Headphone Measurements: Lenntek Pro Series

**Headphone Measurements:**

- **Volts RMS required to reach 90dB SPL:** 0.012 Vrms
- **Impedance @ 1kHz:** 27 Ohms
- **Power Needed for 90dB SPL:** 0.01 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** -29 dB

**Graphs:**

- **Frequency Response:**
  - Top: Compensated and Averaged
  - Bottom: Raw Measured Data
- **Isolation:**
  - Attenuation of External Sound vs. Frequency
- **Impulse Response:**
  - Response vs. Time
- **Frequency Response:**
  - Amplitude in dB vs. Frequency
- **%THD+noise @ 90dB and 100dB:**
  - Red Measured Data vs. Frequency
- **30 Hz Square Wave:**
- **300 Hz Square Wave:**
- **%THD+noise @ 90dB and 100dB:**
  - Reduction in dB vs. Frequency
- **Impulse Response:**
  - Voltage vs. Time

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