

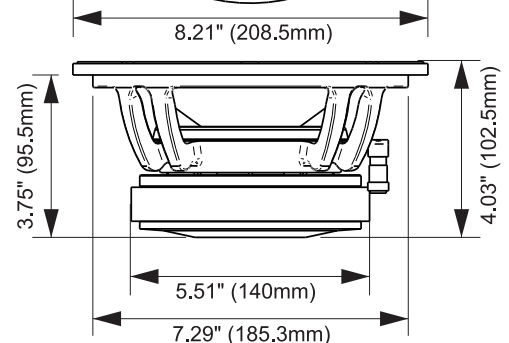
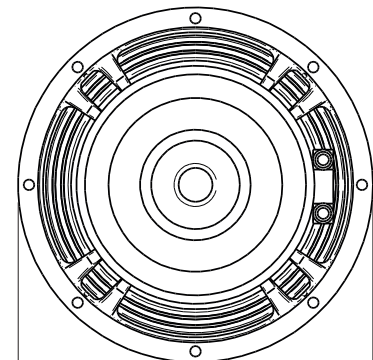
# 8MR600X

Professional Mid Range Driver

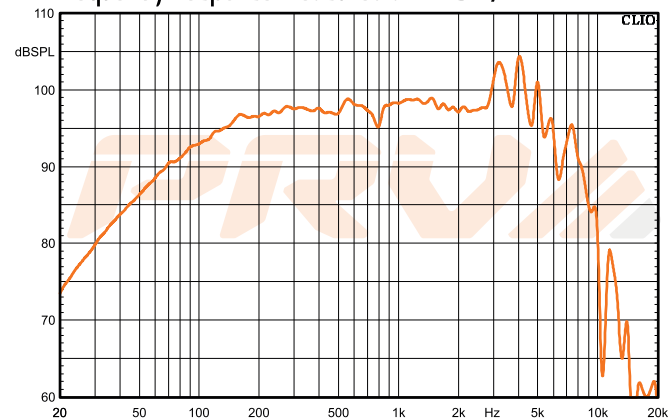


## KEY FEATURES

- 300 Watts continuous power handling
- 98 dB Sensitivity
- 85 - 8,500 Hz of frequency response



Frequency Response Measured at 2.83 V/1m



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## GENERAL SPECIFICATIONS

|                                    |                            |
|------------------------------------|----------------------------|
| Nominal Diameter                   | 8" (203 mm)                |
| Nominal impedance                  | 8 Ohms                     |
| <b>Rated Power Handling</b>        | <b>300 Watts</b>           |
| Program Power                      | 600 Watts                  |
| <b>Sensitivity 2.83 V at 1m</b>    | <b>98 dB</b>               |
| Recommended Hi Pass Crossover*     | 160 Hz*                    |
| *For Full Power Handling           | *12db Per Octave Crossover |
| <b>Frequency Response at -10dB</b> | <b>85 - 8,500 Hz</b>       |
| Voice Coil Diameter                | 2.0" (51 mm)               |
| Voice Coil Wire                    | CCAW                       |
| Voice Coil Winding Depth           | 14.5 mm                    |
| Former Material                    | Polyimide                  |
| Magnetic Gap Depth                 | 8.0 mm                     |
| Frame Material                     | Die cast aluminum          |

## THIELE-SMALL PARAMETERS

|                             |      |                     |
|-----------------------------|------|---------------------|
| Equivalent Volume           | Vas  | 19.99 l             |
| Excursion                   | Xmax | 5.25 mm             |
| Free Air Resonance          | Fs   | 76.90 Hz            |
| Mechanical Factor           | Qms  | 7.07                |
| Electrical Factor           | Qes  | 0.43                |
| Total Factor                | Qts  | 0.40                |
| Cone Area                   | Sd   | 241 cm <sup>2</sup> |
| Mechanical Mass             | Mms  | 17.31 g             |
| Bl Factor                   | BL   | 10.54 Tm            |
| Dc Resistance               | Re   | 5.7 Ohms            |
| Inductance                  | Le   | 0.49 mH at 1 kHz    |
| Mechanical Mass Without Air | Mmd  | 15.19 g             |
| Mechanical Compliance       | Cms  | 0.247 mm/N          |

## EXTRA INFO

|                             |  |
|-----------------------------|--|
| Overall Diameter            | 8.21" (208.5 mm)                           |
| Front Mount Baffle Cutout   | 7.29" (185.3 mm)                           |
| Mounting Depth              | 3.75" (95.5 mm)                            |
| Overall Depth               | 4.03" (102.5 mm)                           |
| Net Weight                  | 7.04 Lbs (3.20 kg)                         |
| Shipping Weight             | 11.90 Lbs (3.45 kg)                        |
| Carton Dimensions W x L x H | 8.85" x 8.85" x 4.92" (225 x 225 x 125 mm) |

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