



# DE820TN

## HF Drivers - 1.4 Inches

220 W continuous program power capacity  
 1.4" horn throat diameter  
 75 mm (3 in) aluminium voice coil  
 Titanium diaphragm  
 500 - 18000 Hz response  
 107 dB sensitivity  
 Neodymium magnet assembly with shorting copper cap

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

Throat diameter	36 mm (1.4 in)
Nominal impedance	8 Ω
Minimum impedance	8.5 Ω
Nominal power handling <sup>2</sup>	110 W
Continuous power handling <sup>3</sup>	220 W
Sensitivity (1W/1m) <sup>4</sup>	107.0 dB
Frequency range	1 - 18 kHz
Recommended crossover <sup>5</sup>	1.2 kHz
Voice coil diameter	75 mm (3.0 in)
Winding material	Aluminium
Inductance	0.14 mH
Diaphragm material	Titanium
Flux density	1.85 T
Magnet material	Neodymium Ring

### Mounting And Shipping Info

Depth	55 mm (2.2 in)
Net weight	2.3 kg (5.1 lb)
Shipping units	4
Shipping weight	9.8 kg (21.5 lb)
Shipping box	300x160x180 mm (11.8x6.3x7.5 in)

### Replacement Diaphragm

MMD3CTN8M

### Mounting And Shipping Info

Four M6 holes 90° on 102 mm (4 in) diameter	
Overall diameter	124 mm (4.9 in)

1. Driver mounted on B&C ME 90 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.