

12MB1000FT

Professional Mid Bass Driver

PRV
audio
BRAZIL

KEY FEATURES

- 3" Voice coil
- 500 Watts nominal power handling
- 97.5 dB Sensitivity
- 70 - 3,200 Hz

Nominal Diameter 12" (310 mm)

Nominal impedance 8 Ohm

Nominal Power Handling 500 Watts

Continuous Program Power (RMS) 1000 Watts

Max Peak Power 2000 Watts

Sensitivity 2.83V at 1m 97.5 dB

Recommended Hi Pass Crossover* 110 Hz*

*For Full Power Handling *12db Per Octave Crossover

Frequency Response 70 - 3,200 Hz

Voice Coil Diameter 3" (76 mm)

Voice Coil Wire Aluminum

Voice Coil Winding Depth 19.0 mm

Former Material Glass Fiber

Magnetic Gap Depth 10.5 mm

Frame Material Die cast Aluminum

Equivalent Volume Vas 74.57 l

Excursion (mathematical)*** Xmax 6.87 mm

Free Air Resonance Fs 52.72 Hz

Mechanical Factor Qms 13.35

Electrical Factor Qes 0.38

Total Factor Qts 0.37

Cone Area Sd 573 cm²

Mechanical Mass Mms 55.94 g

Bl Factor Bl 16.54 Tm

Dc Resistance Re 5.7 Ohm

Inductance Le 1.00 mH at 1 kHz

Mechanical Mass Without Air Mmd 48.19 g

Mechanical Compliance Cms 0.162 mm/N

Overall Diameter 12.40" (315 mm)

Front Mount Baffle Cutout 11.10" (282 mm)

Mounting Depth 5.20" (132 mm)

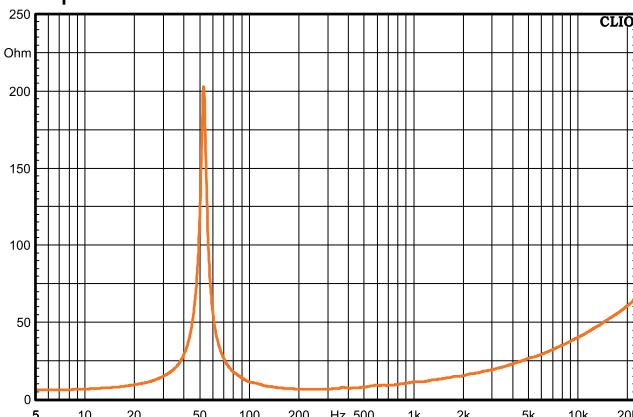
Overall Depth 5.76" (146.5 mm)

Net Weight 16.8 Lbs (7.62 kg)

Shipping Weight 18.51 Lbs (8.40 kg)

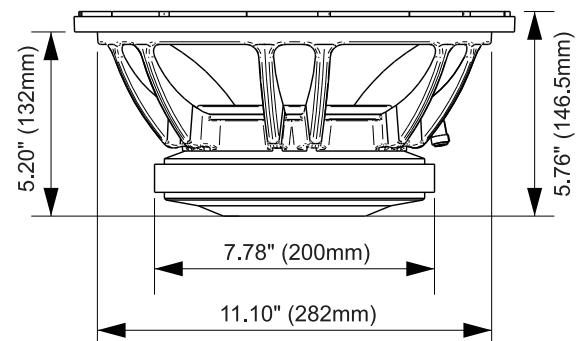
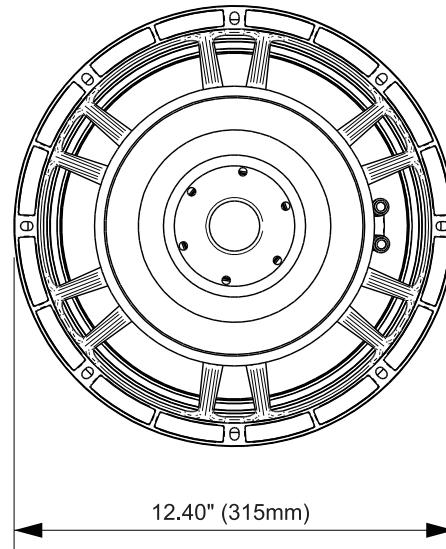
Carton Dimensions W x L x H 14.17" x 14.17" x 7.68" (360 x 360 x 195mm)

Impedance Curve - Free Air

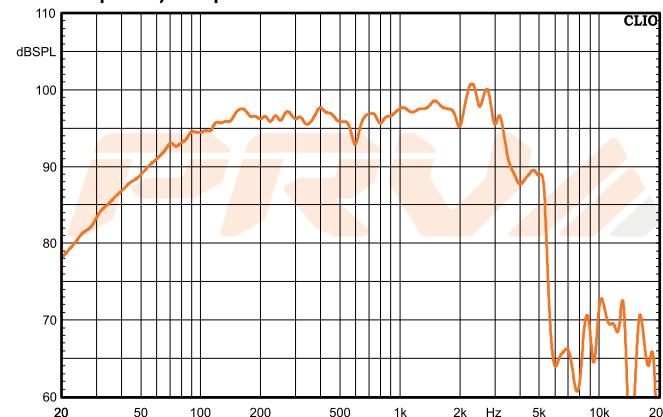


***Xmax=(Voice coil winding depth+Magnetic Gap depth)/2+ Magnetic Gap Depth/4

PRV Audio strives to manufacture the best drivers in the Professional Loudspeaker industry. Specifications are subject to change due to continuous product improvement - Rev: 12/22



Frequency Response Measured at 2.83V/1m



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