The W14CY-001 is a 5" cone driver developed for use as a high fidelity Woofer or Woofer/Midrange unit. The extremely stiff, yet light cone gives tremendous bass precision and midrange detail.

SPECIAL FEATURES:

Precision cast and surface treated magnesium cone coupled to a natural rubber surround showing no sign of midrange (edge) resonances.

Large magnet system for improved sensitivity and transient response.

Heavy copper rings mounted above and below the T-shaped pole piece, to reduce non linear and modulation distortion and to increase overload margin.

Copper plating of the top and bottom plates and a solid copper phase plug, which enhances the performance of the copper rings and improve heat conduction away from the pole piece.

Gold plated terminals mounted on a stiff bakelite plate to reduce contact resistance and improve reliability.

Stiff and stable injection moulded metal basket to keep the critical components in perfect alignment.

**Technical Specifications:**

- Nominal Impedance: 4 Ohms
- Recommended Frequency Range: 20-20000 Hz
- Short Term Maximum Power: 300 W
- Long Term Maximum Power: 70 W
- Characteristic Sensitivity (1 W, 1 m): 97 dB SPL
- Operating Power (15% distortion): 9.0 W
- Voice Coil Diameter: 26 mm
- Voice Coil Height: 16 mm
- Air Gap Height: 4.4 mm
- Nominal Travel (x-y): 8.6 mm
- Maximum Travel (x-y): 16 mm
- Magnetic Gap Flux Density: 1.18 T
- Magnetic Weight: 0.23 Kg
- Total Weight: 1.21 Kg

**Response Curve:**

The response curve was recorded in an anechoic chamber (Free-field, 4 pi rad) with 0.5m microphone distance. The loudspeaker is mounted in a closed box of 7.0 l, volume.

**Distortion:**

Distortion on axis in % between 25 and 2000 Hz at operating power.