

6MR500-NDY-4

Professional Midrange Driver

PRV
audio
BRAZIL

KEY FEATURES

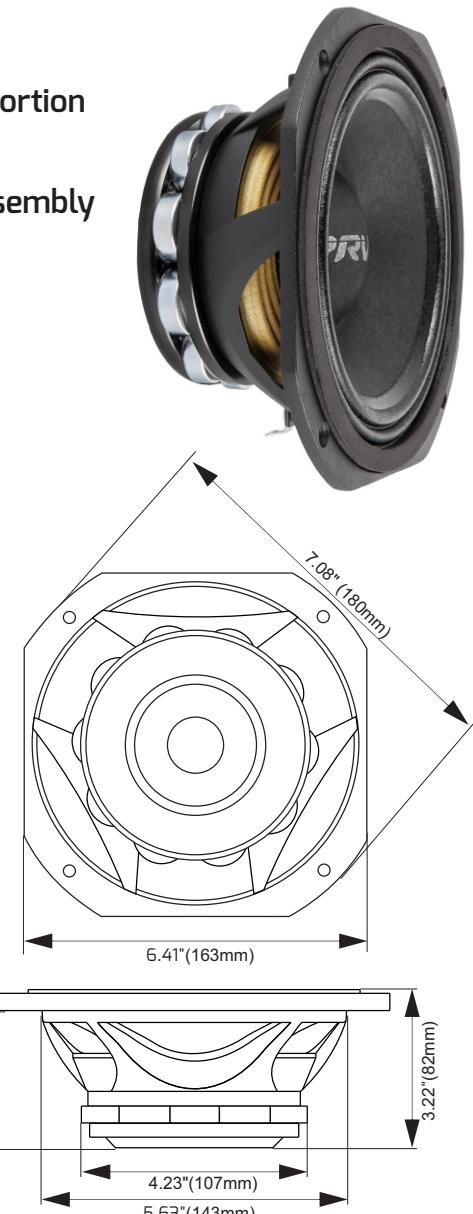
- Special pole piece design for best High Freq. performance and low distortion
- Suitable for line array applications, space efficient octagonal basket
- Lightweight design combined with a high efficient neodymium slug assembly
- Sturdy cast aluminum basket to minimize acoustic distortion

Nominal Diameter	6" (152 mm)
Nominal impedance	4 ohms
Rated Power Handling	250 Watts
Program Power	500 Watts
Sensitivity 2.00V at 1m	96 dB
Recommended Hi Pass Crossover*	220 Hz*
*For Full Power Handling	
*24db Per Octave Crossover	
Frequency Response at -10dB	90- 13,000 Hz
Voice Coil Diameter	2" (50mm)
Voice Coil Wire	CCAW
Voice Coil Winding Depth	11.2 mm
Former Material	Kapton
Magnetic Gap Depth	5.5 mm
Frame Material	Die Cast Aluminum

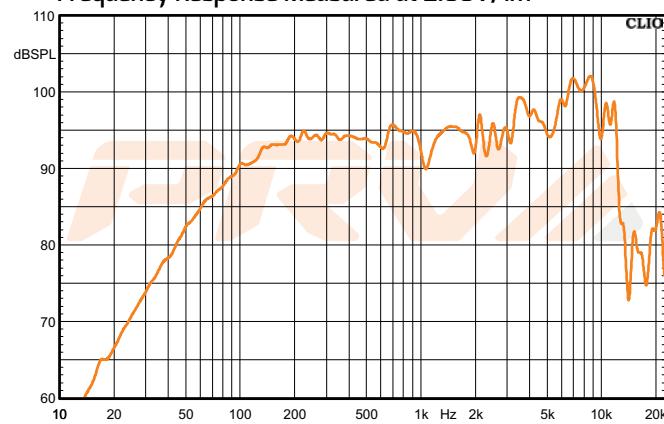
Equivalent Volume	V _{as}	5.14 l
Excursion (mathematical)***	X _{max}	4.42 mm
Free Air Resonance	F _s	99.8 Hz
Mechanical Factor	Q _{ms}	23.1
Electrical Factor	Q _{es}	0.47
Total Factor	Q _{ts}	0.43
Cone Area	S _d	143 cm ²
Mechanical Mass	M _{ms}	14.14 g
Bl Factor	Bl	8.77 Tm
Dc Resistance	R _e	3.8 Ohms
Inductance	L _e	0.05 mH at 1 kHz
Mechanical Mass Without Air	M _{mrd}	13.17 g
Mechanical Compliance	C _{ms}	0.180 mm/N

Overall Diameter	7.08" (180 mm)
Front Mount Baffle Cutout	5.63" (143 mm)
Mounting Depth	2.91" (74 mm)
Overall Depth	3.22" (82 mm)
Net Weight	3.34 Lbs (1.51 kg)
Shipping Weight	3.64 Lbs (1.65 kg)
Carton Dimensions W x L x H	7.09" x 7.09" x 4.37" (155 x 155 x 95mm)

***X_{max}=(Voice coil winding depth-Magnetic Gap depth)/2 Magnetic Gap Depth/4



Frequency Response Measured at 2.00V/1m



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