

10MB800FT

Professional Mid Bass Driver

PRV
audio
BRAZIL

KEY FEATURES

- 800 Watts Continuous Program Power
- 99 dB Sensitivity
- 65 - 6,500 Hz of frequency response
- Inside-outside voice coil

Nominal Diameter 10" (254 mm)

Nominal impedance 8 Ohm

Nominal Power Handling 400 Watts

Continuous Program Power (RMS) 800 Watts

Max Peak Power 1600 Watts

Sensitivity 2.83V at 1m 99 dB

Recommended High Pass Filter* 120 Hz*

*For Full Power Handling *12db Per Octave Crossover

Frequency Response at -10dB 65 - 5,300 Hz

Voice Coil Diameter 2.5" (65 mm)

Voice Coil Wire CCAW

Voice Coil Winding Depth 11.0 mm

Former Material Glass Fiber

Magnetic Gap Depth 8.0 mm

Frame Material Die Cast Aluminum

Equivalent Volume Vas 36.73 l

Excursion (mathematical)*** Xmax 3.50 mm

Free Air Resonance Fs 64.72 Hz

Mechanical Factor Qms 15.39

Electrical Factor Qes 0.33

Total Factor Qts 0.32

Cone Area Sd 380 cm²

Mechanical Mass Mms 33.20 g

Bl Factor Bl 14.39 Tm

Dc Resistance Re 5.1 Ohm

Inductance Le 0.40 mH at 1 kHz

Mechanical Mass Without Air Mmd 29.01 g

Mechanical Compliance Cms 0.182 mm/N

Overall Diameter 10.25" (260.5 mm)

Front Mount Baffle Cutout 8.97" (228 mm)

Mounting Depth 4.09" (104 mm)

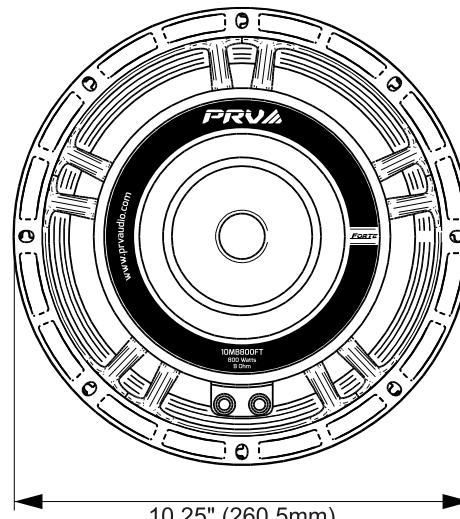
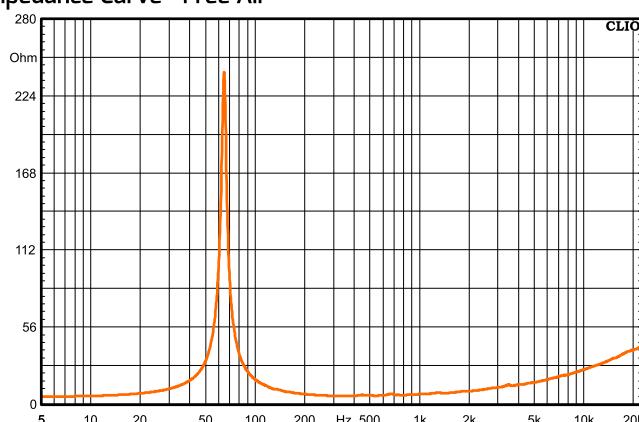
Overall Depth 4.68" (119 mm)

Net Weight 11.01 Lbs (5.0 kg)

Shipping Weight 11.90 Lbs (5.4 kg)

Carton Dimensions W x L x H 11.50" x 11.50" x 6.50"
(292 x 292 x 165 mm)

Impedance Curve - Free Air



Overall Diameter 10.25" (260.5 mm)

Front Mount Baffle Cutout 8.97" (228 mm)

Mounting Depth 4.09" (104 mm)

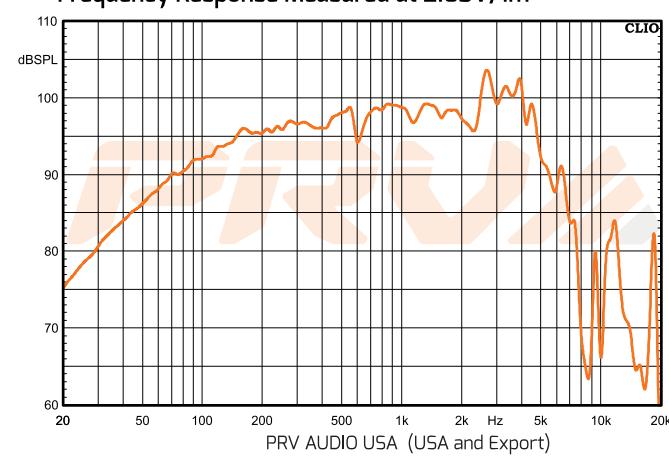
Overall Depth 4.68" (119 mm)

Net Weight 11.01 Lbs (5.0 kg)

Shipping Weight 11.90 Lbs (5.4 kg)

Carton Dimensions W x L x H 11.50" x 11.50" x 6.50"
(292 x 292 x 165 mm)

Frequency Response Measured at 2.83V/1m



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