Headphone Measurements: Philips Fidelio L1

**Headphone Measurements:**

- Volts RMS required to reach 90dB SPL: 0.139 Vrms
- Impedance @ 1kHz: 28 Ohms
- Power Needed for 90dB SPL: 0.69 mW
- Broadband Isolation in dB (100Hz to 10kHz): -9 dBr

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

**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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