Headphone Measurements: AKG Quincy Jones Q460

Headphone Measurements:

**Volts RMS required to reach 90dB SPL:** 0.023 Vrms

**Impedance @ 1kHz:** 35 Ohms

**Power Needed for 90d BSPL:** 0.01 mW

**Broadband Isolation in dB (100Hz to 10kHz):** -12 dB

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

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

**Impulse Response**

**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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**Distinct Waveforms**
Volts RMS required to reach 90dB SPL: 0.023 Vrms
Impedance @ 1kHz: 35 Ohms
Power Needed for 90d BSPL: 0.01 mW
Broadband Isolation in dB (100Hz to 10kHz): -12 dB