

6MB100-4

Professional Mid Bass Driver

PRV
audio
BRAZIL

KEY FEATURES

- 1.5" Voice coil
- 100 Watts Continuous program power
- 90 dB Sensitivity
- 90 - 10,000 Hz of frequency response

Nominal Diameter 6.5" (165 mm)

Nominal impedance 4 Ohm

Nominal Power Handling 50 Watts

Continuous Program Power (RMS) 100 Watts

Max Peak Power 200 Watts

Sensitivity 2.00V at 1m 90 dB

Recommended Hi Pass Crossover* 90 Hz*

*For Full Power Handling *12db Per Octave Crossover

Frequency Response 90 - 10,000 Hz

Voice Coil Diameter 1.5 (38 mm)

Voice Coil Wire CCAW

Voice Coil Winding Depth 8.0 mm

Former Material Kapton

Magnetic Gap Depth 5.0 mm

Frame Material Stamped steel

Equivalent Volume Vas 7.22 l

Excursion Xmax 2.75 mm

Free Air Resonance Fs 93.2 Hz

Mechanical Factor Qms 5.75

Electrical Factor Qes 1.37

Total Factor Qts 1.10

Cone Area Sd 143 cm²

Mechanical Mass Mms 11.53 g

Bl Factor Bl 4.33 Tm

Dc Resistance Re 3.8 Ohm

Inductance Le 0.22mH at 1kHz

Mechanical Mass Without Air Mmd 10.55g

Mechanical Compliance Cms 0.252 mm/N

Overall Diameter 6.54" (166 mm)

Front Mount Baffle Cutout 5.60" (142 mm)

Mounting Depth 2.55" (64.7 mm)

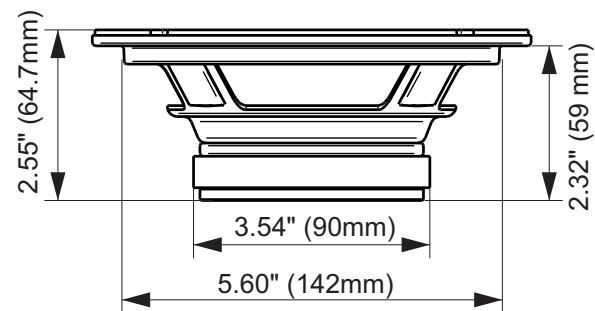
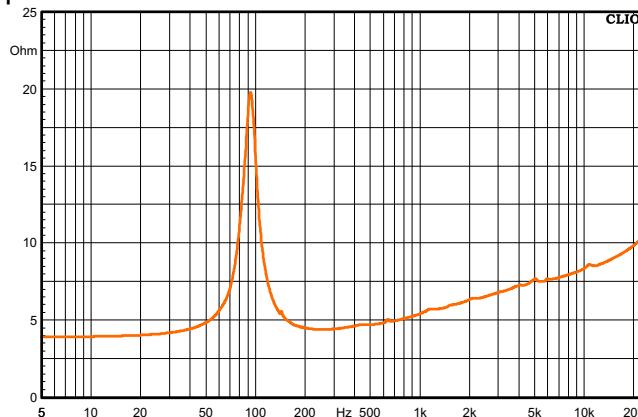
Overall Depth 2.32 (59 mm)

Net Weight 2.09 Lbs (0.95 kg)

Shipping Weight 4.89 Lbs (2.22 kg)

Carton Dimensions W x L x H 7.08" x 14.56" x 3.1".
(180 x 370 x 80 mm)

Impedance Curve - Free Air



Frequency Response Measured at 2.00V/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

PRV Audio strives to manufacture the best drivers in the Professional Loudspeaker industry. Specifications are subject to change due to continuous product improvement - Rev: 07/23

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