

12MR800A

Professional Mid Range Driver



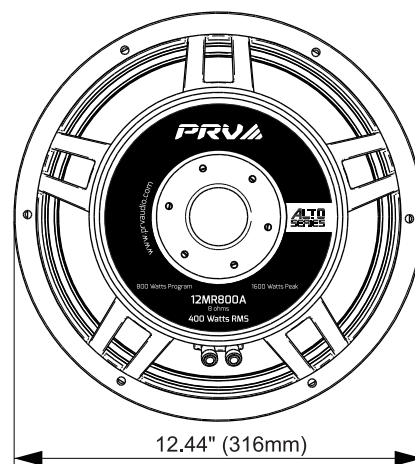
KEY FEATURES

- 3" Voice coil
- 400 Watts continuous power handling
- 101 dB Sensitivity
- 95 - 6,000 Hz



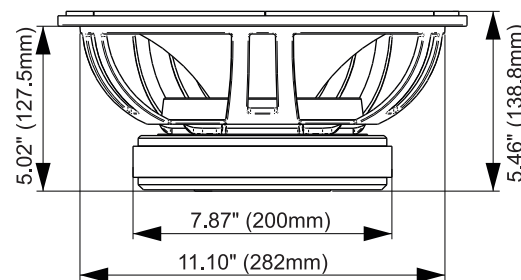
GENERAL SPECIFICATIONS

Nominal Diameter	12" (310 mm)
Nominal impedance	8 Ohms
Rated Power Handling	400 Watts
Program Power	800 Watts
Sensitivity 2.83V at 1m	101 dB
Recommended Hi Pass Crossover*	140 Hz*
<small>*For Full Power Handling</small>	<small>*12db Per Octave Crossover</small>
Frequency Response at -10dB	95 - 6,000 Hz
Voice Coil Diameter	3" (76 mm)
Voice Coil Wire	CCAW
Voice Coil Winding Depth	15.0 mm
Former Material	Glass Fiber
Magnetic Gap Depth	6.95 mm
Frame Material	Die cast Aluminum



THIELE-SMALL PARAMETERS

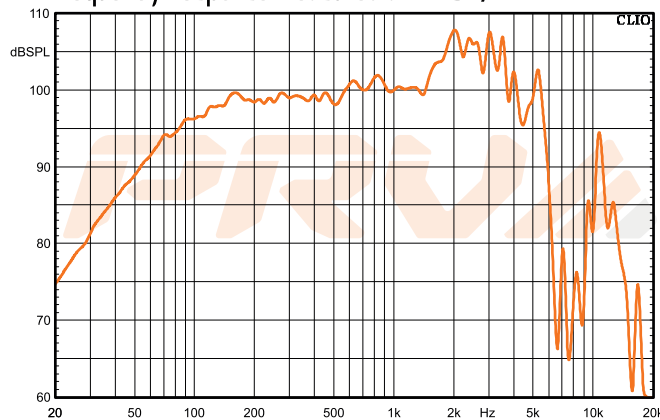
Equivalent Volume	Vas	28.19 l
Excursion (mathematical)***	Xmax	5.76 mm
Free Air Resonance	Fs	84.56 Hz
Mechanical Factor	Qms	13.04
Electrical Factor	Qes	0.55
Total Factor	Qts	0.53
Cone Area	Sd	573 cm ²
Mechanical Mass	Mms	56.18 g
Bl Factor	BL	16.67 Tm
Dc Resistance	Re	5.1 Ohms
Inductance	Le	0.19 mH at 1 kHz
Mechanical Mass Without Air	Mmd	48.42 g
Mechanical Compliance	Cms	0.061 mm/N



EXTRA INFO

Overall Diameter	12.44" (316 mm)
Front Mount Baffle Cutout	11.10" (282 mm)
Mounting Depth	5.02" (127.5 mm)
Overall Depth	5.46" (138.8 mm)
Net Weight	17.48 Lbs (7.93 kg)
Shipping Weight	19.69 Lbs (8.93 kg)
Carton Dimensions W x L x H	14.57" x 14.57" x 7.28" (370 x 370 x 185mm)

Frequency Response Measured at 2.83V/1m



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