

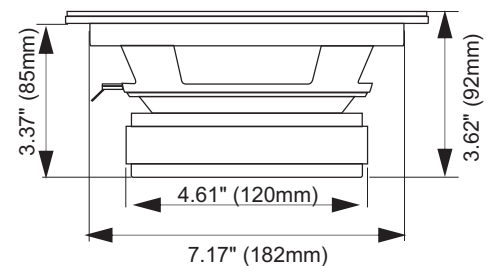
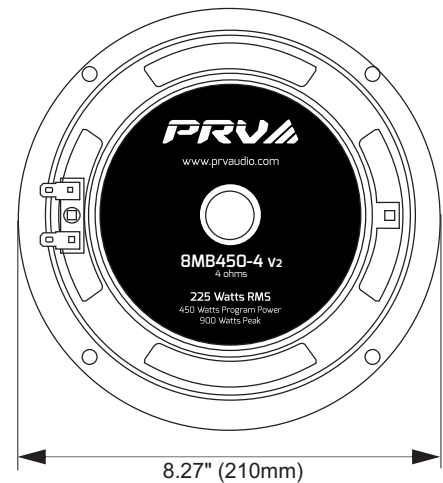
# 8MB450-4 v2

Professional Low Frequency Driver

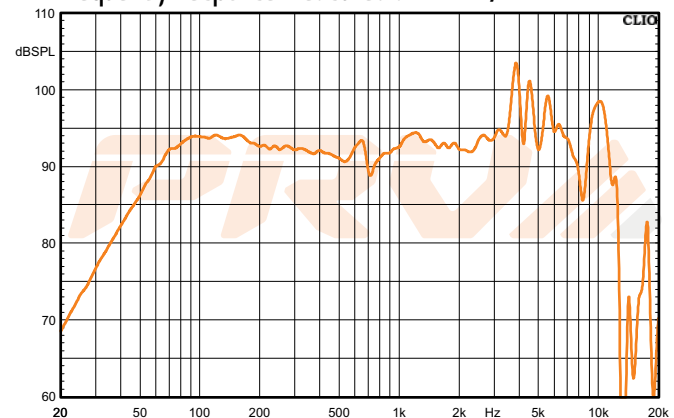


## KEY FEATURES

- 2" Voice coil
- 225 Watts continuous power handling
- 93.5 dB Sensitivity
- 75-7,500 Hz



Frequency Response Measured at 2.00V/1m



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## GENERAL SPECIFICATIONS

|                                                     |                      |
|-----------------------------------------------------|----------------------|
| Nominal Diameter                                    | 8" (203 mm)          |
| Nominal impedance                                   | 4 Ohms               |
| <b>Rated Power Handling</b>                         | <b>225 Watts</b>     |
| Program Power                                       | 450 Watts            |
| <b>Sensitivity 2.00V at 1m</b>                      | <b>93.5 dB</b>       |
| Recommended Hi Pass Crossover*                      | 120 Hz*              |
| *For Full Power Handling *12db Per Octave Crossover |                      |
| <b>Frequency Response at -10dB</b>                  | <b>75 - 7,500 Hz</b> |
| Voice Coil Diameter                                 | 2" (50 mm)           |
| Voice Coil Wire                                     | CCAW                 |
| Voice Coil Winding Depth                            | 12.0 mm              |
| Former Material                                     | Kapton               |
| Magnetic Gap Depth                                  | 6.0 mm               |
| Frame Material                                      | Stamped Steel        |

## THIELE-SMALL PARAMETERS

|                             |      |                     |
|-----------------------------|------|---------------------|
| Equivalent Volume           | Vas  | 17.02 l             |
| Excursion (mathematical)*** | Xmax | 4.5 mm              |
| Free Air Resonance          | Fs   | 76.59 Hz            |
| Mechanical Factor           | Qms  | 22.84               |
| Electrical Factor           | Qes  | 0.92                |
| Total Factor                | Qts  | 0.88                |
| Cone Area                   | Sd   | 241 cm <sup>2</sup> |
| Mechanical Mass             | Mms  | 20.48 g             |
| Bl Factor                   | BL   | 6.19 Tm             |
| Dc Resistance               | Re   | 3.6 Ohms            |
| Inductance                  | Le   | 0.17 mH at 1 kHz    |
| Mechanical Mass Without Air | Mmd  | 18.37 g             |
| Mechanical Compliance       | Cms  | 0.210 mm/N          |

## EXTRA INFO

|                             |                                           |
|-----------------------------|-------------------------------------------|
| Overall Diameter            | 8.27" (210 mm)                            |
| Front Mount Baffle Cutout   | 7.17" (182 mm)                            |
| Mounting Depth              | 3.31" (84 mm)                             |
| Overall Depth               | 3.61" (91.5 mm)                           |
| Net Weight                  | 4.10 Lbs (1.86 kg)                        |
| Shipping Weight             | 4.54 Lbs (2.06 kg)                        |
| Carton Dimensions W x L x H | 9.05" x 9.05" x 4.72" (230 x 230 x 120mm) |

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