

# 8MR450A

Professional Mid Range Driver



KEY FEATURES

- 1.5" Voice coil
- 450 Watts continuous program power
- 96 dB Sensitivity
- 80 - 9,500 Hz

GENERAL SPECIFICATIONS

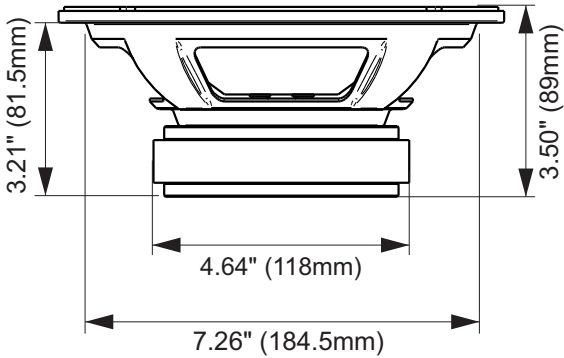
Nominal Diameter	8" (203 mm)
Nominal impedance	8 Ohm
Nominal Power Handling	225 Watts
Continuous Program Power (RMS)	450 Watts
Max Peak Power	900 Watts
Sensitivity 2.83V at 1m	96 dB
Recommended Hi Pass Crossover*	140 Hz*
*For Full Power Handling	*12db Per Octave Crossover
Frequency Response	80 - 9,500 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

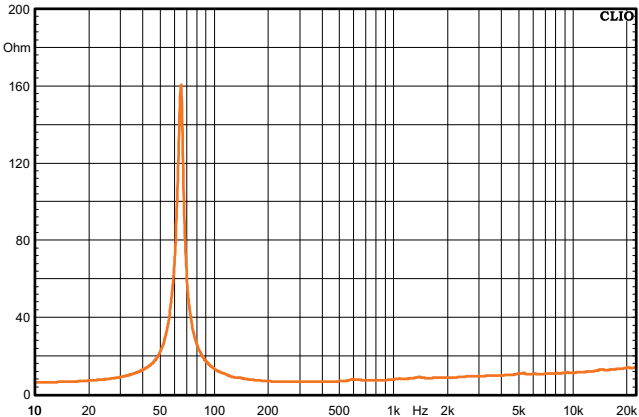
Equivalent Volume	Vas	34.86 l
Excursion (mathematical)***	Xmax	4.00 mm
Free Air Resonance	Fs	65.26 Hz
Mechanical Factor	Qms	15.19
Electrical Factor	Qes	0.57
Total Factor	Qts	0.55
Cone Area	Sd	241 cm <sup>2</sup>
Mechanical Mass	Mms	13.78 g
Bl Factor	BL	7.58 Tm
Dc Resistance	Re	5.8 Ohm
Inductance	Le	0.257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

EXTRA INFO

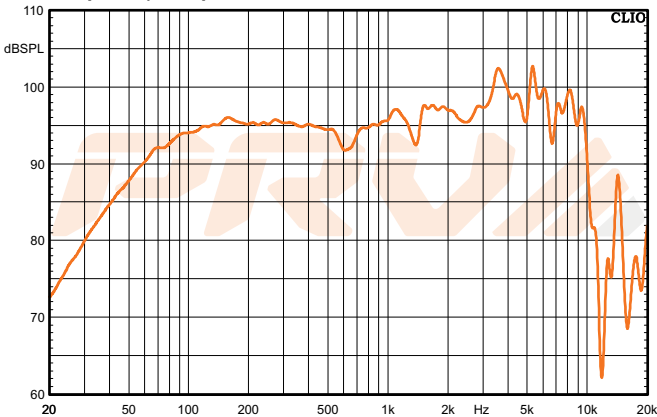
Overall Diameter	8.22" (209 mm)
Front Mount Baffle Cutout	7.26" (184.5 mm)
Mounting Depth	3.21" (81.5 mm)
Overall Depth	3.50" (89 mm)
Net Weight	4.63 Lbs (2.1 kg)
Shipping Weight	5.07 Lbs (2.3 kg)
Carton Dimensions W x L x H	8.66" x 8.66" x 4.17" (220 x 220 x 106 mm)



Impedance Curve - Free Air



Frequency Response Measured at 2.83V/1m



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

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