

# 6MB200 v2

Professional Mid-bass Driver



## KEY FEATURES

- 1.5" Voice coil
- 100 Watts continuous power handling
- 93.5 dB Sensitivity
- 125 - 6,500 Hz

## GENERAL SPECIFICATIONS

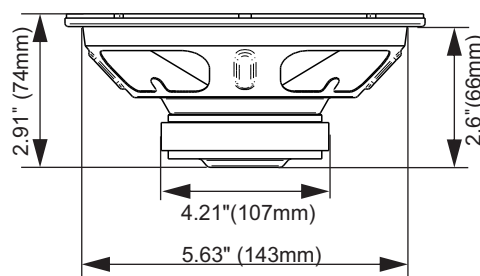
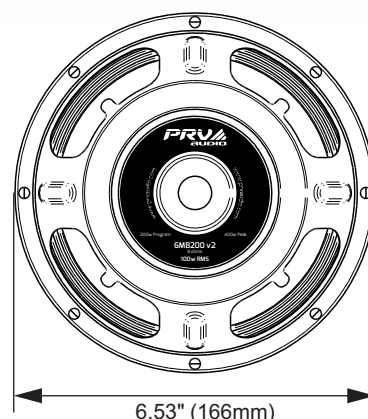
|                                    |                            |
|------------------------------------|----------------------------|
| Nominal Diameter                   | 6" (152 mm)                |
| Nominal impedance                  | 8 ohms                     |
| <b>Rated Power Handling</b>        | <b>100 Watts</b>           |
| Program Power                      | 200 Watts                  |
| <b>Sensitivity 2.83V at 1m</b>     | <b>93.5 dB</b>             |
| Recommended Hi Pass Crossover*     | 125 Hz*                    |
| *For Full Power Handling           | *12db Per Octave Crossover |
| <b>Frequency Response at -10dB</b> | <b>125 - 6,500 Hz</b>      |
| Voice Coil Diameter                | 1.5" (38 mm)               |
| Voice Coil Wire                    | Copper                     |
| Voice Coil Winding Depth           | 12.5 mm                    |
| Former Material                    | Kapton®                    |
| Magnetic Gap Depth                 | 5.8 mm                     |
| Frame Material                     | Stamped Steel              |

## THIELE-SMALL PARAMETERS

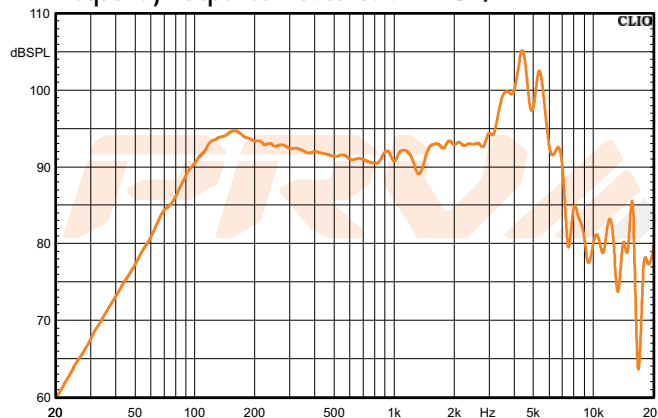
|                             |      |                     |
|-----------------------------|------|---------------------|
| Equivalent Volume           | Vas  | 4.13 l              |
| Excursion (mathematical)*** | Xmax | 4.80 mm             |
| Free Air Resonance          | Fs   | 123.28 Hz           |
| Mechanical Factor           | Qms  | 20.81               |
| Electrical Factor           | Qes  | 1.20                |
| Total Factor                | Qts  | 1.13                |
| Cone Area                   | Sd   | 154 cm <sup>2</sup> |
| Mechanical Mass             | Mms  | 11.57 g             |
| Bl Factor                   | BL   | 7.05 Tm             |
| Dc Resistance               | Re   | 6.7 Ohms            |
| Inductance                  | Le   | 0.25 mH at 1 kHz    |
| Mechanical Mass Without Air | Mmd  | 10.55 g             |
| Mechanical Compliance       | Cms  | 0.144 mm/N          |

## EXTRA INFO

|                             |                                               |
|-----------------------------|-----------------------------------------------|
| Overall Diameter            | 6.53" (166 mm)                                |
| Front Mount Baffle Cutout   | 5.63" (143 mm)                                |
| Mounting Depth              | 2.6" (66 mm)                                  |
| Overall Depth               | 2.91" (74 mm)                                 |
| Net Weight                  | 3.30 Lbs (1.50 kg)                            |
| Shipping Weight             | 3.62 Lbs (1.64 kg)                            |
| Carton Dimensions W x L x H | 7.17" x 7.17" x 4.13"<br>(182 x 182 x 105 mm) |



Frequency Response Measured at 2.83V/1m



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

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