Headphone Measurements:  

**HIFIMAN HE-4**

**Headphone Measurements**

Volts RMS required to reach 90dB SPL: 0.647 Vrms

Impedance @ 1kHz: 39 Ohms

Power Needed for 90d BSPL 10.60 mW

Broadband Isolation in dB (100Hz to 10kHz): -1 dBr

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**Frequency Response**

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

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**Isolation**

Attenuation of External Sound vs. Frequency

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**Impulse Response**

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**Electrical Impedance and Phase**

Measured with 600 Ohm output impedance.

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

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**30 Hz Square Wave**

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**300 Hz Square Wave**

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