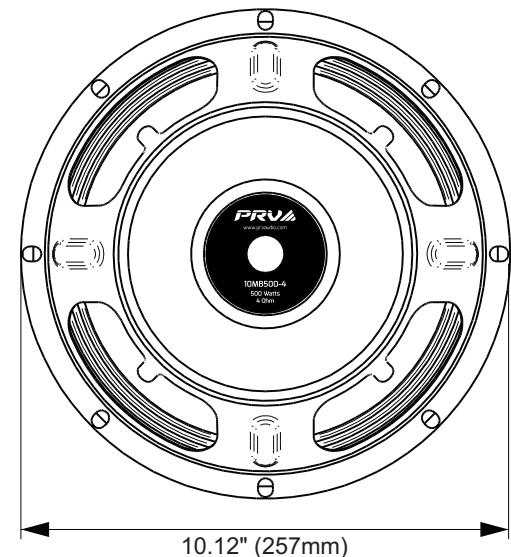
Shipping Weight 8.6 Lbs (3.9 kg)

Carton Dimensions W x L x H 11.41" x 11.41" x 6.10"  
(290 x 290 x 155 mm)

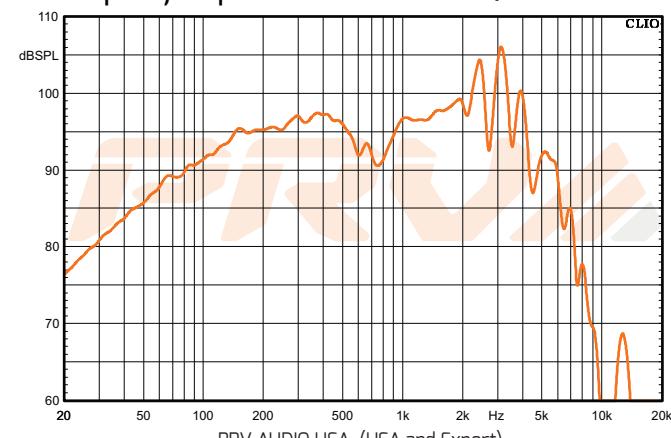
## Impedance Curve - Free Air



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



## Frequency Response Measured at 2.00V/1m



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