6MB550FT
## *Professional Mid Bass Driver*

PRV audio
BRAZIL

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
Nominal Power Handling	**275 Watts**
Continuous Program Power (RMS)	550 Watts
Max Peak Power	1100 Watts
Sensitivity 2.83V at 1m	**94.5 dB**
Recommended Hi Pass Crossover* *For Full Power Handling	95 Hz* *12db Per Octave Crossover
Frequency Response	**85 - 7,500 Hz**
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

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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^2
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)

6.48" (164.5mm)

3.33" (84.5mm)

3.64" (92.5mm)

5.24" (133mm)

5.59" (142mm)

Impedance Curve - Free Air

CLIO

Ohm
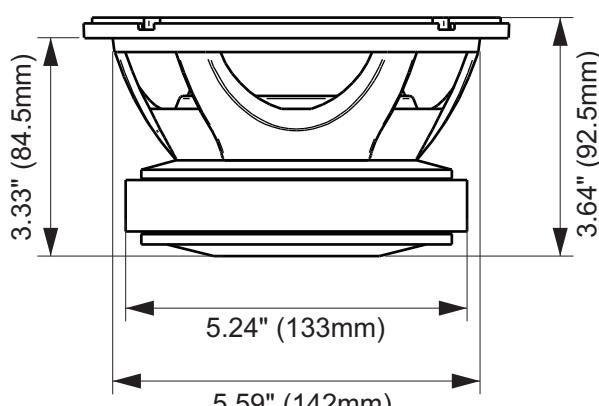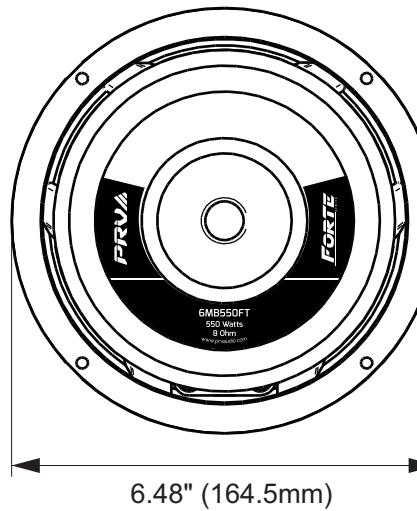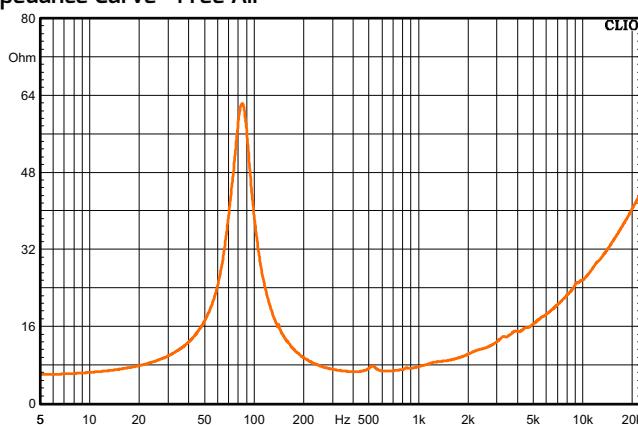
Frequency Response Measured at 2.83V/1m

CLIO

dBSPL

**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
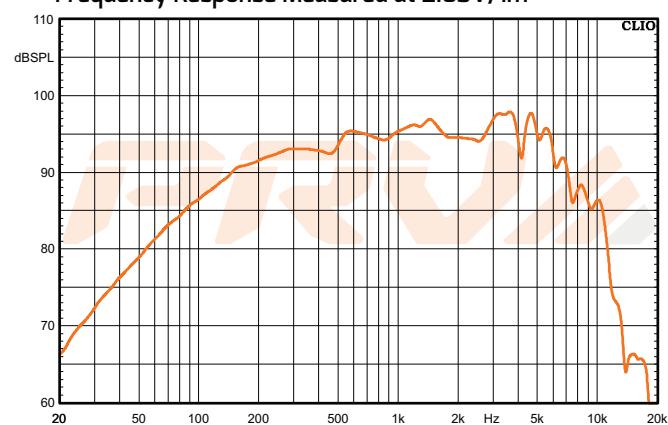
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