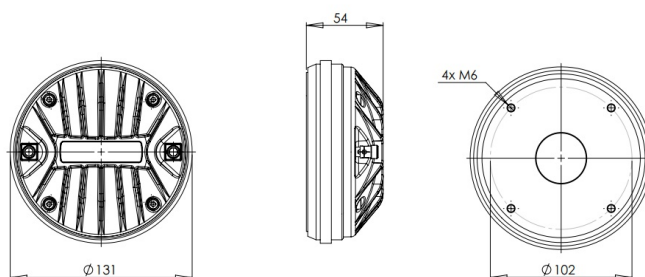


# DE980TN

16Ω

HF Drivers - 1.4 Inches



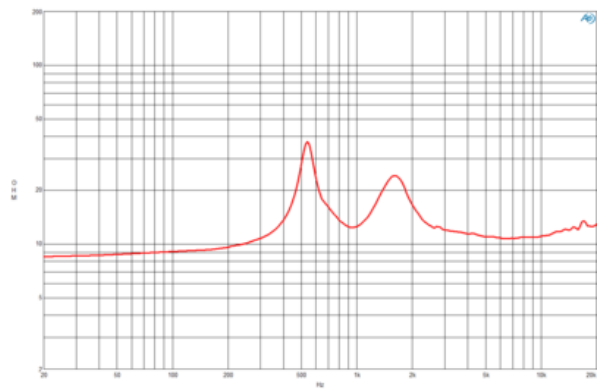
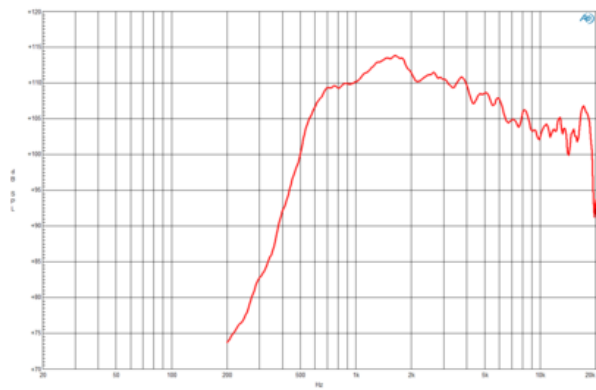
- 220 W continuous program power capacity
- 1.4" horn throat diameter
- 75 mm (3 in) aluminium voice coil
- Titanium diaphragm
- 500 - 18000 Hz response
- 108.5 dB sensitivity
- Neodymium magnet assembly with shorting copper cap

## Title

The DE980TN is the latest version of our 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.

# DE980TN

HF Drivers- 1.4 Inches



SPECIFICATIONS <sup>1</sup>		MOUNTING AND SHIPPING INFO	REPLACEMENT DIAPHRAGM
Throat Diameter	36 mm (1.4 in)	Four M6 holes 90° on 102 mm (4 in) diameter	MMD3DTN16M
Nominal Impedance	16 Ω	Overall Diameter	131 mm (5.2 in)
Minimum Impedance	10.7 Ω	Depth	54 mm (2.13 in)
Nominal Power Handling <sup>2</sup>	110 W	Net Weight	2.3 kg (5.1 lb)
Continuous Power Handling <sup>3</sup>	220 W	Shipping Units	4
Sensitivity <sup>4</sup>	108.5 dB	Shipping Weight	9.8 kg (21.6 lb)
Frequency Range	1.0 - 18.0 kHz	Shipping Box	295x160x180 mm (11.61x6.30x7.09 in)
Recommended Crossover <sup>5</sup>	1.2 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		

1. Driver mounted on B&C ME90 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.