

# DE111 16 Ω

## SPECIFICATIONS

Driver mounted on B&C ME 45 horn.

|                                                                                                                                                                      |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Throat Diameter                                                                                                                                                      | <b>25 mm (1 in)</b>   |
| Nominal Impedance                                                                                                                                                    | <b>16 Ω</b>           |
| Minimum Impedance                                                                                                                                                    | <b>10.3 Ω</b>         |
| Nominal Power Handling                                                                                                                                               | <b>25 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>50 W</b>           |
| Power on Continuous Program is defined as 3 dB greater than the Nominal rating.                                                                                      |                       |
| Sensitivity                                                                                                                                                          | <b>108.5 dB</b>       |
| Applied RMS Voltage is set to 4 V for 16 ohms Nominal Impedance.                                                                                                     |                       |
| Frequency Range                                                                                                                                                      | <b>1 kHz - 17 kHz</b> |
| Recommended Crossover                                                                                                                                                | <b>1.2 kHz</b>        |
| 12 dB/oct. or higher slope high-pass filter.                                                                                                                         |                       |
| Voice Coil Diameter                                                                                                                                                  | <b>36 mm (1.4 in)</b> |
| Winding Material                                                                                                                                                     | <b>Aluminium</b>      |
| Inductance                                                                                                                                                           | <b>0.14 mH</b>        |
| Flux Density                                                                                                                                                         | <b>1.8 T</b>          |
| Diaphragm Material                                                                                                                                                   | <b>HT Polymer</b>     |

## MOUNTING AND SHIPPING INFO

Two M5 holes 180° on 52 mm (2.05 in) diameter

|                  |                                              |
|------------------|----------------------------------------------|
| Overall Diameter | <b>60 mm (2.36 in)</b>                       |
| Depth            | <b>36 mm (1.42 in)</b>                       |
| Net Weight       | <b>0.32 kg (0.71 lb)</b>                     |
| Shipping Units   | <b>1 pcs</b>                                 |
| Shipping Weight  | <b>0.35 kg (0.76 lb)</b>                     |
| Shipping Box     | <b>105x105x65 mm<br/>(4.13x4.13x2.56 in)</b> |

## SERVICE KITS

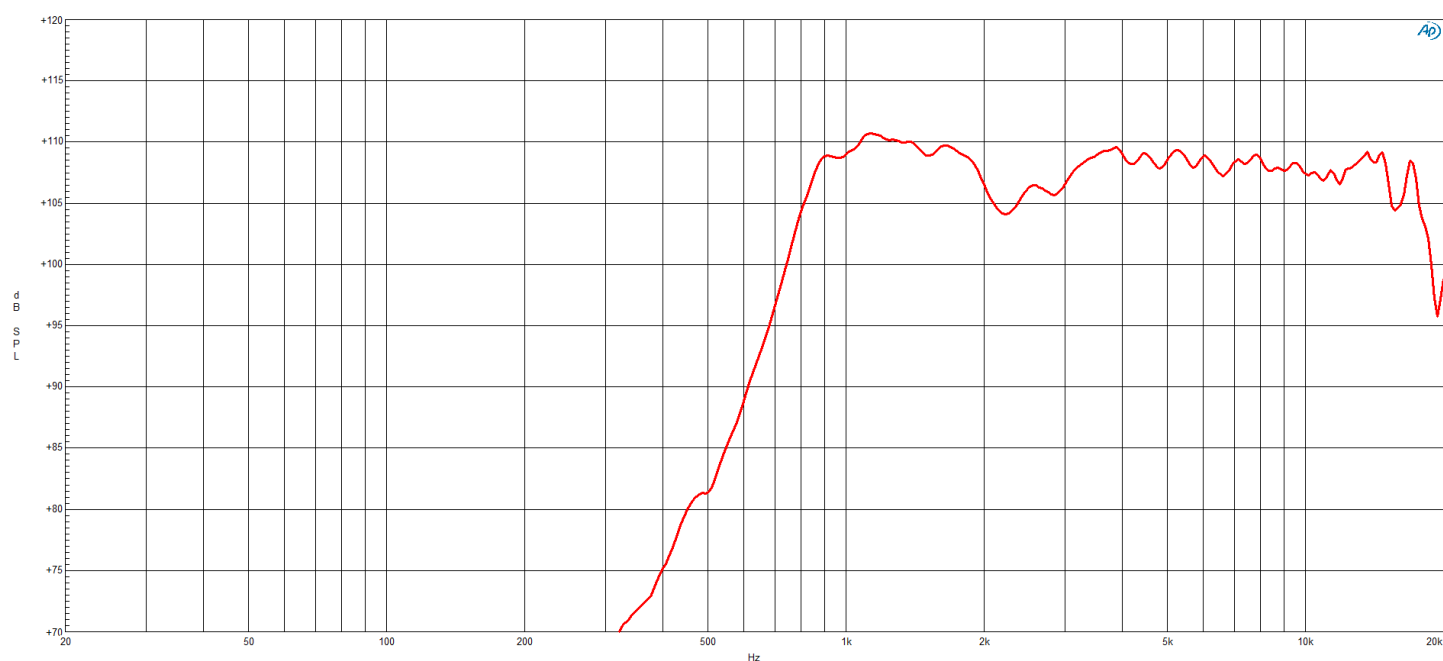
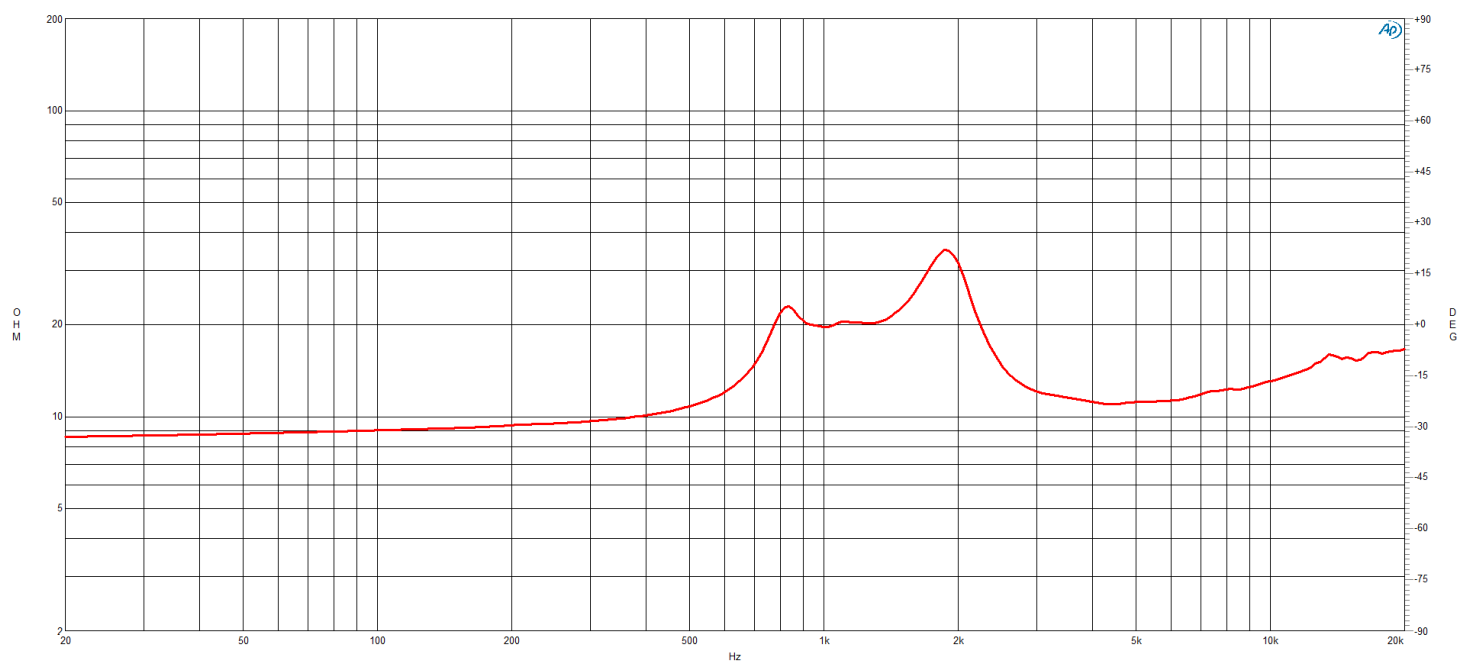
|                          |                   |
|--------------------------|-------------------|
| HF replacement-diaphragm | <b>MMDDE11116</b> |
|--------------------------|-------------------|

- Ultra Compact 60mm diameter
- 70 W continuous program power capacity
- 1" horn throat diameter
- 36 mm (1.4 in) aluminium voice coil
- HT Polymer diaphragm
- 1000 - 17000 Hz response
- 108.5 dB sensitivity

While shrink-ray technology may not have escaped the 1990s, we have succeeded in creating a series of highly compact drivers, not only permitting close spacing but also reducing weight and cost at the same time. The DE111 is a new variant of our DE110, offering a lower crossover frequency of 1.2kHz with its updated ketone polymer suspension and dome. 107dB sensitivity and 50W continuous power handling from a 1.4" voice coil make this tiny driver universally applicable. This driver is primed for consideration in a new generation of lighter, more compact line array loudspeakers.



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