

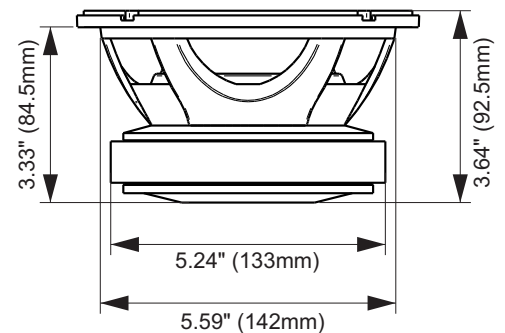
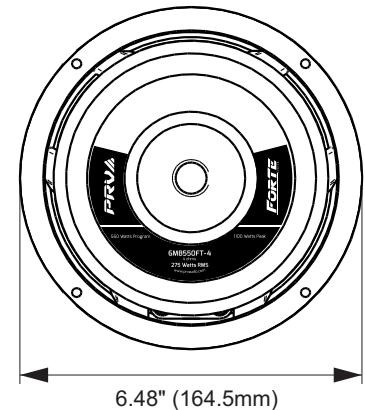
# 6MB550FT-4

Professional Mid Bass Driver



## KEY FEATURES

- 275 Watts continuous power handling
- 94 dB Sensitivity
- 85 - 7,500 Hz of frequency response



GENERAL SPECIFICATIONS

Nominal Diameter	6" (152 mm)
Nominal impedance	4 Ohms
<b>Rated Power Handling</b>	<b>275 Watts</b>
Program Power	550 Watts
<b>Sensitivity 2.00 V at 1m</b>	<b>94 dB</b>
Recommended Hi Pass Crossover*	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

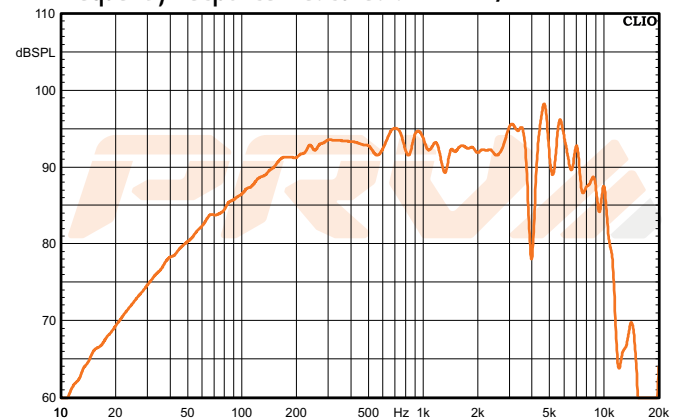
THIELE-SMALL PARAMETERS

Equivalent Volume	Vas	6.59 l
Excursion	Xmax	5.40 mm
Free Air Resonance	Fs	86.27 Hz
Mechanical Factor	Qms	6.65
Electrical Factor	Qes	0.35
Total Factor	Qts	0.34
Cone Area	Sd	143 cm <sup>2</sup>
Mechanical Mass	Mms	14.78 g
BL Factor	BL	8.63 Tm
Dc Resistance	Re	3.3 Ohms
Inductance	Le	0.30mH at 1 kHz
Mechanical Mass Without Air	Mmd	13.81 g
Mechanical Compliance	Cms	0.230 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	7.08" x 7.08" x 4.53" (180 x 180 x 115 mm)

Frequency Response Measured at 2.00 V/1m



\*\*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

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