**Headphone Measurements:**

**HiSoundAudio Hiphone HP4**

**Headphone Measurements:**

- **Volts RMS required to reach 90dB SPL:** 0.041 Vrms
- **Impedance @ 1kHz:** 16 Ohms
- **Power Needed for 90dB SPL:** 0.10 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** -27 dB

**Frequency Response**

*Top - Compensated and Averaged*

*Bottom - Raw Measured Data*

**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**

**Impulse Response**

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