



TM90L-50 4Ω Available COMPRESSION DRIVER



KEY FEATURES

- 115dB 1W/1m sensitivity
- 2in horn throat diameter
- 150W AES power handling
- 300Hz-7kHz frequency response
- 88.9mm (3.5in) copper clad aluminum voice coil
- Polymer diaphragm
- Neodymium inside slug magnetic structure
- Suitable for middle range driver of multi-way systems

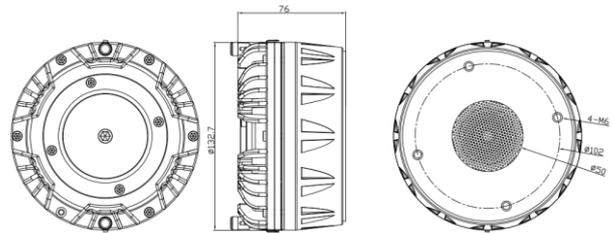
GENERAL SPECIFICATIONS¹

Part Number	TM90L-50
Throat Diameter	50mm (2in)
Nominal Impedance	8Ω
Minimum Impedance	6.4Ω at 3500Hz
AES Power Handling ²	150W above 400Hz
Maximum Power Handling ³	300W above 500Hz
Sensitivity (1W/1m) ⁴	115dB
Recommended Crossover ⁵	400Hz
Frequency Range	300Hz-7kHz
Voice Coil Diameter	88.9mm
Winding Material	Copper Clad Aluminum (2 layers in and outside)
Former Material	Kapton
Flux Density	1.9T
Diaphragm Material	Polymer
Phase Plug Material	Plastic
Cover Material	Cast Aluminum
Magnet Material	Neodymium
Net Weight	1.9kg

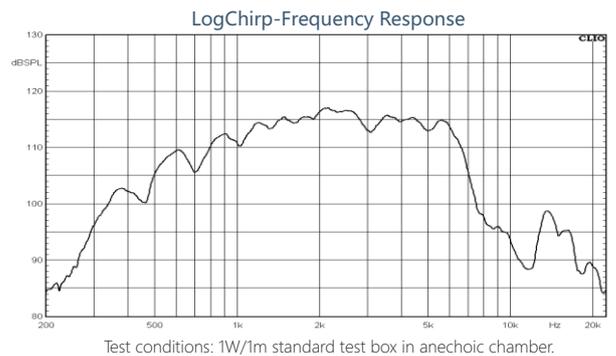
NOTES

1. Driver mounted on 200×145×250H horn.
2. Two hours test according to AES 2-1984 Rev. 2003.
Power calculated on rated minimum impedance.
3. Maximum power is defined as 3dB greater than Nominal power.
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.
6. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

MECHANICAL DRAWING



FREQUENCY RESPONSE CURVE



IMPEDANCE CURVE

