Headphone Measurements: Astrotec AX35

**Headphone Measurements**

- Volts RMS required to reach 90dB SPL: 0.022 Vrms
- Impedance @ 1kHz: 14 Ohms
- Power Needed for 90dB SPL: 0.04 mW
- Broadband Isolation in dB (100Hz to 10kHz): -16 dB

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**Frequency Response**

Top - Compensated and Averaged
Bottom - Raw Measured Data

**Impulse Response**

**Isolation**
Attenuation of External Sound vs. Frequency

**Electrical Impedance and Phase**
Measured with 600 Ohm output impedance.

**%THD+noise @ 90dB and 100dB**

**30 Hz Square Wave**

**300 Hz Square Wave**

**Volts RMS required to reach 90dB SPL:** 0.022 Vrms
**Impedance @ 1kHz:** 14 Ohms
**Power Needed for 90dB SPL:** 0.04 mW
**Broadband Isolation in dB (100Hz to 10kHz):** -16 dB

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