

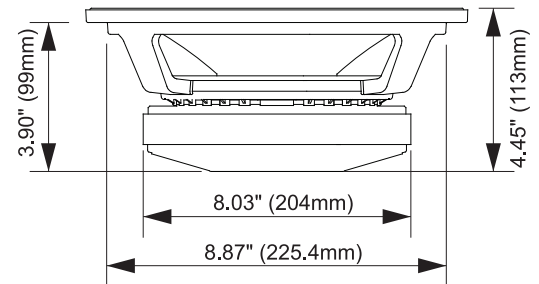
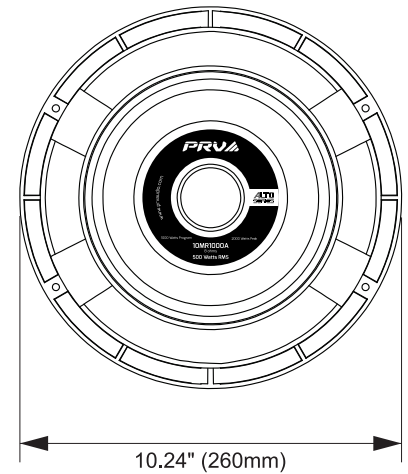
# 10MR1000A

Professional Mid Range Driver



## KEY FEATURES

- 75 - 6,500 Hz Response Frequency
- 500 Watts continuous power handling
- 101 dB Sensitivity



GENERAL SPECIFICATIONS

Nominal Diameter	10" (254 mm)
Nominal impedance	8 ohms
<b>Rated AES Power Handling (RMS)</b>	<b>500 Watts</b>
Program Power	1000 Watts
<b>Sensitivity 2.83V at 1m</b>	<b>101 dB</b>
Recommended (HPF) High Pass Crossover*	150 Hz* BT12
<small>*For Full Power Handling</small>	<small>*12db Per Octave Butterworth Crossover</small>
<b>Frequency Response at -10dB</b>	<b>75 - 6,500 Hz</b>
Voice Coil Diameter	3" (75 mm)
Voice Coil Wire	CCAW
Voice Coil Winding Depth	13.8 mm
Former Material	Kapton
Magnetic Gap Depth	8.60 mm
Frame Material	Die cast aluminum

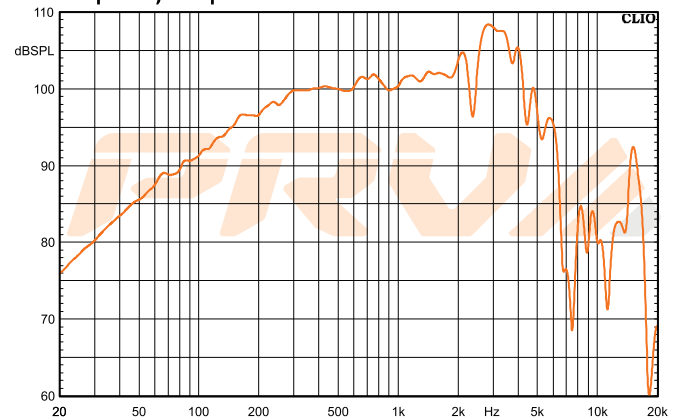
THIELE-SMALL PARAMETERS

Equivalent Volume	Vas	33.6 l
Excursion (mathematical)***	Xmax	4.75 mm
Free Air Resonance	Fs	66.1Hz
Mechanical Factor	Qms	6.77
Electrical Factor	Qes	0.18
Total Factor	Qts	0.17
Cone Area	Sd	330 cm <sup>2</sup>
Mechanical Mass	Mms	26.24 g
Bl Factor	BL	17.88 Tm
Dc Resistance	Re	5.3 Ohms
Inductance	Le	0.12 mH at 1 kHz
Mechanical Mass Without Air	Mmd	22.85 g
Mechanical Compliance	Cms	0.221 mm/N

EXTRA INFO

Overall Diameter	10.24" (260 mm)
Front Mount Baffle Cutout	8.87" (225.4 mm)
Mounting Depth	3.90" (99 mm)
Overall Depth	4.45" (113 mm)
Net Weight	19.96 Lbs (8.6 kg)
Shipping Weight	20.06 Lbs (9.1 kg)
Carton Dimensions W x L x H	10.61" x 10.61" x 5.51" (270 x 270 x 140mm)

Frequency Response Measured at 2.83V/1m



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