

# 8MR500-NDY-4 BULLET

Professional Mid Range Driver



## KEY FEATURES

- 1.5" Voice coil
- 500 Watts continuous program power
- 97 dB Sensitivity
- 95 - 20,000 Hz



GENERAL SPECIFICATIONS

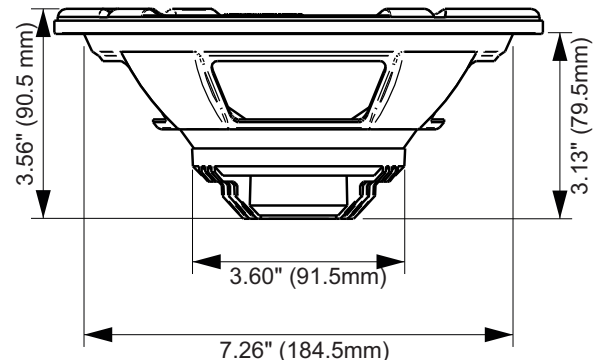
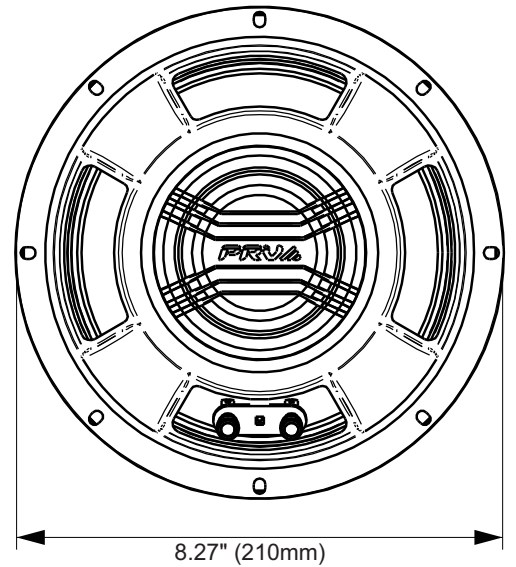
Nominal Diameter	8" (203 mm)
Nominal impedance	4 Ohm
<b>Nominal Power Handling</b>	<b>250 Watts</b>
Continuous Program Power (RMS)	500 Watts
Max Peak Power	1000 Watts
<b>Sensitivity 2.00V at 1m</b>	<b>97 dB</b>
Recommended Hi Pass Crossover*	125 Hz*
<small>*For Full Power Handling</small>	<small>*12db Per Octave Crossover</small>
<b>Frequency Response</b>	<b>95- 20,000 Hz</b>
Voice Coil Diameter	1.5 (38 mm)
Voice Coil Wire	CCAW
Voice Coil Winding Depth	9.0 mm
Former Material	Kapton
Magnetic Gap Depth	6.0 mm
Frame Material	Stamped steel

THIELE-SMALL PARAMETERS

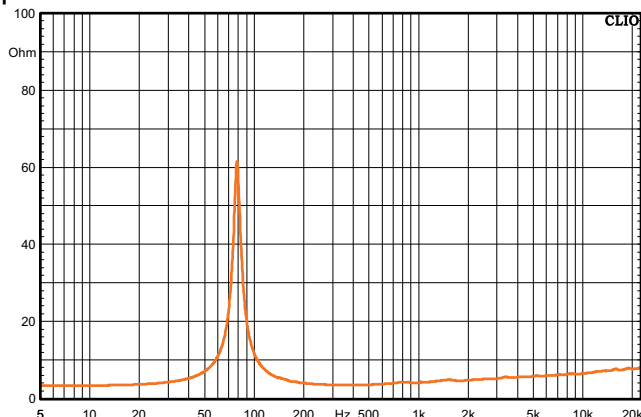
Equivalent Volume	Vas	24.3 l
Excursion	Xmax	3.00 mm
Free Air Resonance	Fs	78.5 Hz
Mechanical Factor	Qms	10.78
Electrical Factor	Qes	0.57
Total Factor	Qts	0.54
Cone Area	Sd	241 cm <sup>2</sup>
Mechanical Mass	Mms	13.64 g
Bl Factor	BL	6.03 Tm
Dc Resistance	Re	3.1 Ohm
Inductance	Le	0.12mH at 1kHz
Mechanical Mass Without Air	Mmd	11.52 g
Mechanical Compliance	Cms	0.301 mm/N

EXTRA INFO

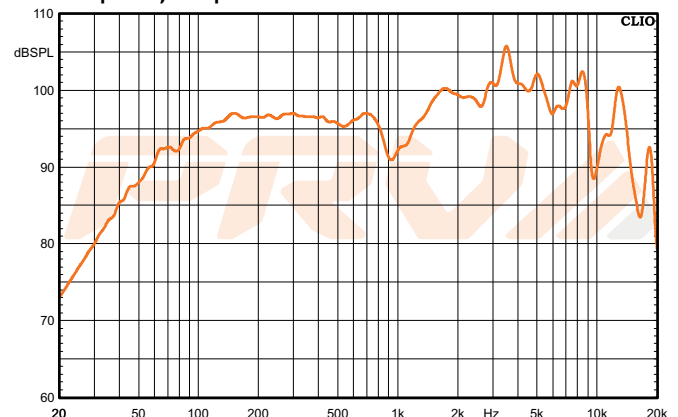
Overall Diameter	8.27" (210 mm)
Front Mount Baffle Cutout	7.26" (184.5 mm)
Mounting Depth	3.13" (79.5 mm)
Overall Depth	3.56" (90.5 mm)
Net Weight	2.20 Lbs (1.0 kg)
Shipping Weight	3.30 Lbs (1.50 kg)
Carton Dimensions W x L x H	8.86" x 8.86" x 4.13" (225 x 225 x 10.5 mm)



Impedance Curve - Free Air



Frequency Response Measured at 2.00V/1m



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

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