

# 8MR400-NDY

Professional Midrange Driver



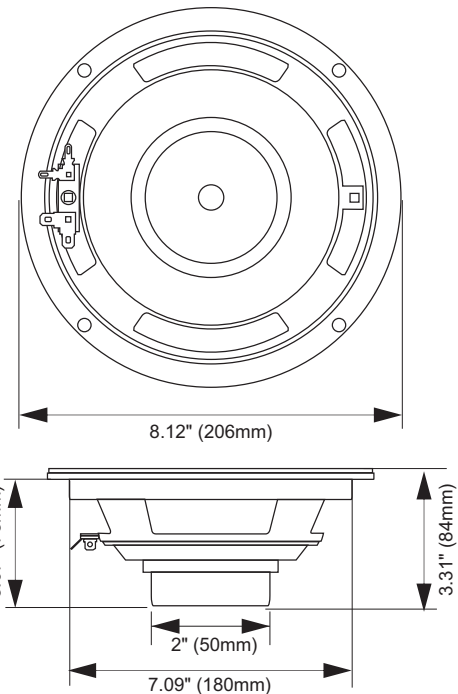
## KEY FEATURES

- 1.5" Voice Coil and Lightweight inside slug Neodymium magnet
- 200W Continuous power Handling
- Curvilinear shaped cone for high fidelity
- 94dB Sensitivity



## GENERAL SPECIFICATIONS

Nominal Diameter	8" (203 mm)
Nominal impedance	8 Ohms
<b>Rated Power Handling</b>	<b>200 Watts</b>
Program Power	400 Watts
<b>Sensitivity 2.83V at 1m</b>	<b>94 dB</b>
Recommended Hi Pass Crossover*	190 Hz*
<small>*For Full Power Handling</small>	<small>*12db Per Octave Crossover</small>
<b>Frequency Response at -10dB</b>	<b>115 - 8,500 Hz</b>
Voice Coil Diameter	1.5" (38 mm)
Voice Coil Wire	Aluminum
Voice Coil Winding Depth	12.0 mm
Former Material	Kapton
Magnetic Gap Depth	5.0 mm
Frame Material	Stamped Steel



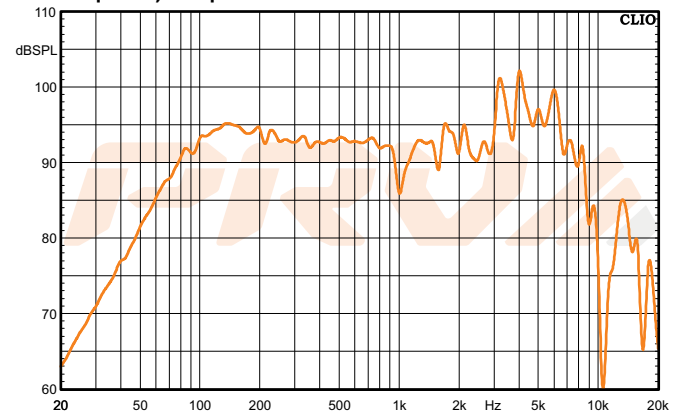
## THIELE-SMALL PARAMETERS

Equivalent Volume	Vas	6.40 l
Excursion (mathematical)***	Xmax	4.75 mm
Free Air Resonance	Fs	111.3 Hz
Mechanical Factor	Qms	7.75
Electrical Factor	Qes	1.17
Total Factor	Qts	1.01
Cone Area	Sd	241 cm <sup>2</sup>
Mechanical Mass	Mms	20.39 g
Bl Factor	BL	8.32 Tm
Dc Resistance	Re	5.7 Ohms
Inductance	Le	0.37 mH at 1 kHz
Mechanical Mass Without Air	Mmd	18.6 g
Mechanical Compliance	Cms	0.100 mm/N

## EXTRA INFO

Overall Diameter	8.12" (206 mm)
Front Mount Baffle Cutout	7.09" (180 mm)
Mounting Depth	3.07" (78 mm)
Overall Depth	3.31" (84 mm)
Net Weight	1.31 Lbs (0.59 kg)
Shipping Weight	1.78 Lbs (0.8 kg)
Carton Dimensions W x L x H	9" x 9" x 5" (228 x 225 x 127mm)

Frequency Response Measured at 2.83v/1m



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