

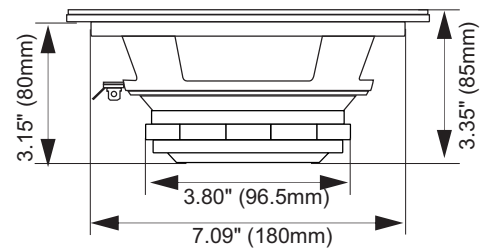
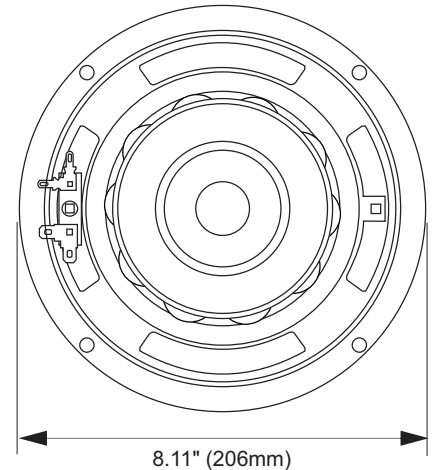
8MR500-NDY-4

Professional Midrange Driver

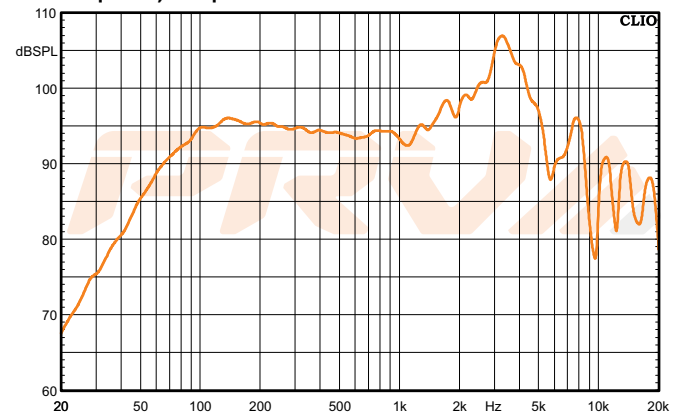


KEY FEATURES

- 1.5" Voice coil
- 250 Watts continuous power handling
- 96 dB Sensitivity
- Light weight Neodymium magnet



Frequency Response Measured at 2.00V/1m



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*	160 Hz*
<small>*For Full Power Handling</small>	<small>*12db Per Octave Crossover</small>
Frequency Response at -10dB	95- 9,000 Hz
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	14.37 l
Excursion (mathematical)***	Xmax	3.00 mm
Free Air Resonance	Fs	95.12 Hz
Mechanical Factor	Qms	15.60
Electrical Factor	Qes	0.81
Total Factor	Qts	0.77
Cone Area	Sd	241 cm ²
Mechanical Mass	Mms	15.75 g
Bl Factor	BL	6.54 Tm
Dc Resistance	Re	3.7 Ohms
Inductance	Le	0.19 mH at 1 kHz
Mechanical Mass Without Air	Mmd	13.60 g
Mechanical Compliance	Cms	0.178 mm/N

EXTRA INFO

Overall Diameter	8.11" (206 mm)
Front Mount Baffle Cutout	7.09" (182 mm)
Mounting Depth	3.37" (85 mm)
Overall Depth	3.15" (80 mm)
Net Weight	2.35 Lbs (1.06 kg)
Shipping Weight	2.77 Lbs (1.25 kg)
Carton Dimensions W x L x H	8.86" x 8.86" x 4.33" (225 x 225 x 110 mm)

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