



DE550

HF Drivers - 1.0 Inches

140 W continuous program power capacity
1" horn throat diameter
51 mm (2 in) aluminium voice coil
HT Polymer diaphragm
1000 - 17000 Hz response
108 dB sensitivity

Specifications¹

Throat diameter	25 mm (1.0 in)
Nominal impedance	8 Ω
Minimum impedance	8.3 Ω
Nominal power handling ²	70 W
Continuous power handling ³	140 W
Sensitivity (1W/1m) ⁴	108.0 dB
Frequency range	1 - 17 kHz
Recommended crossover ⁵	1.2 kHz
Voice coil diameter	51 mm (2.0 in)
Winding material	Aluminium
Inductance	0.14 mH
Diaphragm material	HT Polymer
Flux density	2.0 T
Magnet material	Neodymium Ring

Mounting And Shipping Info

Depth	50 mm (1.97 in)
Net weight	1.25 kg (2.76 lb)
Shipping weight	1.7 kg (3.75 lb)

Replacement Diaphragm

MMD5508

Mounting And Shipping Info

Two M6 holes 180° on 76 mm (3 in) diameter	
Overall diameter	92 mm (3.62 in)

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.