

8MR500CF-NDY-4

Professional Mid Range Driver



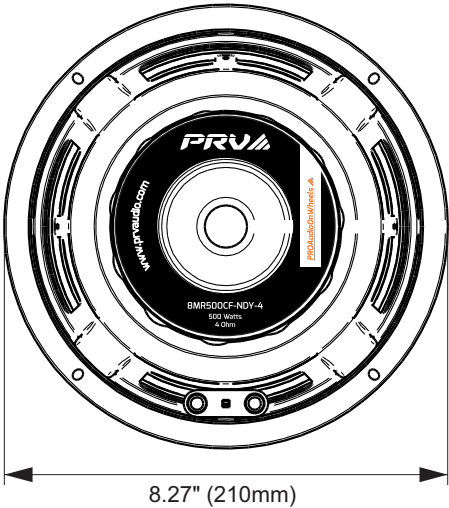
KEY FEATURES

- 250 Watts nominal power handling
- 96 dB Sensitivity
- Water resistant Carbon fiber cone
- Lightweight neodymium magnet



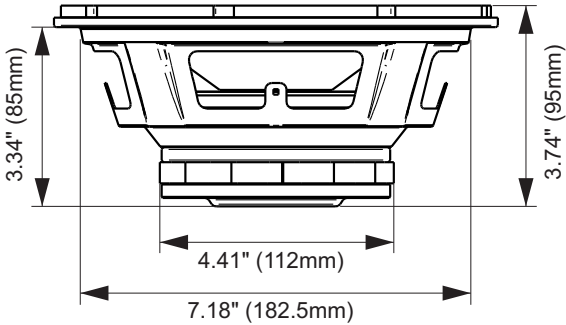
GENERAL SPECIFICATIONS

Nominal Diameter	8" (203 mm)
Nominal impedance	4 Ohms
Nominal Power Handling	250 Watts
Continuous Program Power (RMS)	500 Watts
Max Peak Power	1000 Watts
Sensitivity 2.00V at 1m	96 dB
Recommended Hi Pass Crossover*	85 Hz*
*For Full Power Handling	*12db Per Octave Crossover
Frequency Response	95 - 10,000 Hz
Voice Coil Diameter	2.5" (51 mm)
Voice Coil Wire	CCAW
Voice Coil Winding Depth	10.0 mm
Former Material	Kapton
Magnetic Gap Depth	7.0 mm
Frame Material	Stamped Steel



THIELE-SMALL PARAMETERS

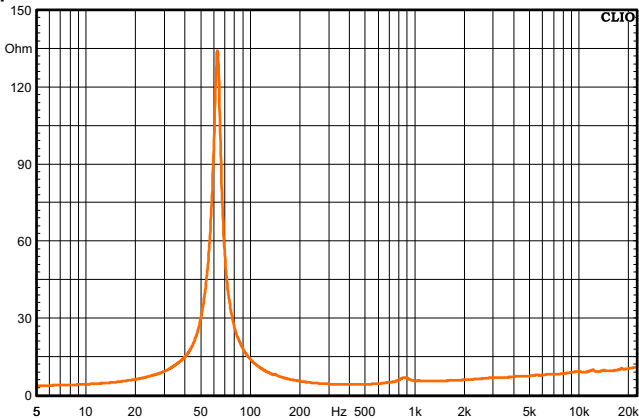
Equivalent Volume	Vas	18.62 l
Excursion	Xmax	3.25 mm
Free Air Resonance	Fs	62.90 Hz
Mechanical Factor	Qms	10.06
Electrical Factor	Qes	0.25
Total Factor	Qts	0.25
Cone Area	Sd	227 cm ²
Mechanical Mass	Mms	24.73 g
Bl Factor	Bl	11.27 Tm
Dc Resistance	Re	3.3 Ohms
Inductance	Le	0.047mH at 1 kHz
Mechanical Mass Without Air	Mmd	22.79 g
Mechanical Compliance	Cms	0.258 mm/N



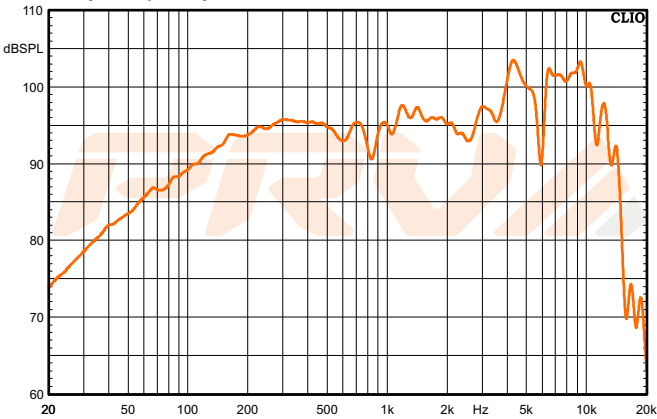
EXTRA INFO

Overall Diameter	8.27" (210 mm)
Front Mount Baffle Cutout	7.18" (182.5 mm)
Mounting Depth	3.34" (85 mm)
Overall Depth	3.74 (95 mm)
Net Weight	4.16 Lbs (1.89 kg) unit
Shipping Weight	10.18 Lbs (4.62 kg) pair
Carton Dimensions W x L x H	18.9" x 8.86" x 5.98" (480 x 225 x 152 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
*** T-S parameters measured after 2 hours at 1/2 Rated power, pink noise preconditioning test

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