

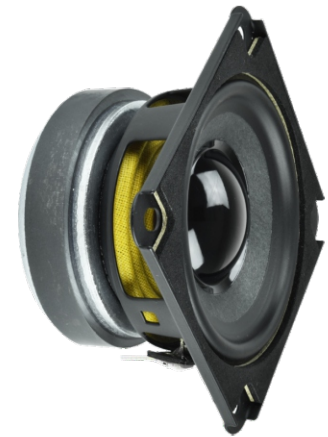
3MR50

Professional Mid Range Driver



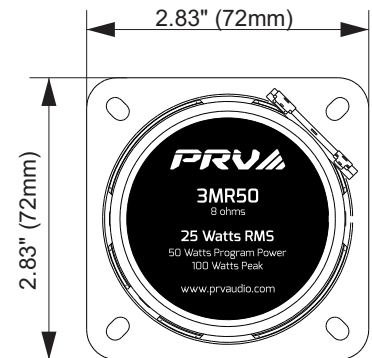
KEY FEATURES

- 3/4" Voice Coil
- 25 Watts continuous power handling
- 86 dB Sensitivity
- 220 - 19,000 Hz



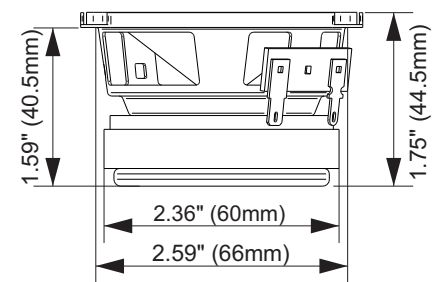
GENERAL SPECIFICATIONS

Nominal Diameter	3" (75 mm)
Nominal impedance	8 ohms
Rated Power Handling	25 Watts
Program Power	50 Watts
Sensitivity 2.83V at 1m	86 dB
Recommended Hi Pass Crossover*	250 Hz*
<small>*For Full Power Handling</small>	<small>*12db Per Octave Crossover</small>
Frequency Response	220 - 19,000 Hz
Voice Coil Diameter	0.75" (19 mm)
Voice Coil Wire	Copper
Voice Coil Winding Depth	6.60 mm
Former Material	Nomex
Magnetic Gap Depth	4.0 mm
Frame Material	Stamped Steel



THIELE-SMALL PARAMETERS

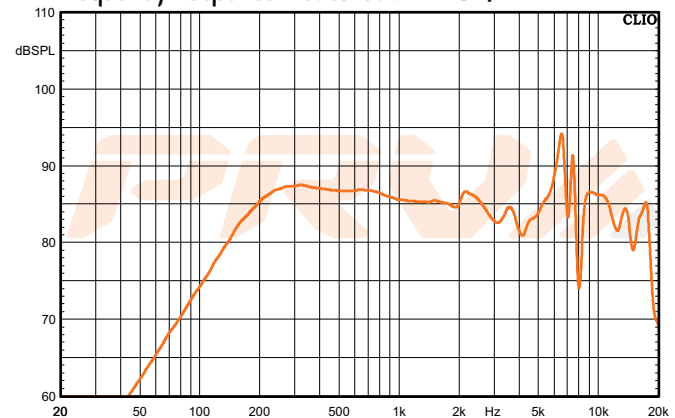
Equivalent Volume	Vas	0.286 l
Excursion (mathematical)***	Xmax	2.30 mm
Free Air Resonance	Fs	211.0 Hz
Mechanical Factor	Qms	4.15
Electrical Factor	Qes	1.12
Total Factor	Qts	0.88
Cone Area	Sd	28.3 cm ²
Mechanical Mass	Mms	2.21 g
Bl Factor	Bl	3.84 Tm
Dc Resistance	Re	5.6 Ohms
Inductance	Le	0.152 mH at 1 kHz
Mechanical Mass Without Air	Mmd	2.13 g
Mechanical Compliance	Cms	0.256 mm/N



EXTRA INFO

Overall Size	2.83" (72 mm)
Front Mount Baffle Cutout	2.59" (66 mm)
Mounting Depth	1.59" (40.5 mm)
Overall Depth	1.75" (44.5 mm)
Net Weight	0.72 Lbs (0.33 kg)
Shipping Weight	0.77 Lbs (0.35 kg)
Carton Dimensions W x L x H	3.23" x 3.23" x 2.16" (82 x 82 x 55mm)

Frequency Response Measured at 2.83V/1m



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**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