

DE990TN 8 Ω

SPECIFICATIONS

Driver mounted on B&C ME90 horn

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|---|-------------------------|
| Throat Diameter | 36 mm (1.4 in) |
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 7.6 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 | 107.5 dB |
| <small>Applied RMS Voltage is set to 2.83 V for 8 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

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| 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

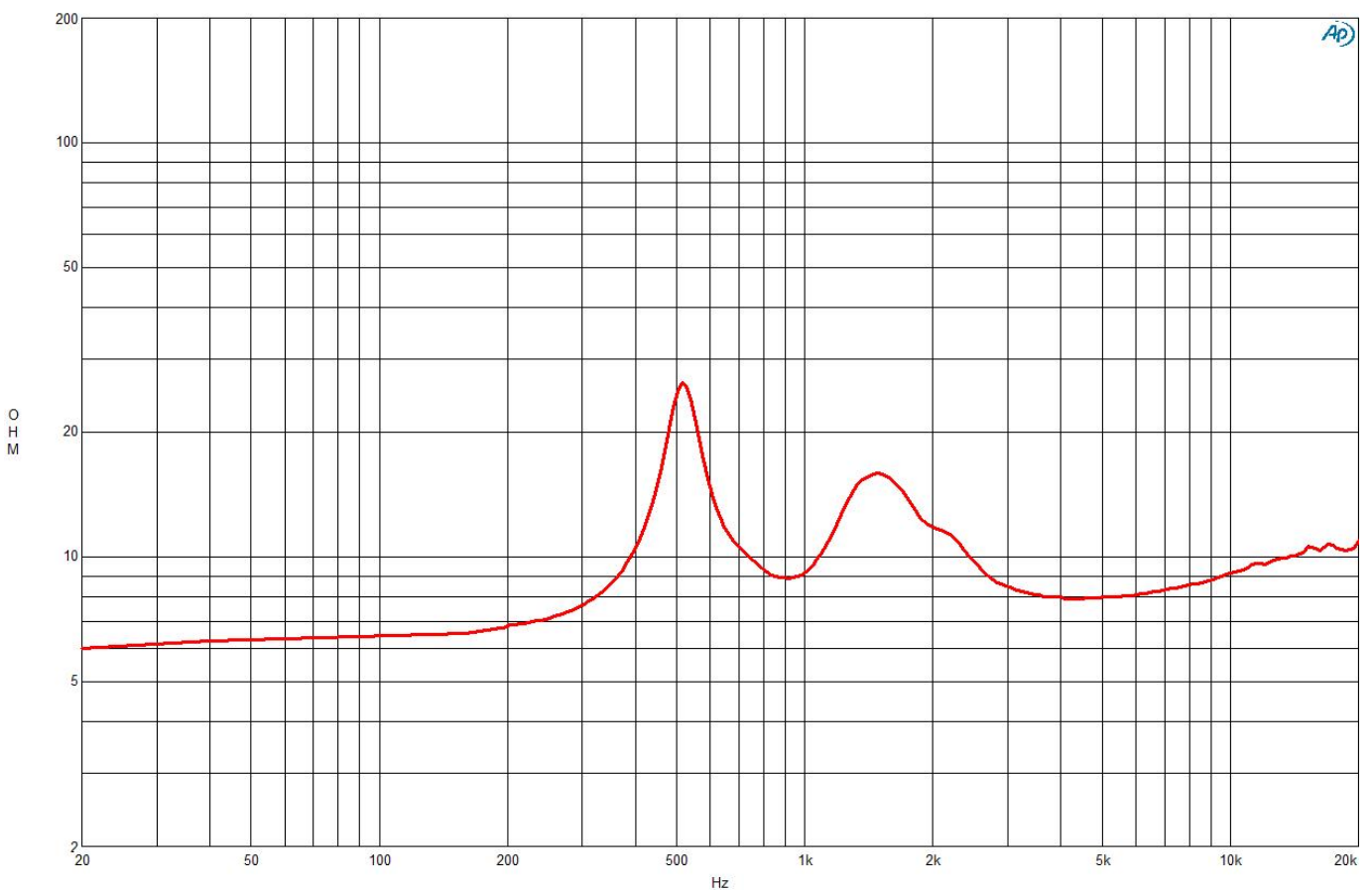
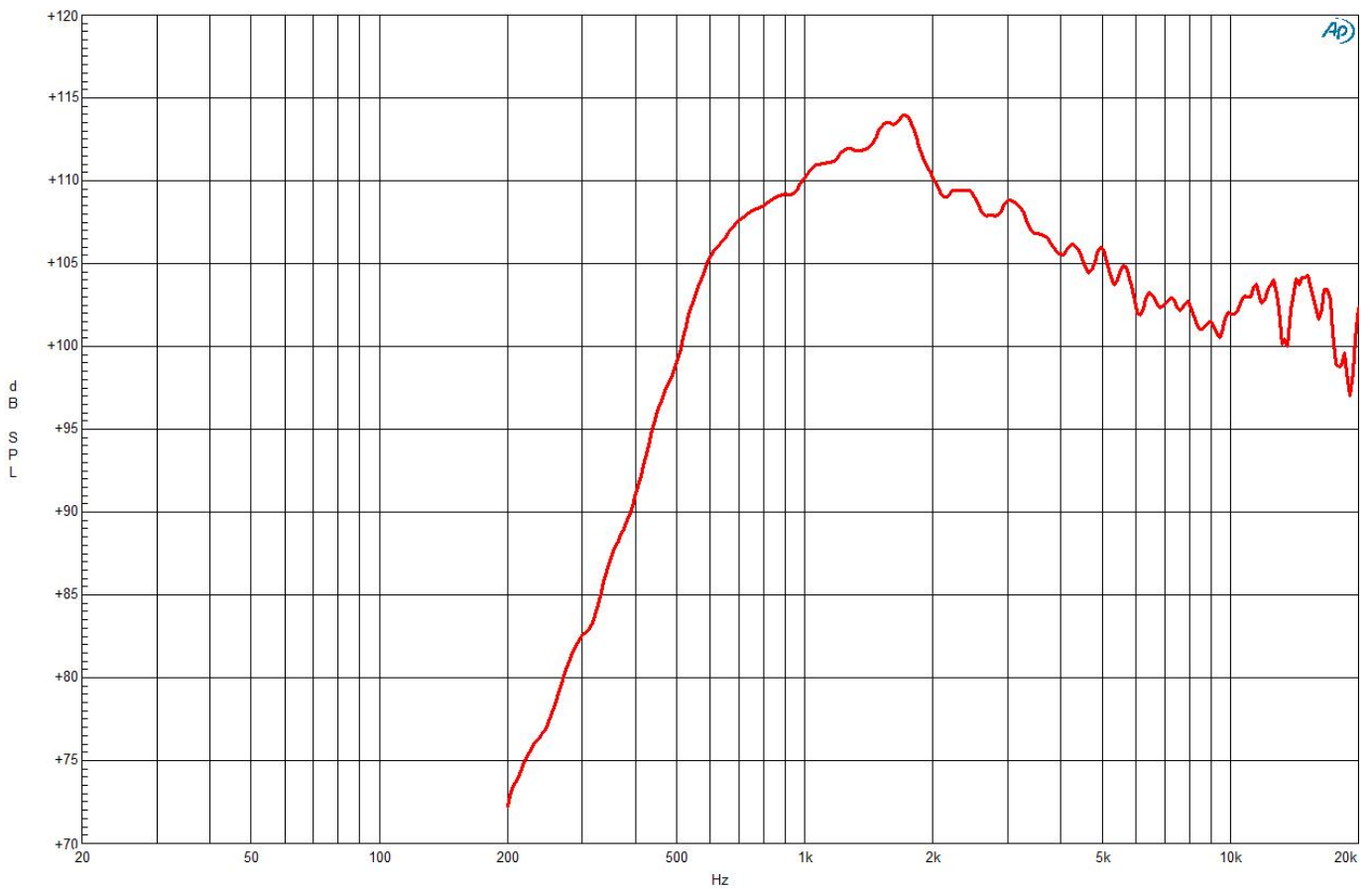
| | |
|--------------------------|-------------------|
| HF replacement-diaphragm | MMD35ETN8M |
|--------------------------|-------------------|

- 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
- 107.5 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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