

5MR450-NDY

Professional Mid Range Driver



KEY FEATURES

- 160 - 16,000 Hz
- 450 Watts continuous program power
- Lightweight high-efficiency neodymium slug assembly
- Suitable for line arrays applications



GENERAL SPECIFICATIONS

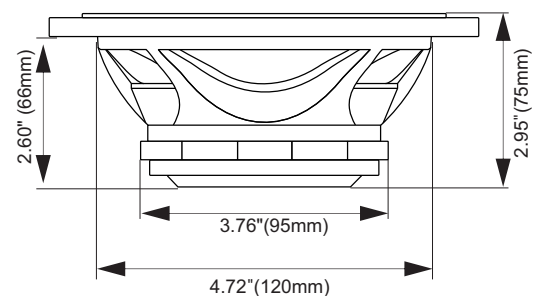
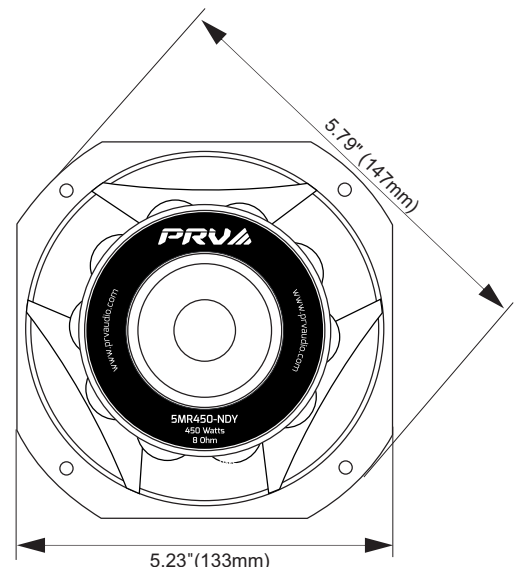
Nominal Diameter	5" (127 mm)
Nominal impedance	8 Ohm
Nominal Power Handling	225 Watts
Continuous Program Power (RMS)	450 Watts
Max Peak Power	900 Watts
Sensitivity 2.83V at 1m	94 dB
Recommended Hi Pass Crossover*	290 Hz*
<small>*For Full Power Handling</small>	<small>*12db Per Octave Crossover</small>
Frequency Response	160 - 16,000 Hz
Voice Coil Diameter	1.5" (38.1 mm)
Voice Coil Wire	Copper
Voice Coil Winding Depth	9.8 mm
Former Material	Kapton
Magnetic Gap Depth	5.8 mm
Frame Material	Die Cast Aluminum

THIELE-SMALL PARAMETERS

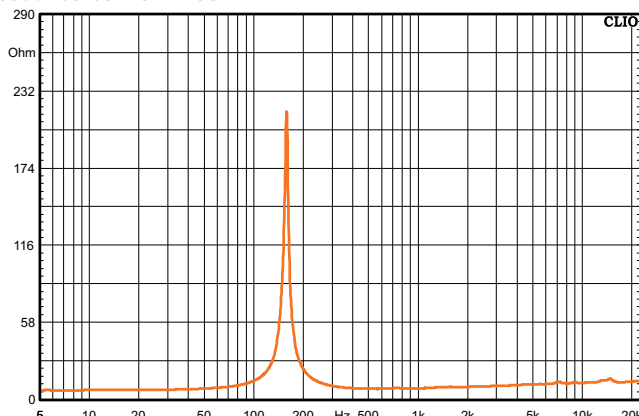
Equivalent Volume	Vas	1.47 l
Excursion (mathematical)***	Xmax	3.45 mm
Free Air Resonance	Fs	159.0 Hz
Mechanical Factor	Qms	22.26
Electrical Factor	Qes	0.66
Total Factor	Qts	0.64
Cone Area	Sd	95 cm ²
Mechanical Mass	Mms	8.60 g
Bl Factor	Bl	9.42 Tm
Dc Resistance	Re	6.9 Ohm
Inductance	Le	0.03 mH at 1 kHz
Mechanical Mass Without Air	Mmd	8.07 g
Mechanical Compliance	Cms	0.116 mm/N

EXTRA INFO

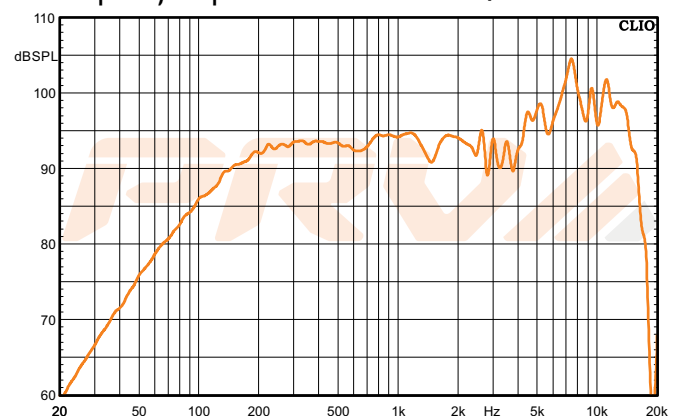
Overall Diameter	5.79" (147 mm)
Front Mount Baffle Cutout	4.72" (120 mm)
Mounting Depth	2.60" (66 mm)
Overall Depth	2.95" (75 mm)
Net Weight	2.65 Lbs (1.2 kg)
Shipping Weight	2.85 Lbs (1.3 kg)
Carton Dimensions W x L x H	6.1" x 6.1" x 3.7" (155 x 155 x 95 mm)



Impedance Curve - Free Air



Frequency Response Measured at 2.83V/1m



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

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