Headphone Measurements: HIFIMAN IE400

**Headphone Measurements:**

**Volts RMS required to reach 90dB SPL:** 0.029 Vrms

**Impedance @ 1kHz:** 36 Ohms

**Power Needed for 90dB SPL:** 0.02 mW

**Broadband Isolation in dB (100Hz to 10kHz):** -25 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.

**30 Hz Square Wave**

**%THD+noise @ 90dB and 100dB**

**300 Hz Square Wave**

---

**Impulse Response**

---

---

---