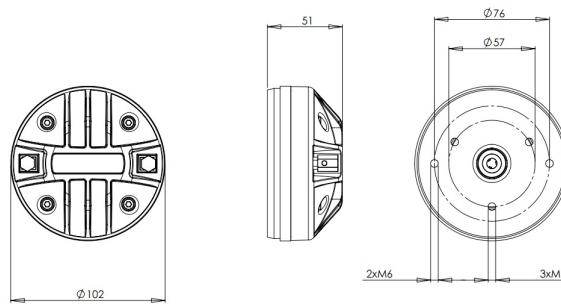


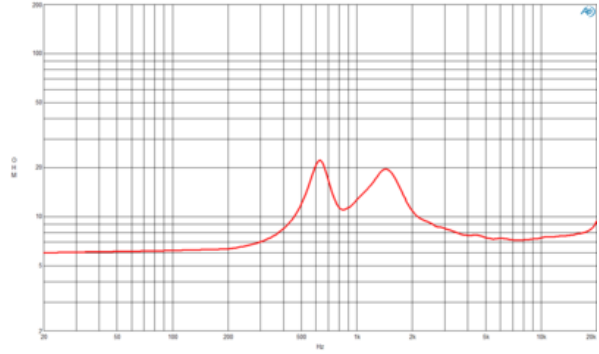
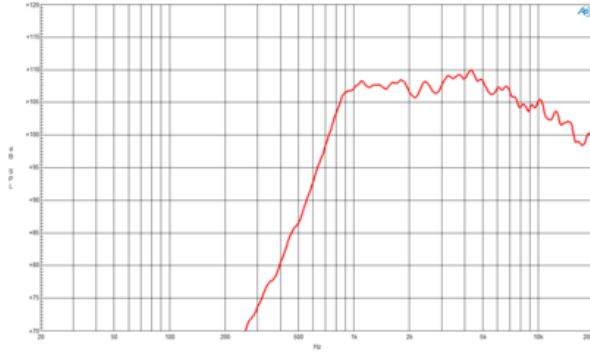
# DE502

**8Ω****HF Drivers - 1.0 Inches**

- 100 W continuous program power capacity
- 1" horn throat diameter
- 44 mm (1.7 in) aluminium voice coil
- Titanium diaphragm
- 1000 - 18000 Hz response
- 107 dB sensitivity
- Optimized Neodymium magnet assembly
- Shorting copper cap for extended HF response

## DESCRIPTION

The DE502 replaces the well established DE500. The full titanium diaphragm used in the DE502 has been updated with new geometry to significantly lower distortion, while improving the stability and reliability of the driver. Most other specifications and the sonic signature are quite similar to the DE500.



### SPECIFICATIONS<sup>1</sup>

|  |                |
|--|----------------|
| Throat Diameter                        | 25 mm (1.0 in) |
| Nominal Impedance                      | 8 Ω            |
| Minimum Impedance                      | 7.3 Ω          |
| Nominal Power Handling <sup>2</sup>    | 50 W           |
| Continuous Power Handling <sup>3</sup> | 100 W          |
| Sensitivity <sup>4</sup>               | 107.0 dB       |
| Frequency Range                        | 1.0 - 18.0 kHz |
| Recommended Crossover <sup>5</sup>     | 1.5 kHz        |
| Voice Coil Diameter                    | 44 mm (1.7 in) |
| Winding Material                       | Aluminium      |
| Inductance                             | 0.12 mH        |
| Diaphragm Material                     | Titanium       |
| Flux Density                           | 1.9 T          |
| Magnet Material                        | Neodymium Ring |

### MOUNTING AND SHIPPING INFO

|  |                                    |
|--|------------------------------------|
| Two M6 holes 180° on 76 mm (3 in) diameter     |                                    |
| Three M6 holes 120° on 57 mm (2.2 in) diameter |                                    |
| Overall Diameter                               | 102 mm (4.0 in)                    |
| Depth  | 51 mm (2.0 in)                     |
| Net Weight                                     | 1.4 kg (3.1 lb)                    |
| Shipping Units                                 | 8                                  |
| Shipping Weight                                | 11.85 kg (26.12 lb)                |
| Shipping Box                                   | 235x235x165 mm (9.25x9.25x6.50 in) |

### REPLACEMENT DIAPHRAGM

MMD5028

1. Driver mounted on B&C ME 45 horn.
2. 2 hour test made with continuous pink noise signal (6 dB crest factor) within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance.
3. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.