

# DE500 8 Ω

## SPECIFICATIONS

Driver mounted on B&C ME 45 horn.

|                                                                                                                                                                      |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Throat Diameter                                                                                                                                                      | <b>25 mm (1 in)</b>   |
| Nominal Impedance                                                                                                                                                    | <b>8 Ω</b>            |
| Minimum Impedance                                                                                                                                                    | <b>7.6 Ω</b>          |
| Nominal Power Handling                                                                                                                                               | <b>50 W</b>           |
| 2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance. |                       |
| Continuous Power Handling                                                                                                                                            | <b>100 W</b>          |
| Power on Continuous Program is defined as 3 dB greater than the Nominal rating.                                                                                      |                       |
| Sensitivity                                                                                                                                                          | <b>107 dB</b>         |
| Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.                                                                                                   |                       |
| Frequency Range                                                                                                                                                      | <b>1 kHz - 18 kHz</b> |
| Recommended Crossover                                                                                                                                                | <b>1.5 kHz</b>        |
| 12 dB/oct. or higher slope high-pass filter.                                                                                                                         |                       |
| Voice Coil Diameter                                                                                                                                                  | <b>44 mm (1.7 in)</b> |
| Winding Material                                                                                                                                                     | <b>Aluminium</b>      |
| Inductance                                                                                                                                                           | <b>0.11 mH</b>        |
| Flux Density                                                                                                                                                         | <b>1.9 T</b>          |
| Diaphragm Material                                                                                                                                                   | <b>Titanium</b>       |

- 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

## 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

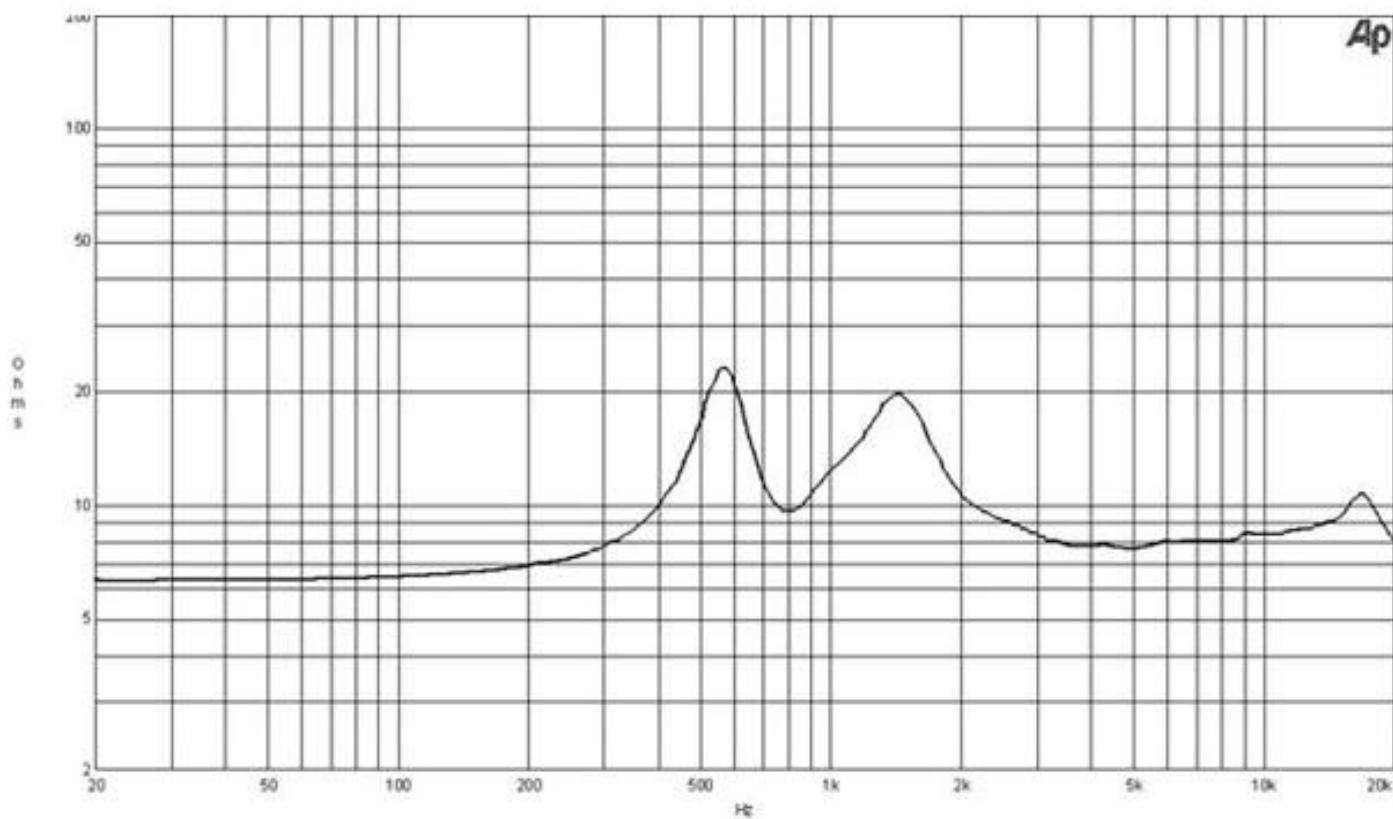
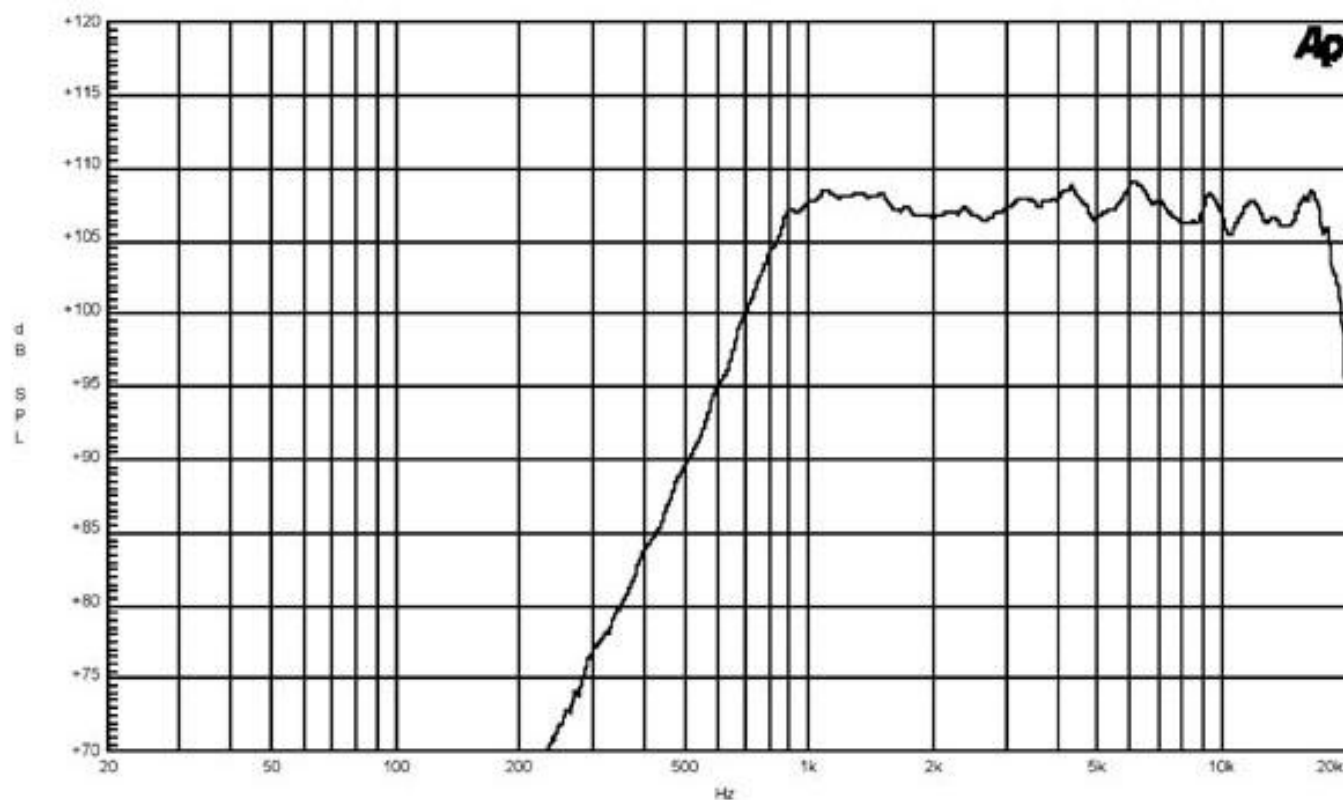
|                  |                                                    |
|------------------|----------------------------------------------------|
| Overall Diameter | <b>102 mm (4 in)</b>                               |
| Depth            | <b>51 mm (2 in)</b>                                |
| Net Weight       | <b>1.4 kg (3.1 lb)</b>                             |
| Shipping Units   | <b>1 pcs</b>                                       |
| Shipping Weight  | <b>1.43 kg (3.14 lb)</b>                           |
| Shipping Box     | <b>105x105x65 mm</b><br><b>(4.13x4.13x2.56 in)</b> |

## SERVICE KITS

|                          |                |
|--------------------------|----------------|
| HF replacement-diaphragm | <b>MMD5008</b> |
|--------------------------|----------------|



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