Headphone Measurements:  
Grado GS1000

**Headphone Measurements:**

- **Volts RMS required to reach 90dB SPL:** 0.188 Vrms
- **Impedance @ 1kHz:** 33 Ohms
- **Power Needed for 90d BSPL:** 1.06 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** -2 dBr

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**Graphs:**

- **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**

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