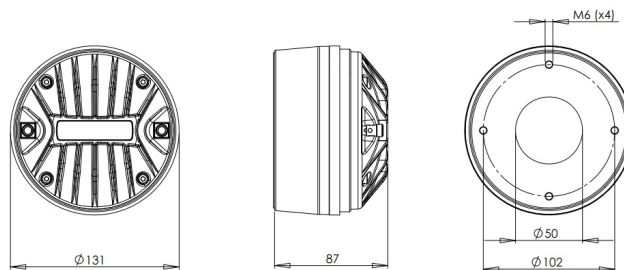


# DE985TN

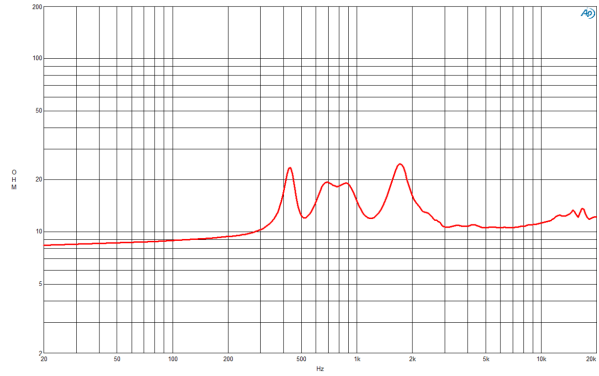
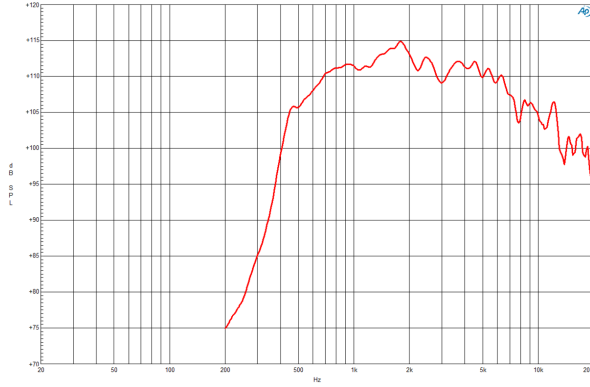
**16Ω****HF Drivers - 2.0 Inches**

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

The DE985TN is the latest version of our premium 75mm (3.0 in) voice coil, neodymium high frequency driver. The diaphragm in this model has been completely redesigned to incorporate a bent edge voice coil former, new dome and surround geometry and an optimized phase plug. These modifications combine to better control diaphragm displacement and deformations, resulting in lower distortion and a smoother higher frequency response above 10kHz.

# DE985TN

HF Drivers- 2.0 Inches



## SPECIFICATIONS<sup>1</sup>

Throat Diameter	50 mm (2.0 in)
Nominal Impedance	16 $\Omega$
Minimum Impedance	10.6 $\Omega$
Nominal Power Handling <sup>2</sup>	110 W
Continuous power handling <sup>3</sup>	220 W
Sensitivity (1W/1m) <sup>4</sup>	109.5 dB
Frequency Range	500.0 - 18.0 kHz
Recommended Crossover <sup>5</sup>	0.8 kHz
Voice Coil Diameter	75 mm (3.0 in)
Winding Material	Aluminium
Inductance	0.1 mH
Diaphragm Material	Titanium
Flux Density	2.05 T
Magnet Material	Neodymium Ring

## MOUNTING AND SHIPPING INFO

Four M6 holes 90° on 102 mm (4 in) diameter	
Overall Diameter	131 mm (5.2 in)
Depth	87 mm (3.44 in)
Net Weight	2.56 kg (5.64 lb)
Shipping Units	1
Shipping Weight	2.63 kg (5.8 lb)
Shipping Box	135x135x93 mm (5.31x5.31x3.66 in)
Other Details	4x M6 Mounting Studs with bolts and washers included

## SERVICE KIT

Replacement diaphragm	MMD3DTN16M
-----------------------	------------

1. Driver mounted on B&C ME60 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 minimum impedance.
3. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
4. Applied RMS Voltage is set to 4 V for 16 ohms Nominal Impedance.
5. 12 dB/oct. or higher slope high-pass filter.