

DE990TN 16 Ω

SPECIFICATIONS

Driver mounted on B&C ME90 horn.

Throat Diameter	36 mm (1.4 in)
Nominal Impedance	16 Ω
Minimum Impedance	11.5 Ω
Nominal Power Handling	100 W
<small>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.</small>	
Continuous Power Handling	200 W
<small>Power on Continuous Program is defined as 3 dB greater than the Nominal rating.</small>	
Sensitivity	108.5 dB
<small>Applied RMS Voltage is set to 4 V for 16 ohms Nominal Impedance.</small>	
Frequency Range	0.5 kHz - 18 kHz
Recommended Crossover	1 kHz
<small>12 dB/oct. or higher slope high-pass filter.</small>	
Voice Coil Diameter	86 mm (3.4 in)
Winding Material	Aluminium
Inductance	0.1 mH
Flux Density	1.9 T
Diaphragm Material	Titanium

MOUNTING AND SHIPPING INFO

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

Overall Diameter	118 mm (4.65 in)
Depth	63 mm (2.48 in)
Net Weight	2 kg (4.41 lb)
Shipping Units	1 pcs
Shipping Weight	2.04 kg (4.5 lb)
Shipping Box	120x120x65 mm (4.72x4.72x2.56 in)

SERVICE KITS

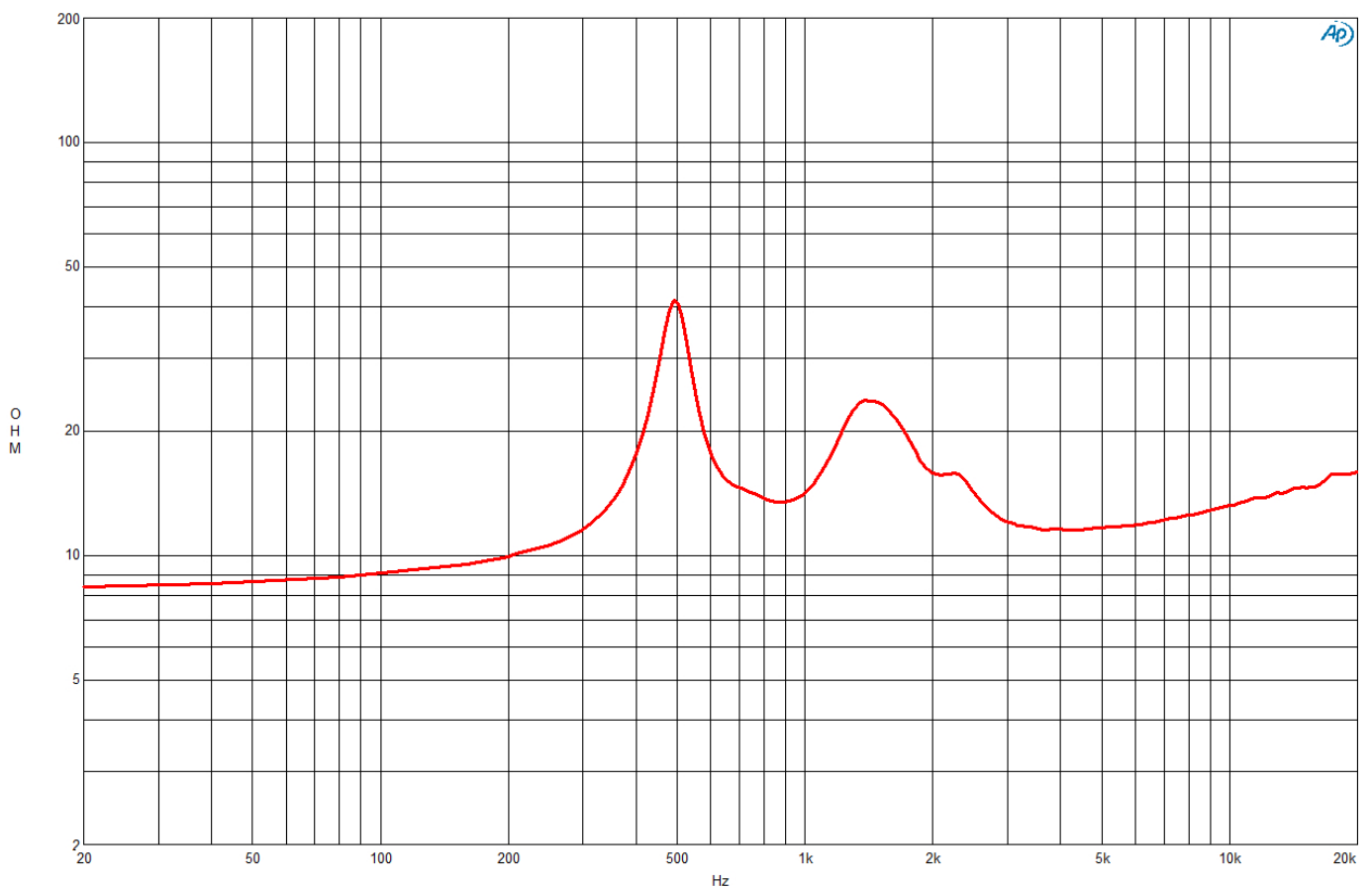
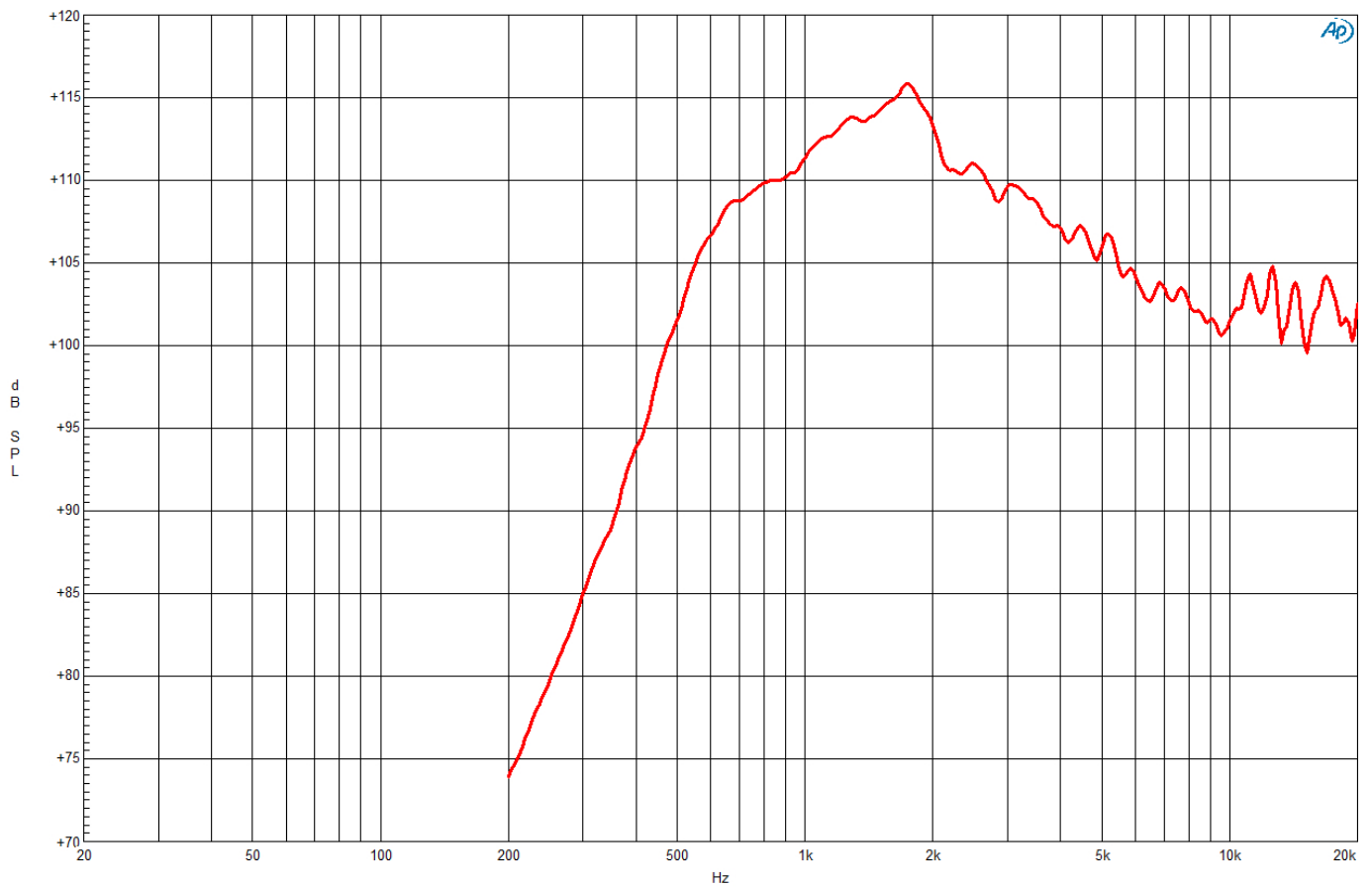
HF replacement-diaphragm	MMD35ETN16M
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- 200 W continuous program power capacity
- 1.4" horn throat diameter
- 86 mm (3.4 in) aluminium voice coil
- Titanium diaphragm
- 500 - 18000 Hz response
- 108.5 dB sensitivity
- Neodymium magnet assembly with shorting copper cap

The DE990TN is a uniquely compact 86mm (3.4 in) voice coil, neodymium high frequency driver. The compact 118mm diameter was achieved using a specially milled inside ring neodymium magnet. The diaphragm used in the DE990TN 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.



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