

# 8MR600X-4

Professional Mid Range Driver



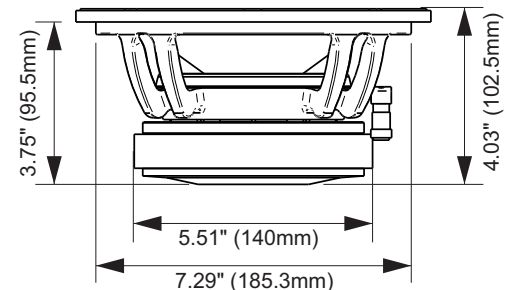
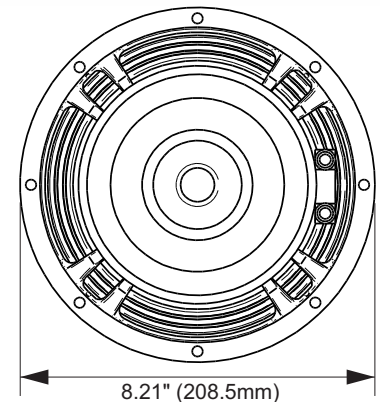
## KEY FEATURES

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



## GENERAL SPECIFICATIONS

|   |   |
|---|---|
| Nominal Diameter                        | 8" (203 mm)                               |
| Nominal impedance                       | 4 Ohms                                    |
| <b>Rated Power Handling</b>             | <b>300 Watts</b>                          |
| Program Power                           | 600 Watts                                 |
| <b>Sensitivity 2.00 V at 1m</b>         | <b>98 dB</b>                              |
| Recommended Hi Pass Crossover*          | 160 Hz*                                   |
| <small>*For Full Power Handling</small> | <small>*12db Per Octave Crossover</small> |
| <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                | 14.2 mm                                   |
| Former Material                         | Polyimide                                 |
| Magnetic Gap Depth                      | 8.0 mm                                    |
| Frame Material                          | Die cast aluminum                         |



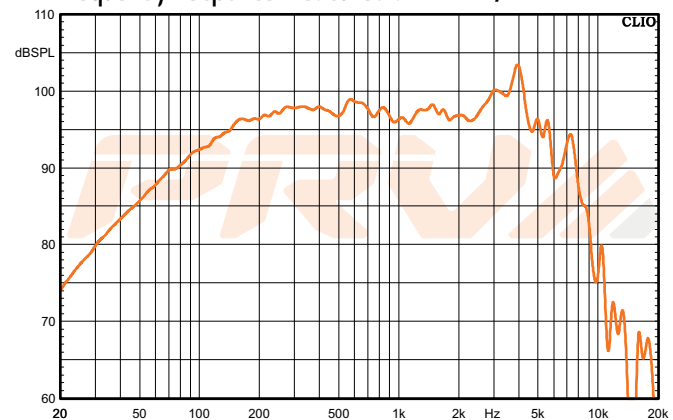
## THIELE-SMALL PARAMETERS

|                             |      |                     |
|-----------------------------|------|---------------------|
| Equivalent Volume           | Vas  | 19.65 l             |
| Excursion                   | Xmax | 5.10 mm             |
| Free Air Resonance          | Fs   | 77.22 Hz            |
| Mechanical Factor           | Qms  | 6.71                |
| Electrical Factor           | Qes  | 0.36                |
| Total Factor                | Qts  | 0.34                |
| Cone Area                   | Sd   | 241 cm <sup>2</sup> |
| Mechanical Mass             | Mms  | 17.46 g             |
| Bl Factor                   | Bl   | 8.93 Tm             |
| Dc Resistance               | Re   | 3.4 Ohms            |
| Inductance                  | Le   | 0.31 mH at 1 kHz    |
| Mechanical Mass Without Air | Mmd  | 15.34 g             |
| Mechanical Compliance       | Cms  | 0.243 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) |

Frequency Response Measured at 2.00 V/1m



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