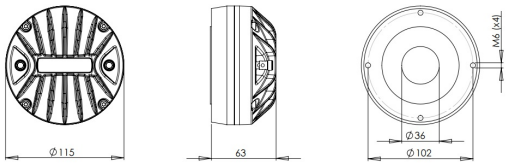
DE990TN

8Ω

HF Drivers - 1.4 Inches



- 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

DESCRIPTION

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.

B&C Speakers s.p.a.

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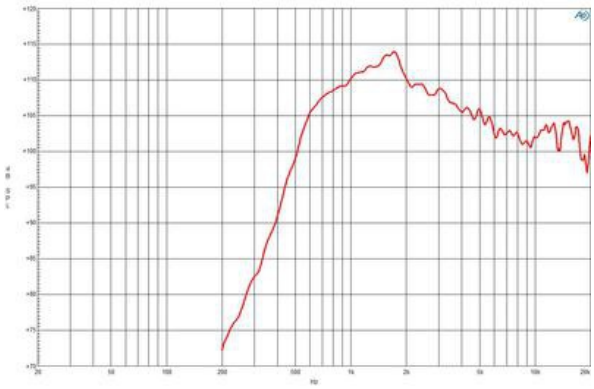
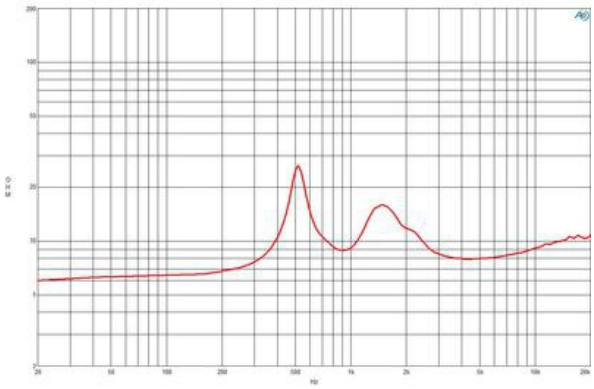
HF Drivers- 1.4 Inches





SPECIFICATIONS[1]

Throat Diameter	36 mm (1.4 in)
Nominal Impedance	8 Ω
Minimum Impedance	7.6 Ω
Nominal Power Handling[2]	100 W
Continuous Power Handling[3]	200 W
Sensitivity[4]	107.5 dB
Frequency Range	500.0 - 18.0 kHz
Recommended Crossover[5]	1.0 kHz
Voice Coil Diameter	86 mm (3.4 in)
Winding Material	Aluminium
Inductance	0.1 mH
Diaphragm Material	Titanium
Flux Density	1.9 T
Magnet Material	Neo Inside Ring

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	1.85 kg (4.08 lb)
Shipping Units	4
Shipping Weight	8.0 kg (17.64 lb)
Shipping Box	265x135x170 mm (10.43x5.31x6.69 in)

REPLACEMENT DIAPHRAGM

MMD990TN8

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.

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