Headphone Measurements: AKG K81DJ

**Headphone Measurements**

- **Volts RMS required to reach 90dB SPL**: 0.060 Vrms
- **Impedance @ 1kHz**: 35 Ohms
- **Power Needed for 90dB SPL**: 0.10 mW
- **Broadband Isolation in dB (100Hz to 10kHz)**: -15 dBr

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**Frequency Response**

Top - Compensated and Averaged
Bottom - Raw Data for Five Headphone Positions

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

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

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

**30 Hz Square Wave**

**300 Hz Square Wave**

**Impulse Response**

- **Volts RMS required to reach 90dB SPL**: 0.060 Vrms
- **Impedance @ 1kHz**: 35 Ohms
- **Power Needed for 90dB SPL**: 0.10 mW
- **Broadband Isolation in dB (100Hz to 10kHz)**: -15 dBr

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