

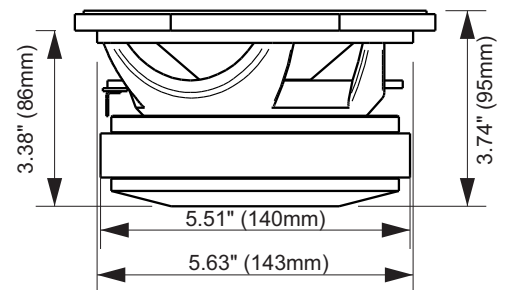
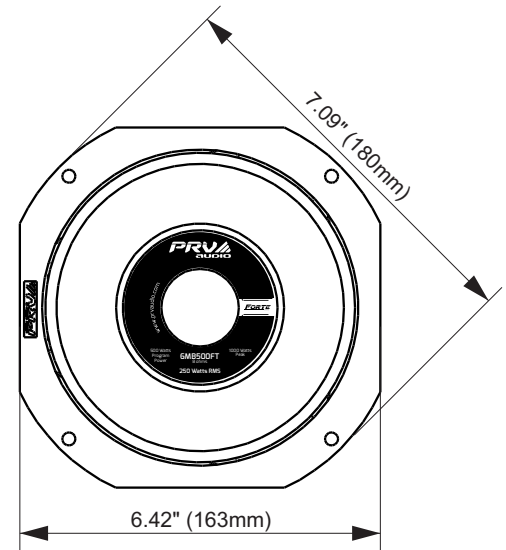
# 6MB500FT

## Professional Mid Bass Driver

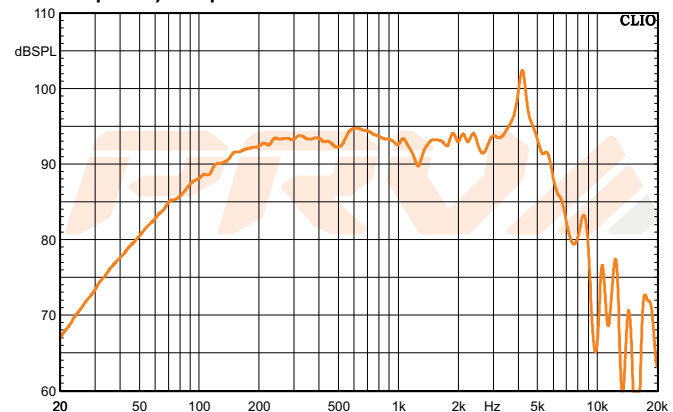


### KEY FEATURES

- 2" Voice coil
- 250 Watts continuous power handling
- 94 dB Sensitivity
- 110 - 6,500 Hz



Frequency Response Measured at 2.83V/1m



### GENERAL SPECIFICATIONS

Nominal Diameter	6" (152mm)
Nominal impedance	8 ohms
<b>Rated Power Handling</b>	<b>250 Watts</b>
Program Power	500 Watts
<b>Sensitivity 2.83V at 1m</b>	<b>94 dB</b>
Recommended Hi Pass Crossover*	120 Hz*
<small>*For Full Power Handling</small>	<small>*12db Per Octave Crossover</small>
<b>Frequency Response at -10dB</b>	<b>110 - 6,500 Hz</b>
Voice Coil Diameter	2" (50 mm)
Voice Coil Wire	CCAW
Voice Coil Winding Depth	14.3 mm
Former Material	Kapton
Magnetic Gap Depth	6.5 mm
Frame Material	Die cast aluminum

### THIELE-SMALL PARAMETERS

Equivalent Volume	Vas	4.52 l
Excursion (mathematical)***	Xmax	5.52 mm
Free Air Resonance	Fs	106.79 Hz
Mechanical Factor	Qms	13.07
Electrical Factor	Qes	0.55
Total Factor	Qts	0.53
Cone Area	Sd	150 cm <sup>2</sup>
Mechanical Mass	Mms	15.34 g
Bl Factor	BL	9.84 Tm
Dc Resistance	Re	5.2 Ohms
Inductance	Le	0.46 mH at 1 kHz
Mechanical Mass Without Air	Mmd	14.02 g
Mechanical Compliance	Cms	0.144 mm/N

### EXTRA INFO

Overall Diameter	7.09" (180 mm)
Front Mount Baffle Cutout	5.63" (143 mm)
Mounting Depth	3.38" (86 mm)
Overall Depth	3.74" (95 mm)
Net Weight	7.19 Lbs (3.26 kg)
Shipping Weight	7.93 Lbs (3.60 kg)
Carton Dimensions W x L x H	6.69" x 6.69" x 4.52" (170 x 170 x 115mm)

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