Headphone Measurements:

Echobox Finder X1 White Filter

- **Volts RMS required to reach 90dB SPL**: 0.055 Vrms
- **Impedance @ 1kHz**: 23 Ohms
- **Power Needed for 90d BSPL**: 0.13 mW
- **Broadband Isolation in dB (100Hz to 10kHz)**: -18 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**

Volts RMS required to reach 90dB SPL: 0.055 Vrms
Impedance @ 1kHz: 23 Ohms
Power Needed for 90d BSPL: 0.13 mW
Broadband Isolation in dB (100Hz to 10kHz): -18 dB