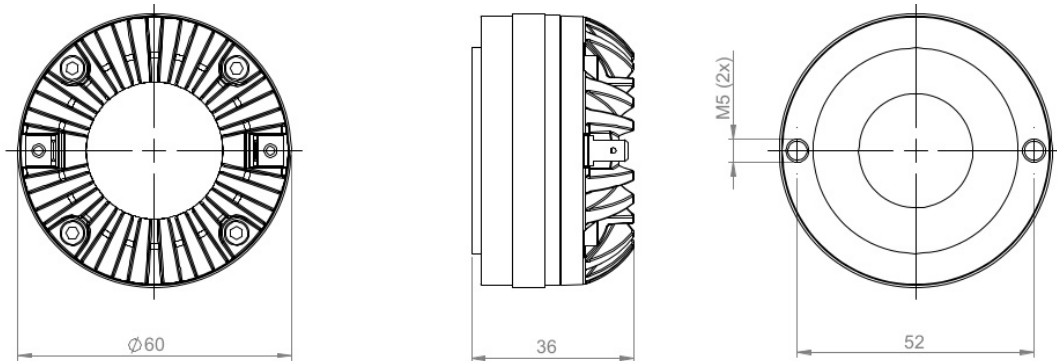


# DE111

**8Ω****HF Drivers - 1.0 Inches**

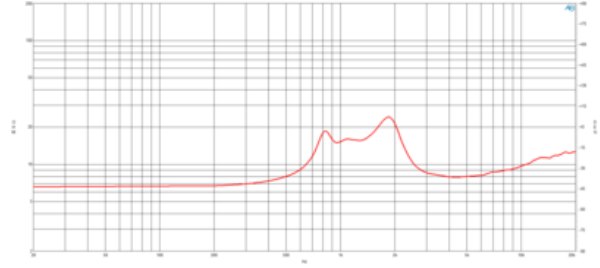
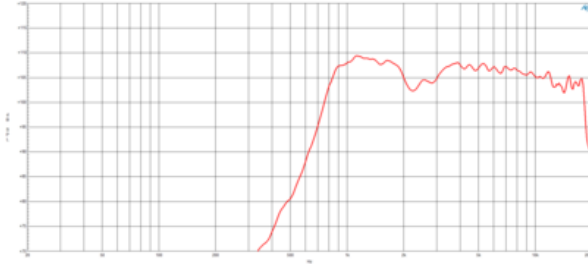
- Ultra Compact 60mm diameter
- 50 W continuous program power capacity
- 1" horn throat diameter
- 36 mm (1.4 in) aluminium voice coil
- HT Polymer diaphragm
- 1000 - 17000 Hz response
- 107 dB sensitivity

## Description

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.

# DE111

## HF Drivers- 1.0 Inches



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

Throat Diameter	25 mm (1.0 in)
Nominal Impedance	8 Ω
Minimum Impedance	8.0 Ω
Nominal Power Handling <sup>2</sup>	25 W
Continuous Power Handling <sup>3</sup>	50 W
Sensitivity <sup>4</sup>	107.0 dB
Frequency Range	1.0 - 17.0 kHz
Recommended Crossover <sup>5</sup>	1.2 kHz
Voice Coil Diameter	36 mm (1.4 in)
Winding Material	Copper Clad Aluminum
Inductance	0.14 mH
Diaphragm Material	HT Polymer
Flux Density	1.8 T
Magnet Material	Neodymium Ring

### 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	8
Shipping Weight	3.2 kg (7.05 lb)
Shipping Box	235x235x165 mm (9.25x9.25x6.50 in)

### REPLACEMENT DIAPHRAGM

MMDE1118

1. Driver mounted on B&C ME 45 horn.
2. 2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated nominal 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.