### Headphone Measurements: Grado GR8

**Headphone Measurements**

- **Volts RMS required to reach 90dB SPL:** 0.025 Vrms
- **Impedance @ 1kHz:** 99 Ohms
- **Power Needed for 90dB SPL:** 0.01 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** -27 dB

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**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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