8MR500CF-NDY-4

Professional Mid Range Driver

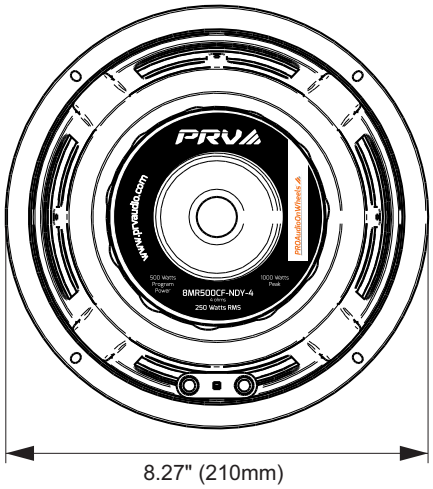
PRV AUDIO BRAZIL

KEY FEATURES

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

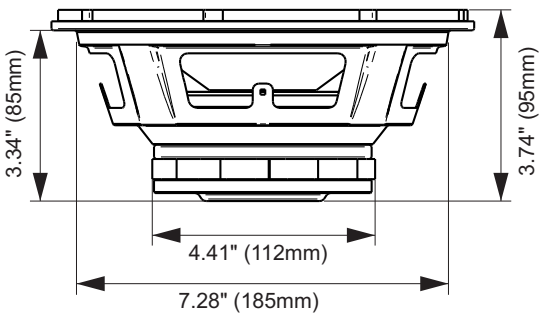
GENERAL SPECIFICATIONS

Nominal Diameter	8" (203 mm)
Nominal impedance	4 Ohms
Rated Power Handling	**250 Watts**
Program Power	500 Watts
Sensitivity 2.00 V at 1m	**96 dB**
Recommended Hi Pass Crossover* *For Full Power Handling	85 Hz* *12db Per Octave Crossover
Frequency Response at -10dB	**95 - 10,000 Hz**
Voice Coil Diameter	2.0" (50.8 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

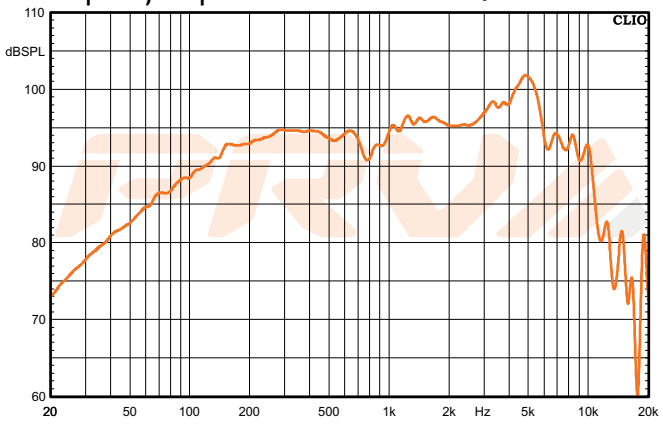
Equivalent Volume	Vas	21.82 l
Excursion	Xmax	3.25 mm
Free Air Resonance	Fs	58.7 Hz
Mechanical Factor	Qms	11.00
Electrical Factor	Qes	0.24
Total Factor	Qts	0.23
Cone Area	Sd	227 cm^2
Mechanical Mass	Mms	24.27 g
Bl Factor	Bl	11.49 Tm
Dc Resistance	Re	3.5 Ohms
Inductance	Le	0.079mH at 1 kHz
Mechanical Mass Without Air	Mmd	22.33 g
Mechanical Compliance	Cms	0.303 mm/N



EXTRA INFO

Overal Diameter	8.27" (210 mm)
Front Mount Baffle Cutout	7.28" (185 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)

Frequency Response Measured at 2.00 V/1m



**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

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