DE111 8 Ω

SPECIFICATIONS

Driver mounted on B&C ME 45 horn.

Throat Diameter	**25 mm (1 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**8 Ω**
Nominal Power Handling 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.	**25 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**50 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**107 dB**
Frequency Range	**1 kHz - 17 kHz**
Recommended Crossover 12 dB/oct. or higher slope high-pass filter.	**1.2 kHz**
Voice Coil Diameter	**36 mm (1.4 in)**
Winding Material	**Aluminium**
Inductance	**0.14 mH**
Flux Density	**1.8 T**
Diaphragm Material	**HT Polymer**

MOUNTING AND SHIPPING INFO

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

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

SERVICE KITS

HF replacement-diaphragm	**MMDDE1118**

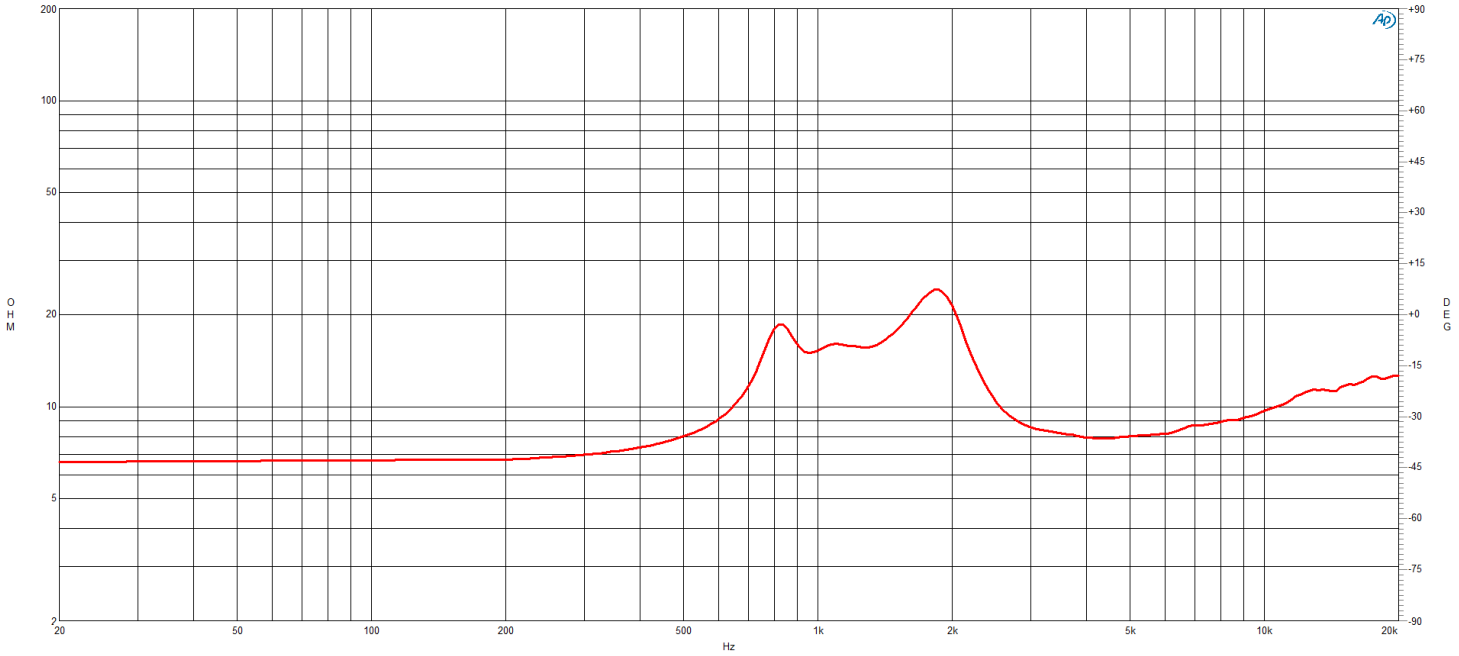
- Ultra Compact 60mm diameter
- 50 W continuous program power capacity
- 1" horn throat diameter
- 36 mm (1.4 in) aluminium voice coil
- HT Polymer diaphragm
- 1000 - 17000 Hz response
- 107 dB sensitivity

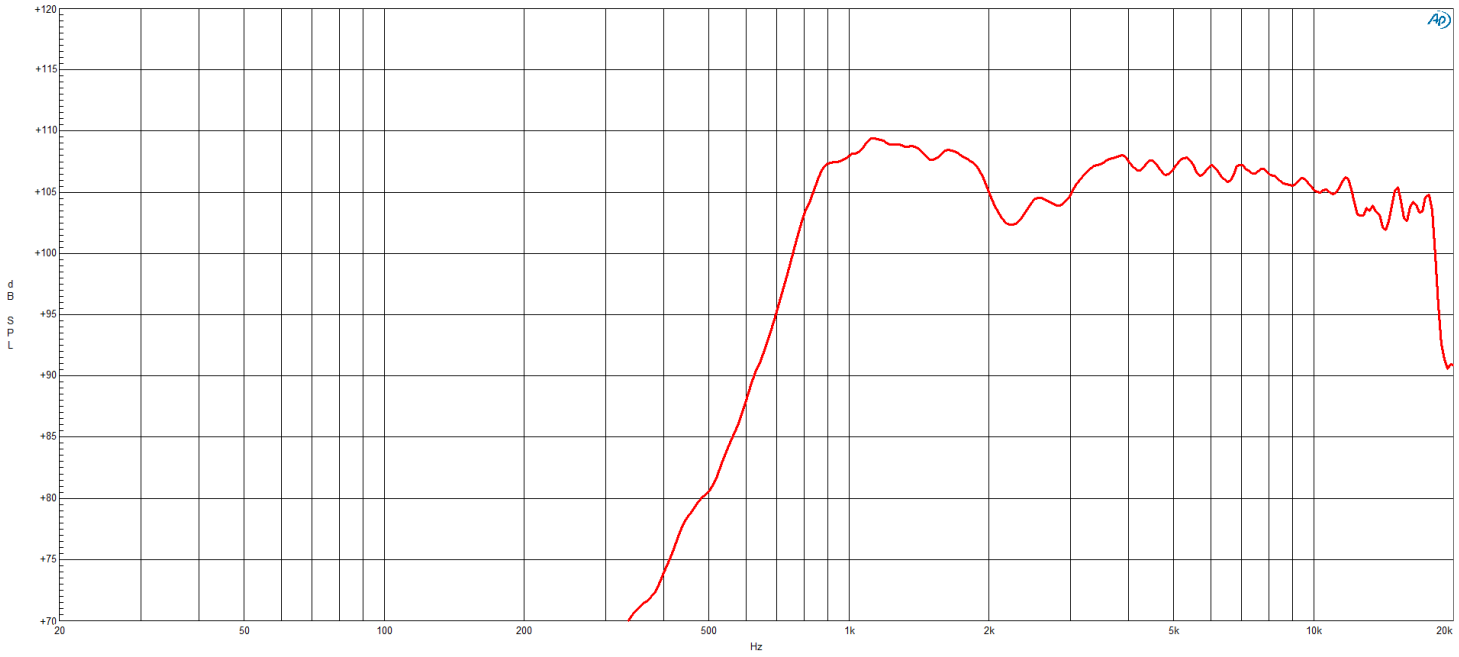
While shrink-ray technology may not have escaped the 1990s, we have succeeded in creating a series of highly compact drivers, not only permitting close spacing but also reducing weight and cost at the same time. The DE111 is a new variant of our DE110, offering a lower crossover frequency of 1.2kHz with 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.



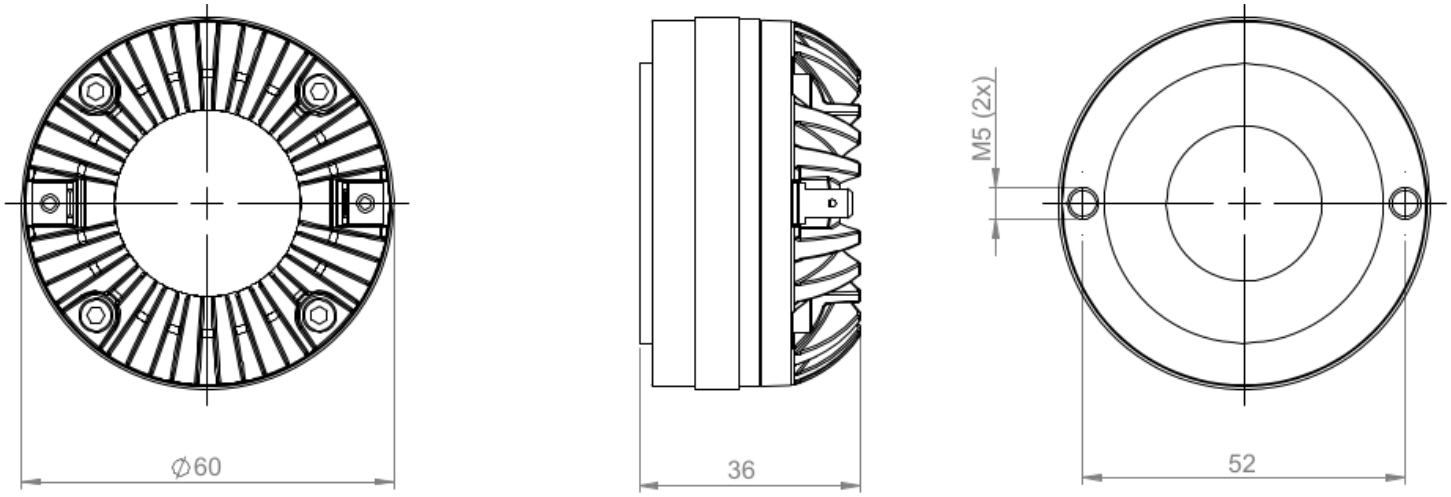
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OHM
DEG
Hz
200
100
50
20
10
5
2
+90
+75
+60
+45
+30
+15
+0
-15
-30
-45
-60
-75
-90
20
50
100
200
500
1k
2k
5k
10k
20k


dB SPL
Hz
+120
+115
+110
+105
+100
+95
+90
+85
+80
+75
+70
20
50
100
200
500
1k
2k
5k
10k
20k

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