



## DE500

### HF Drivers - 1.0 Inches

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

#### Specifications<sup>1</sup>

Throat diameter	25 mm (1.0 in)
Nominal impedance	8 $\Omega$
Minimum impedance	7.6 $\Omega$
Nominal power handling <sup>2</sup>	50 W
Continuous power handling <sup>3</sup>	100 W
Sensitivity (1W/1m) <sup>4</sup>	107.0 dB
Frequency range	1 - 18 kHz
Recommended crossover <sup>5</sup>	1.5 kHz
Voice coil diameter	44 mm (1.7 in)
Winding material	Aluminium
Inductance	0.11 mH
Diaphragm material	Titanium
Flux density	1.9 T
Magnet material	Neodymium Ring

#### Mounting And Shipping Info

Overall diameter	102 mm (4.0 in)
Depth	51 mm (2.0 in)
Net weight	1.4 kg (3.1 lb)
Shipping units	8
Shipping weight	12.2 kg (28.6 lb)
Shipping box	230x230x160 mm (9x9x6.3 in)

#### Replacement Diaphragm

MMD5008

#### 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

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.