

# 8MB500v2-NDY

Professional Mid bass Driver



## KEY FEATURES

- Light weight Neodymium magnet assembly
- 250 Watts continuous power handling
- 95 dB Sensitivity
- 75 - 7,500 Hz

Nominal Diameter 8" (203 mm)

Nominal impedance 8 ohms

**Rated Power Handling 250 Watts**

Program Power 500 Watts

**Sensitivity 2.83V at 1m 95 dB**

Recommended Hi Pass Crossover\* 120 Hz\*

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

**Frequency Response at -10dB 75 - 7,500 Hz**

Voice Coil Diameter 2" (50 mm)

Voice Coil Wire Cooper

Voice Coil Winding Depth 12.0 mm

Former Material Kapton

Magnetic Gap Depth 5.0 mm

Frame Material Stamped Steel

Equivalent Volume Vas 16.14 l

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

Free Air Resonance Fs 71.42 Hz

Mechanical Factor Qms 5.76

Electrical Factor Qes 0.47

Total Factor Qts 0.43

Cone Area Sd 235 cm<sup>2</sup>

Mechanical Mass Mms 23.72 g

Bl Factor BL 11.6 Tm

Dc Resistance Re 5.9 Ohms

Inductance Le 0.44 mH at 1 kHz

Mechanical Mass Without Air Mmd 21.68g

Mechanical Compliance Cms 0.209 mm/N

Overall Diameter 8.23" (209 mm)

Front Mount Baffle Cutout 7.05" (179 mm)

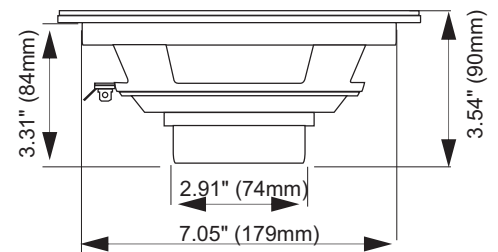
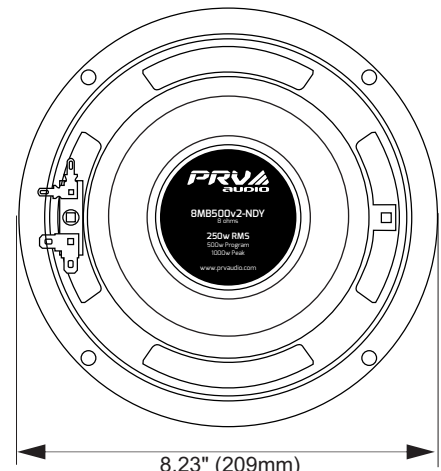
Mounting Depth 3.31" (84 mm)

Overall Depth 3.54" (90 mm)

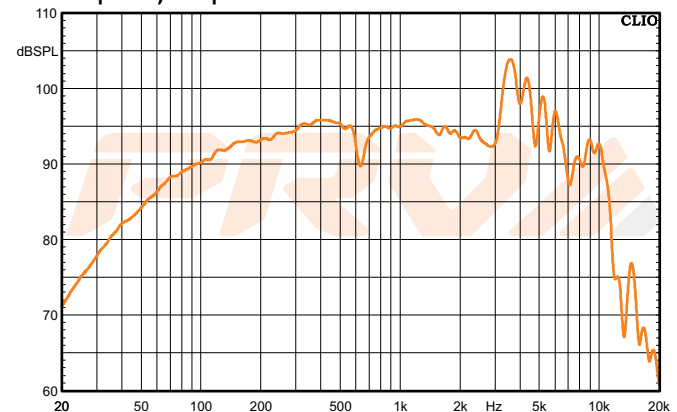
Net Weight 2.36 Lbs (1.07 kg)

Shipping Weight 2.82 Lbs (1.28 kg)

Carton Dimensions W x L x H 9.05" x 9.05" x 4.7" (230 x 230 x 120mm)



Frequency Response Measured at 2.83V/1m



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

GENERAL SPECIFICATIONS

THIELE-SMALL PARAMETERS

EXTRA INFO