

# 6MB550FT

## Professional Mid Bass Driver



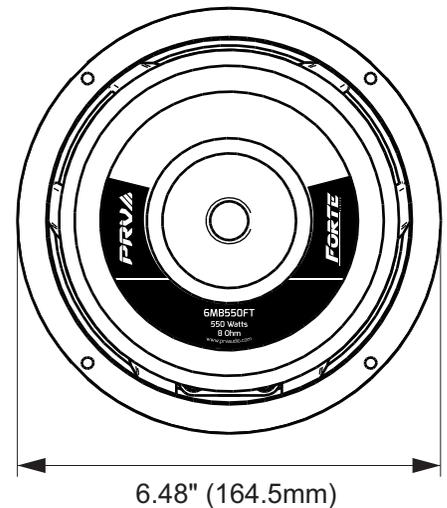
### KEY FEATURES

- 275 Watts nominal power handling
- 94.5 dB Sensitivity
- 85 - 7,500 Hz of frequency response



GENERAL SPECIFICATIONS

Nominal Diameter	6" (152 mm)
Nominal impedance	8 Ohm
<b>Nominal Power Handling</b>	<b>275 Watts</b>
Continuous Program Power (RMS)	550 Watts
Max Peak Power	1100 Watts
<b>Sensitivity 2.83V at 1m</b>	<b>94.5 dB</b>
Recommended High Pass Filter*	95 Hz*
<small>*For Full Power Handling</small>	<small>*12db Per Octave Crossover</small>
<b>Frequency Response at -10dB</b>	<b>85 - 7,500 Hz</b>
Voice Coil Diameter	2" (51 mm)
Voice Coil Wire	CCAW
Voice Coil Winding Depth	14.8 mm
Former Material	Kapton
Magnetic Gap Depth	8.0 mm
Frame Material	Die cast Aluminum

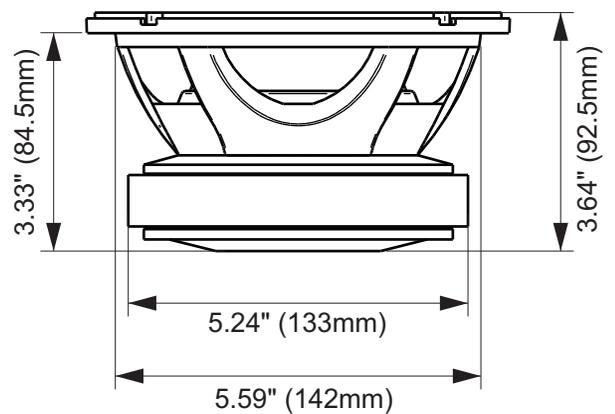


THIELE-SMALL PARAMETERS

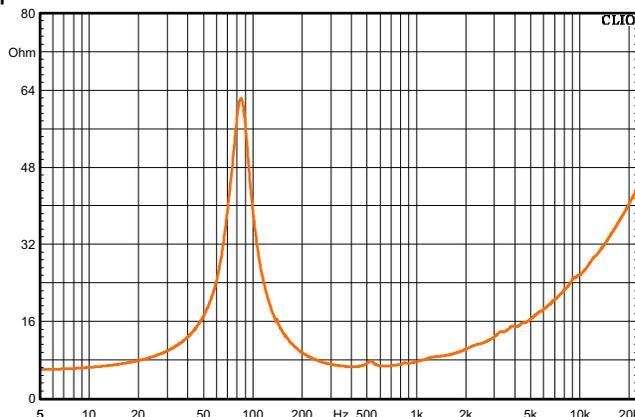
Equivalent Volume	Vas	8.23 l
Excursion	Xmax	5.40 mm
Free Air Resonance	Fs	84.9 Hz
Mechanical Factor	Qms	3.83
Electrical Factor	Qes	0.38
Total Factor	Qts	0.34
Cone Area	Sd	143 cm <sup>2</sup>
Mechanical Mass	Mms	12.1 g
Bl Factor	Bl	9.77 Tm
Dc Resistance	Re	5.6 Ohm
Inductance	Le	0.424mH at 1 kHz
Mechanical Mass Without Air	Mmd	11.1 g
Mechanical Compliance	Cms	0.291 mm/N

EXTRA INFO

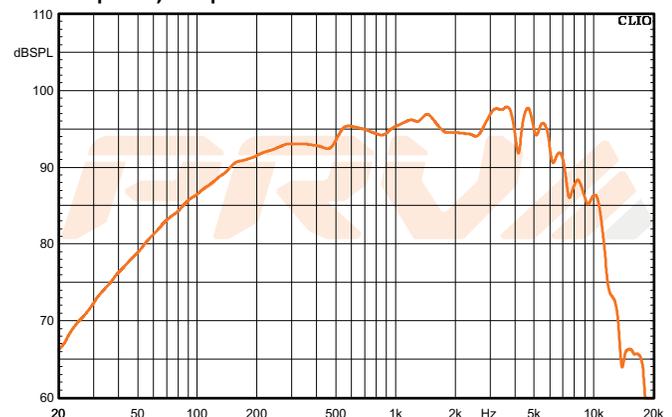
Overall Diameter	6.48" (164.5 mm)
Front Mount Baffle Cutout	5.59" (142 mm)
Mounting Depth	3.33" (84.5 mm)
Overall Depth	3.64 (92.5 mm)
Net Weight	5.95 Lbs (2.70 kg)
Shipping Weight	6.28 Lbs (2.85 kg)
Carton Dimensions W x L x H	7.10" x 7.10" x 4.92" (180 x 180 x 125 mm)



Impedance Curve - Free Air



Frequency Response Measured at 2.83V/1m



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