

# 8MR400-NDY-4

Professional Mid Range Driver



## KEY FEATURES

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

Nominal Diameter 8" (203 mm)

Nominal impedance 4 ohms

**Rated Power Handling 200 Watts**

Program Power 400 Watts

**Sensitivity 2.00V at 1m 95 dB**

Recommended Hi Pass Crossover\* 190 Hz\*

\*For Full Power Handling \*12db Per Octave Crossover

**Frequency Response at -10dB 115 - 9,000 Hz**

Voice Coil Diameter 1.5" (38 mm)

Voice Coil Wire CCAW

Voice Coil Winding Depth 12.0 mm

Former Material Kapton

Magnetic Gap Depth 5.0 mm

Frame Material Stamped Steel

Equivalent Volume Vas 7.12 l

Excursion (mathematical)\*\*\* Xmax 4.75 mm

Free Air Resonance Fs 116.4 Hz

Mechanical Factor Qms 9.05

Electrical Factor Qes 1.36

Total Factor Qts 1.19

Cone Area Sd 241 cm<sup>2</sup>

Mechanical Mass Mms 21.18 g

Bl Factor BL 6.47 Tm

Dc Resistance Re 3.7 Ohms

Inductance Le 0.237 mH at 1

Mechanical Mass Without Air Mmd 19.1 g

Mechanical Compliance Cms 0.088 mm/N

Overall Diameter 8.12" (206 mm)

Front Mount Baffle Cutout 7.09" (180 mm)

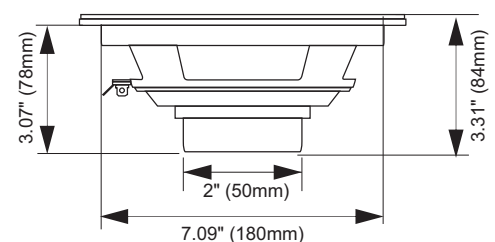
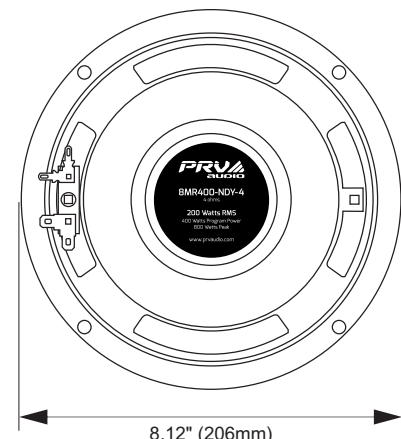
Mounting Depth 3.07" (78 mm)

Overall Depth 3.31" (84 mm)

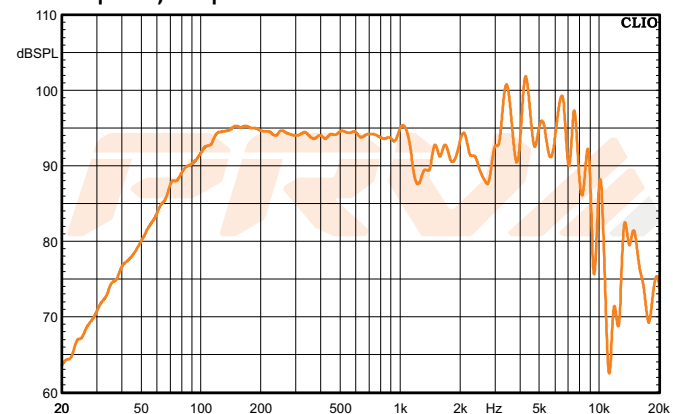
Net Weight 1.31 Lbs (0.59 kg)

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 2.00V/1m



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

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GENERAL SPECIFICATIONS

THIELE-SMALL PARAMETERS

EXTRA INFO