

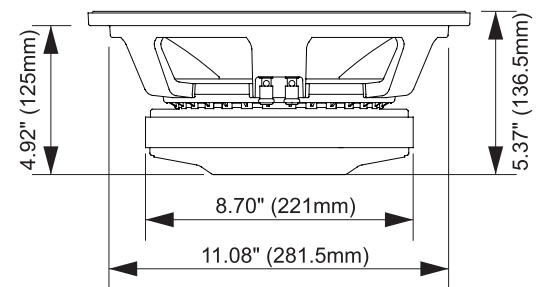
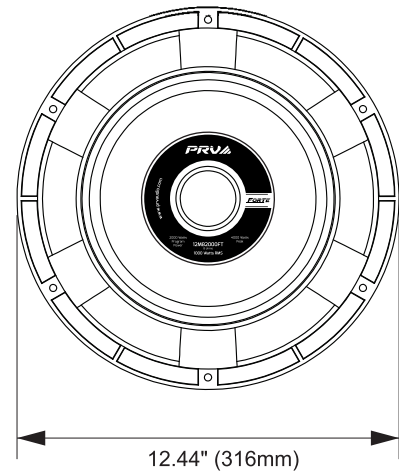
# 12MB2000FT

Professional Mid Bass Driver



## KEY FEATURES

- 80 - 5,000 Hz Response Frequency
- 1000 Watts continuous power handling
- 98 dB Sensitivity



GENERAL SPECIFICATIONS

|   |  |
|---|--|
| Nominal Diameter                        | 12" (305 mm)   |
| Nominal impedance                       | 8 ohms   |
| <b>Rated AES Power Handling (RMS)</b>   | <b>1000 Watts</b>  |
| Program Power                           | 2000 Watts   |
| <b>Sensitivity 2.83V at 1m</b>          | <b>98 dB</b>   |
| Recommended (HPF) High Pass Crossover*  | 120 Hz* LR12   |
| <small>*For Full Power Handling</small> | <small>*12db Per Octave Linkwitz-Riley Crossover</small> |
| <b>Frequency Response at -10dB</b>      | <b>80 - 5,000 Hz</b>                                     |
| Voice Coil Diameter                     | 4" (100 mm)  |
| Voice Coil Wire                         | CCAW   |
| Voice Coil Winding Depth                | 16.0 mm  |
| Former Material                         | Kapton   |
| Magnetic Gap Depth                      | 8.0 mm   |
| Frame Material                          | Die cast aluminum  |

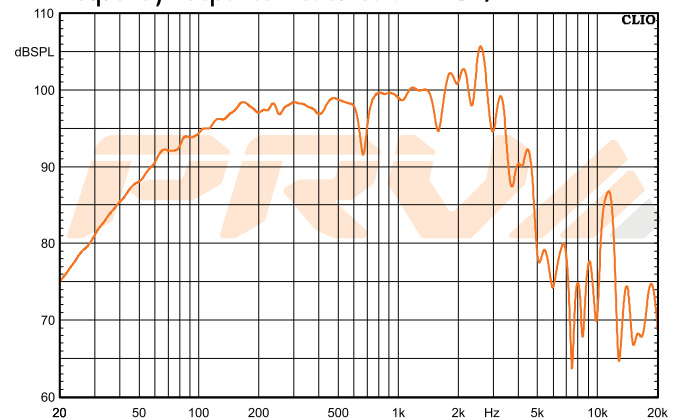
THIELE-SMALL PARAMETERS

|                             |      |                     |
|-----------------------------|------|---------------------|
| Equivalent Volume           | Vas  | 35.3 l              |
| Excursion (mathematical)*** | Xmax | 6.00 mm             |
| Free Air Resonance          | Fs   | 76.6 Hz             |
| Mechanical Factor           | Qms  | 10.75               |
| Electrical Factor           | Qes  | 0.53                |
| Total Factor                | Qts  | 0.50                |
| Cone Area                   | Sd   | 531 cm <sup>2</sup> |
| Mechanical Mass             | Mms  | 53.5 g              |
| Bl Factor                   | BL   | 16.94 Tm            |
| Dc Resistance               | Re   | 6.2 Ohms            |
| Inductance                  | Le   | 0.72 mH at 1 kHz    |
| Mechanical Mass Without Air | Mmd  | 46.6 g              |
| Mechanical Compliance       | Cms  | 0.090 mm/N          |

EXTRA INFO

|                             |   |
|-----------------------------|---|
| Overall Diameter            | 12.44" (316 mm)                             |
| Front Mount Baffle Cutout   | 11.08" (281.5 mm)                           |
| Mounting Depth              | 4.92" (125 mm)                              |
| Overall Depth               | 5.37" (136.5 mm)                            |
| Net Weight                  | 14.55 Lbs (6.6 kg)                          |
| Shipping Weight             | 15.21 Lbs (6.9 kg)                          |
| Carton Dimensions W x L x H | 13.78" x 13.78" x 6.65" (350 x 350 x 169mm) |

Frequency Response Measured at 2.83V/1m



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

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