

12MB2000FT

Professional Mid Bass Driver

PRV
audio
BRAZIL

KEY FEATURES

- 3.5" Voice coil
- 2000 Watts continuous program power
- 99 dB Sensitivity
- 65 - 5,000 Hz

Nominal Diameter 12" (304 mm)

Nominal impedance 8 Ohm

Nominal Power Handling 1000 Watts

Continuous Program Power (RMS) 2000 Watts

Max Peak Power 4000 Watts

Sensitivity 2.83V at 1m 99 dB

Recommended Hi Pass Crossover* 85 Hz*

*For Full Power Handling *12db Per Octave Crossover

Frequency Response 65 - 5,000 Hz

Voice Coil Diameter 3.5" (86 mm)

Voice Coil Wire CCAW

Voice Coil Winding Depth 17.0 mm

Former Material Glass Fiber

Magnetic Gap Depth 10.0 mm

Frame Material Die cast Aluminum

Equivalent Volume Vas 66.9 l

Excursion (mathematical)*** Xmax 6.00 mm

Free Air Resonance Fs 55.6 Hz

Mechanical Factor Qms 9.75

Electrical Factor Qes 0.33

Total Factor Qts 0.32

Cone Area Sd 585 cm²

Mechanical Mass Mms 58.61 g

Bl Factor Bl 17.74 Tm

Dc Resistance Re 5.1 Ohm

Inductance Le 0.872mH at 1 kHz

Mechanical Mass Without Air Mmd 50.59 g

Mechanical Compliance Cms 0.140 mm/N

Overall Diameter 12.40" (315 mm)

Front Mount Baffle Cutout 11.18" (284 mm)

Mounting Depth 5.40" (137.2 mm)

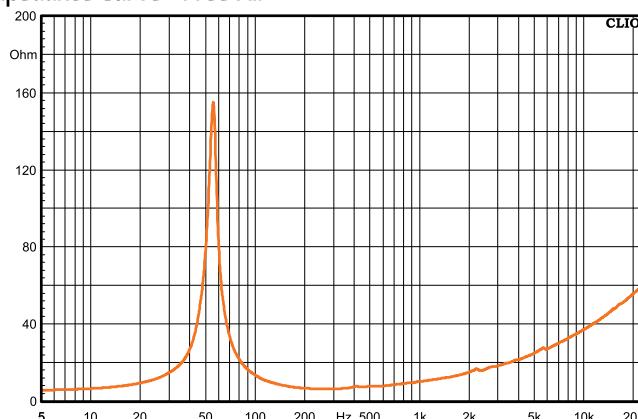
Overall Depth 5.98" (152 mm)

Net Weight 17.20 Lb (7.80 kg)

Shipping Weight 18.90 Lb (8.55 kg)

Carton Dimensions W x L x H 13.66" x 13.4" x 7.28" (347 x 340 x 185 mm)

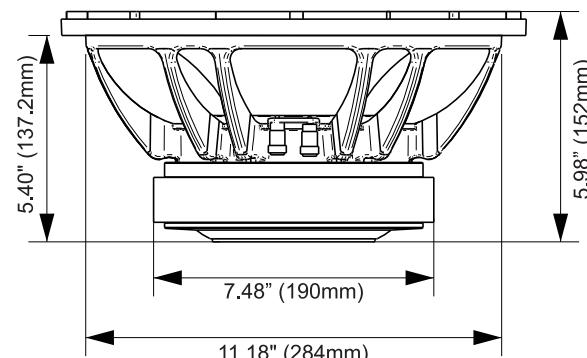
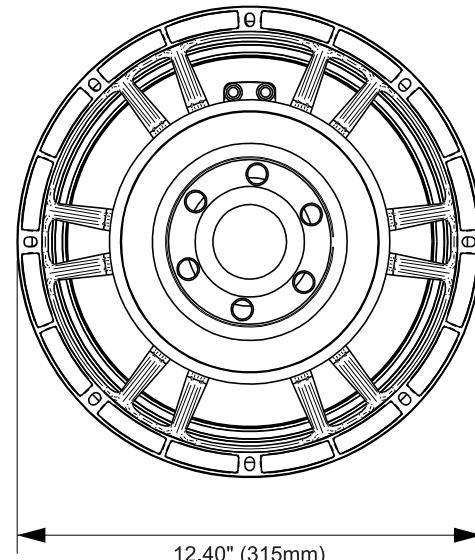
Impedance Curve - Free Air



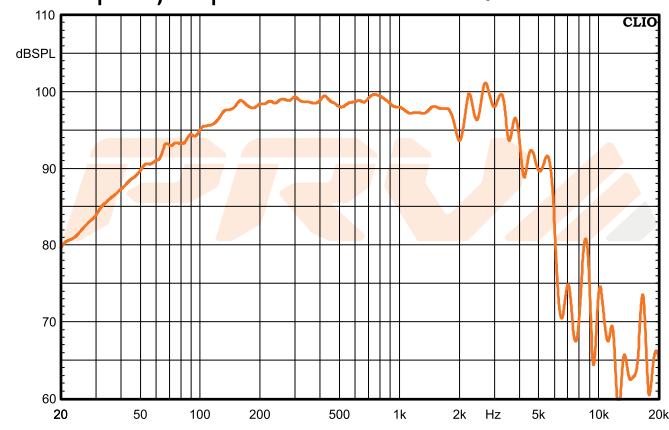
**Xmax=(Voice coil winding depth-Magnetic Gap depth)/2+ Magnetic Gap Depth/4

*** 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: 12/25



Frequency Response Measured at 2.83V/1m



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