

# 12MR2000-NDY

Professional Mid Range Driver

**PRV**  
audio  
BRAZIL

## KEY FEATURES

- Large 4" Voice Coil
- 2000 Watts Continuous Program Power
- 98 dB Sensitivity
- 68 - 4,800 Hz of frequency response
- Lightweight Neodymium magnet

Nominal Diameter 12" (305 mm)

Nominal impedance 8 Ohm

**Nominal Power Handling 1000 Watts**

Continuous Program Power (RMS) 2000 Watts

Max Peak Power 4000 Watts

**Sensitivity 2.83V at 1m 98 dB**

Recommended Hi Pass Crossover\* 145 Hz\*

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

**Frequency Response 68 - 4,800 Hz**

Voice Coil Diameter 4" (101 mm)

Voice Coil Wire Copper

Voice Coil Winding Depth 16.8 mm

Former Material Glass Fiber

Magnetic Gap Depth 9.0 mm

Frame Material Die Cast Aluminum

Equivalent Volume Vas 48.16 l

Excursion (mathematical)\*\*\* Xmax 6.15 mm

Free Air Resonance Fs 54.48 Hz

Mechanical Factor Qms 17.61

Electrical Factor Qes 0.35

Total Factor Qts 0.34

Cone Area Sd 573 cm<sup>2</sup>

Mechanical Mass Mms 81.11 g

Bl Factor Bl 22.77 Tm

Dc Resistance Re 6.6 Ohm

Inductance Le 0.69 mH at 1 kHz

Mechanical Mass Without Air Mmd 73.35 g

Mechanical Compliance Cms 0.105 mm/N

Overall Diameter 12.32" (313 mm)

Front Mount Baffle Cutout 11.12" (282.5 mm)

Mounting Depth 5.51" (140 mm)

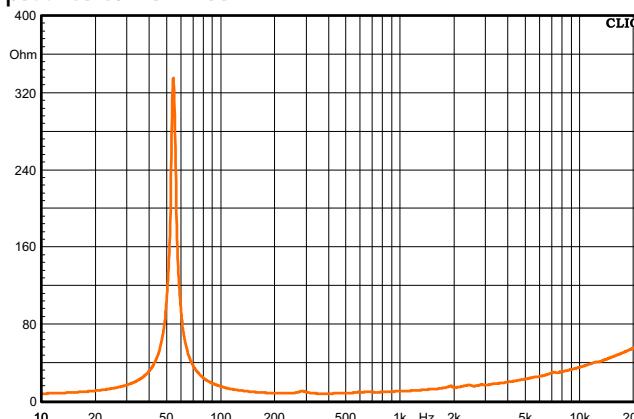
Overall Depth 5.94" (151 mm)

Net Weight 13.93 Lb (6.32 kg)

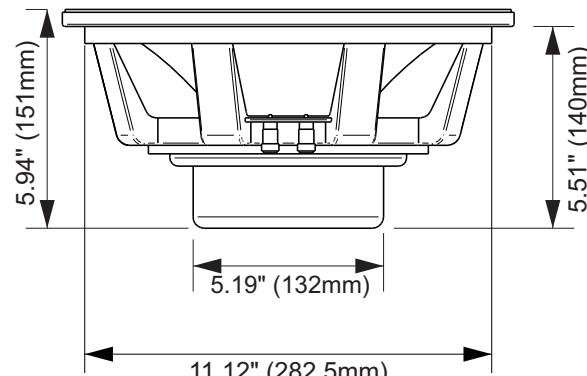
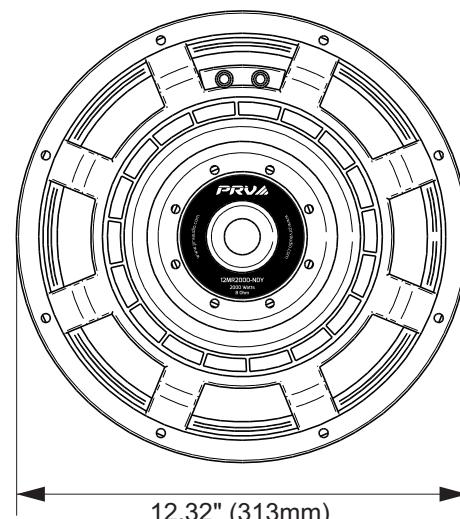
Shipping Weight 18.27 Lb (8.29 kg)

Carton Dimensions W x L x H 14.3" x 14.3" x 8.1"  
(363 x 363 x 205 mm)

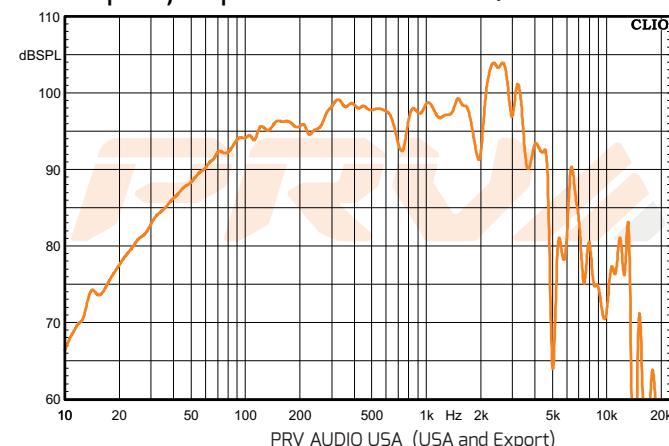
## Impedance Curve - Free Air



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



## Frequency Response Measured at 2.83V/1m



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