



TC9090-8 4Ω Available COMPRESSION DRIVER



KEY FEATURES

- Dual 3.5in voice coil and annular diaphragm
- 119dB 2×1W/1m sensitivity
- 2in horn throat diameter
- 400W AES power handling
- 200Hz-9kHz frequency response
- Polymer diaphragm
- Neodymium inside slug magnetic structure
- Suitable for middle range driver of multi-way systems

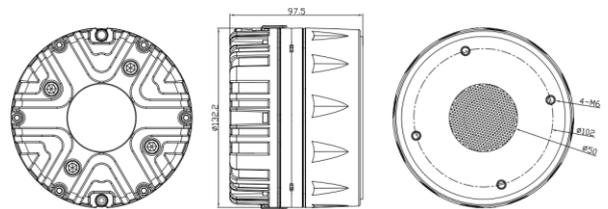
GENERAL SPECIFICATIONS¹

Part Number	TC9090-8
Throat Diameter	50mm (2in)
Nominal Impedance	8Ω (2×16ohm)
Minimum Impedance	5.8Ω at 700Hz (2×16ohm)
AES Power Handling ²	400W (2×200W above 300Hz)
Maximum Power Handling ³	800W (2×400W above 400Hz)
Sensitivity (2x1W/1m) ⁴	119dB
Recommended Crossover ⁵	250Hz
Frequency Range	200Hz-9kHz
Voice Coil Diameter	2×88.9mm
Winding Material	Copper Clad Aluminum (2 layers in and outside)
Former Material	Kapton
Flux Density	1.95T
Diaphragm Material	Polymer
Phase Plug Material	Plastic
Cover Material	Cast Aluminum
Magnet Material	Neodymium
Net Weight	3.1kg

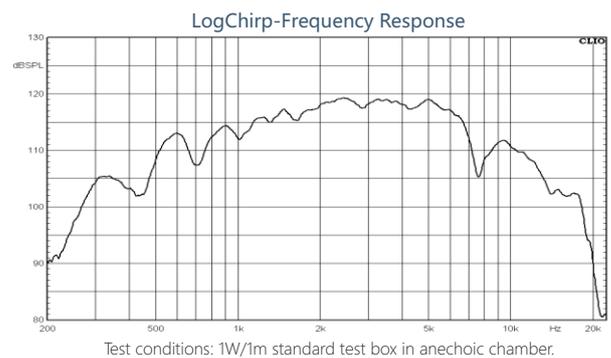
NOTES

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 4 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

