

# 10MR2000-NDY

Professional Mid Range Driver



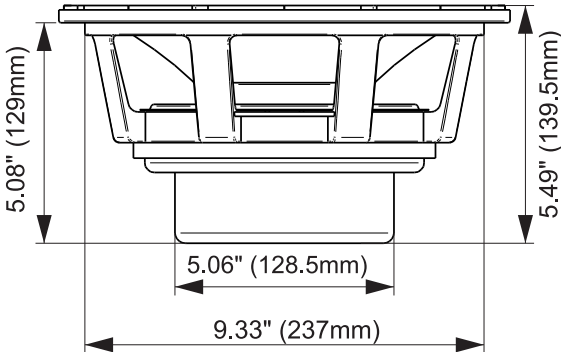
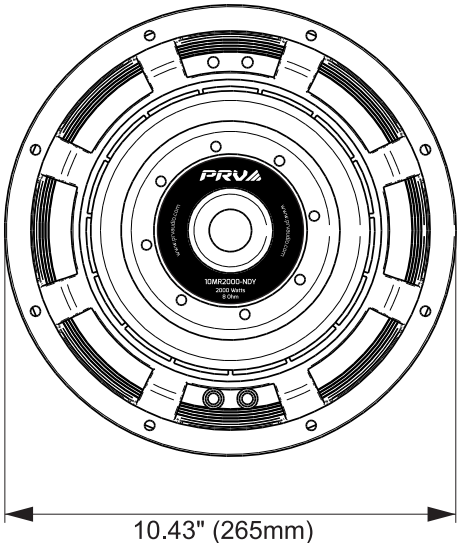
KEY FEATURES

- Large 4" Voice Coil
- 2000 Watts Continuous Program Power
- 99 dB Sensitivity
- 90 - 6,500 Hz of frequency response
- Lightweight Neodymium magnet

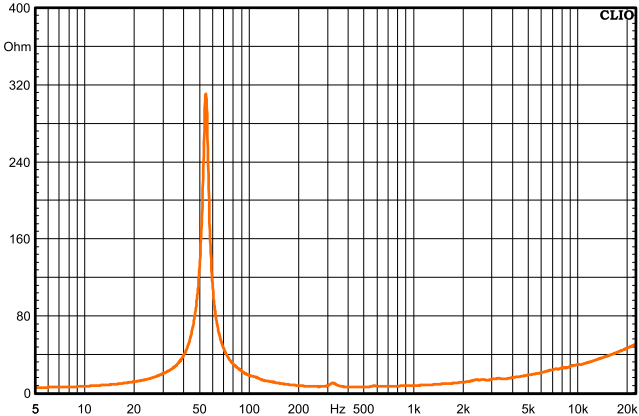
|                                |                            |
|--------------------------------|----------------------------|
| Nominal Diameter               | 10" (254 mm)               |
| Nominal impedance              | 8 Ohm                      |
| Nominal Power Handling         | 1000 Watts                 |
| Continuous Program Power (RMS) | 2000 Watts                 |
| Max Peak Power                 | 4000 Watts                 |
| Sensitivity 2.83V at 1m        | 99 dB                      |
| Recommended Hi Pass Crossover* | 160 Hz*                    |
| *For Full Power Handling       | *12db Per Octave Crossover |
| Frequency Response             | 90 - 6,500 Hz              |
| Voice Coil Diameter            | 4" (101 mm)                |
| Voice Coil Wire                | Copper                     |
| Voice Coil Winding Depth       | 18.8 mm                    |
| Former Material                | Glass Fiber                |
| Magnetic Gap Depth             | 9.0 mm                     |
| Frame Material                 | Die Cast Aluminum          |

|                             |      |                     |
|-----------------------------|------|---------------------|
| Equivalent Volume           | Vas  | 27.98 l             |
| Excursion (mathematical)*** | Xmax | 7.15 mm             |
| Free Air Resonance          | Fs   | 54.48 Hz            |
| Mechanical Factor           | Qms  | 1.54                |
| Electrical Factor           | Qes  | 0.21                |
| Total Factor                | Qts  | 0.21                |
| Cone Area                   | Sd   | 373 cm <sup>2</sup> |
| Mechanical Mass             | Mms  | 59.33 g             |
| Bl Factor                   | BL   | 21.73 Tm            |
| Dc Resistance               | Re   | 5.0 Ohm             |
| Inductance                  | Le   | 0.50 mH at 1 kHz    |
| Mechanical Mass Without Air | Mmd  | 35.96 g             |
| Mechanical Compliance       | Cms  | 0.143 mm/N          |

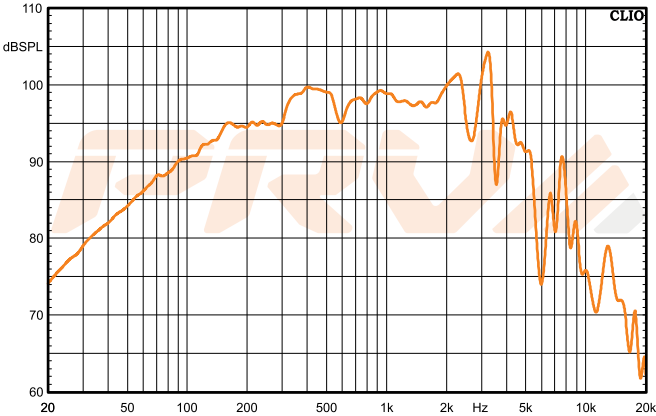
|                             |                                        |
|-----------------------------|----------------------------------------|
| Overall Diameter            | 10.43" (265 mm)                        |
| Front Mount Baffle Cutout   | 9.33" (237 mm)                         |
| Mounting Depth              | 5.08" (129 mm)                         |
| Overall Depth               | 5.49" (139.5 mm)                       |
| Net Weight                  | 12.78 Lb (5.8 kg)                      |
| Shipping Weight             | 14.55 Lb (6;6 kg)                      |
| Carton Dimensions W x L x H | 13" x 13" x 8"<br>(330 x 330 x 203 mm) |



Impedance Curve - Free Air



Frequency Response Measured at 2.83V/1m



\*\*Xmax=(Voice coil winding depth-Magnetic Gap depth)/2+ Magnetic Gap Depth/4  
\*\*\* T-S parameters measured after 2 hours at 1/2 Rated power, pink noise preconditioning test

PRV AUDIO USA (USA and Export)  
POMPANO BEACH, FL  
support@prvaudio.com  
www.prvaudio.com