

12MB1500FT

Professional Mid Bass Driver

PRV
audio
BRAZIL

KEY FEATURES

- 750 Watts nominal power handling
- 98.5 dB Sensitivity
- 75 - 5,000 Hz of frequency response

Nominal Diameter 12" (305 mm)

Nominal impedance 8 Ohm

Nominal Power Handling 750 Watts

Continuous Program Power (RMS) 1500 Watts

Max Peak Power 3000 Watts

Sensitivity 2.83V at 1m 98.5 dB

Recommended Hi Pass Crossover* 90 Hz*

*For Full Power Handling *12db Per Octave Crossover

Frequency Response 75 - 5,000 Hz

Voice Coil Diameter 3.5" (89 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 62.37 l

Excursion (mathematical)*** Xmax 6.00 mm

Free Air Resonance Fs 57.2 Hz

Mechanical Factor Qms 10.87

Electrical Factor Qes 0.37

Total Factor Qts 0.36

Cone Area Sd 585 cm²

Mechanical Mass Mms 59.32 g

Bl Factor Bl 17.27 Tm

Dc Resistance Re 5.2 Ohm

Inductance Le 0.963mH at 1 kHz

Mechanical Mass Without Air Mmd 51.31 g

Mechanical Compliance Cms 0.130 mm/N

Overall Diameter 12.40" (315 mm)

Front Mount Baffle Cutout 11.18" (284 mm)

Mounting Depth 5.24" (133 mm)

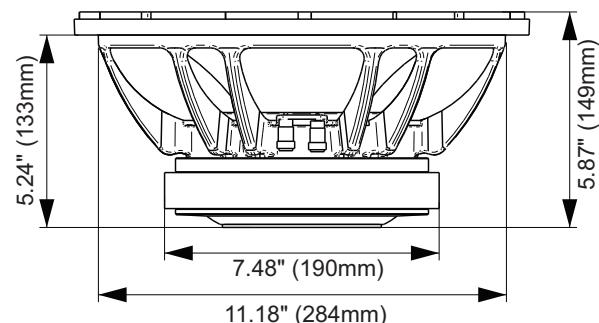
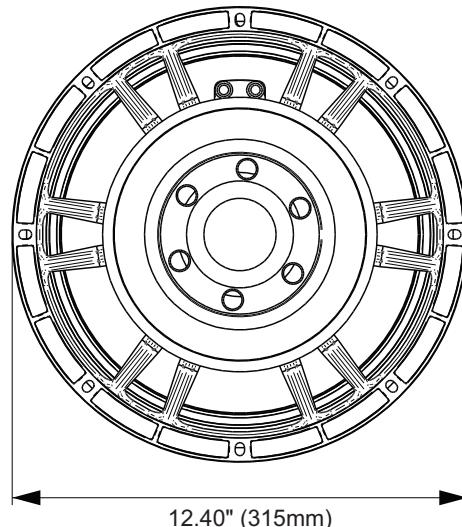
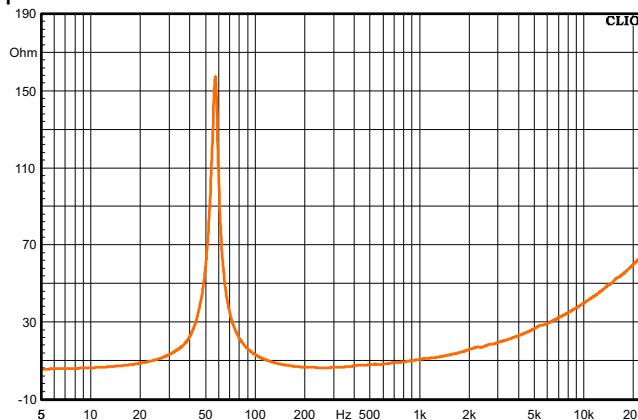
Overall Depth 5.87" (149 mm)

Net Weight 16.32 Lb (7.4 kg)

Shipping Weight 18.08 Lb (8.2 kg)

Carton Dimensions W x L x H 13.19" x 13.19" x 6.70" (335 x 335 x 170 mm)

Impedance Curve - Free Air



Frequency Response Measured at 2.83V/1m



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**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: 01/23