

8MR450A

Professional Mid Range Driver



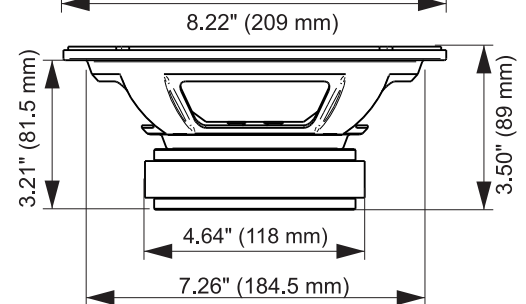
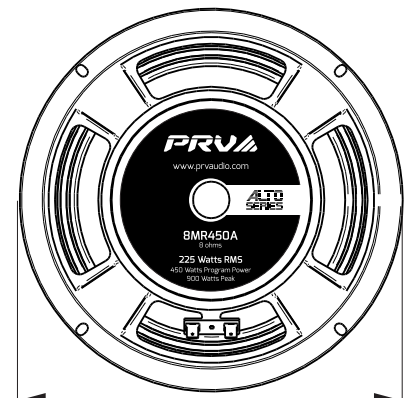
KEY FEATURES

- 1.5" Voice Coil
- 225 Watts continuous power handling
- 96 dB Sensitivity
- 80 - 9,500 Hz



GENERAL SPECIFICATIONS

Nominal Diameter	8" (203 mm)
Nominal impedance	8 ohms
Rated Power Handling	225 Watts
Program Power	450 Watts
Sensitivity 2.83V at 1m	96 dB
Recommended Hi Pass Crossover*	140 Hz*
<small>*For Full Power Handling</small>	<small>*12db Per Octave Crossover</small>
Frequency Response	80 - 9,500 Hz
Voice Coil Diameter	1.5" (38 mm)
Voice Coil Wire	CCAW
Voice Coil Winding Depth	11.0 mm
Former Material	Kapton
Magnetic Gap Depth	6.0 mm
Frame Material	Stamped Steel



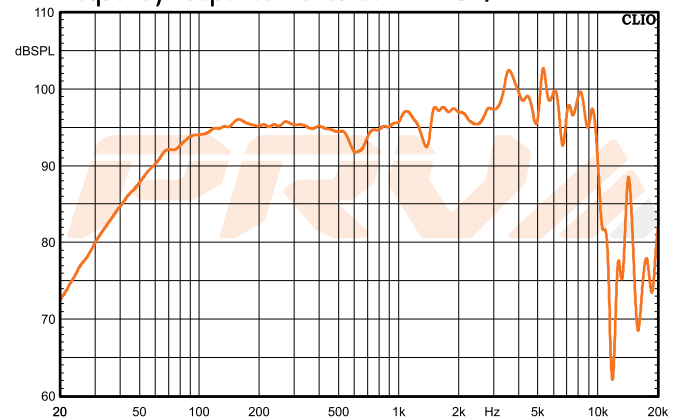
THIELE-SMALL PARAMETERS

Equivalent Volume	Vas	34.86 l
Excursion (mathematical)***	Xmax	4.00 mm
Free Air Resonance	Fs	65.26 Hz
Mechanical Factor	Qms	15.19
Electrical Factor	Qes	0.57
Total Factor	Qts	0.55
Cone Area	Sd	241 cm ²
Mechanical Mass	Mms	13.78 g
Bl Factor	BL	7.58 Tm
Dc Resistance	Re	5.8 Ohms
Inductance	Le	0.257 mH at 1
Mechanical Mass Without Air	Mmd	11.67 g
Mechanical Compliance	Cms	0.432 mm/N

EXTRA INFO

Overall Diameter	8.22" (209 mm)
Front Mount Baffle Cutout	7.26" (184.5 mm)
Mounting Depth	3.21" (81.5 mm)
Overall Depth	3.50" (89 mm)
Net Weight	4.63 Lbs (2.1 kg)
Shipping Weight	5.07 Lbs (2.3 kg)
Carton Dimensions W x L x H	8.66" x 8.66" x 4.17" (220 x 220 x 106mm)

Frequency Response Measured at 2.83V/1m



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

*** T-S parameters measured after 2 hours at 1/2 Rated power, pink noise preconditioning test

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