Headphone Measurements: Audeze LCD-4

**Volts RMS required to reach 90dB SPL:** 0.482 Vrms

**Impedance @ 1kHz:** 206 Ohms

**Power Needed for 90dB SPL:** 1.13 mW

**Broadband Isolation in dB (100Hz to 10kHz):** -2 dB

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**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**

**Impulse Response**

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**Headphone Measurements:**

**Audeze LCD4 sn 4142948**

**Volts RMS required to reach 90dB SPL:** 0.402 Vrms

**Impedance @ 1kHz:** 242 Ohms

**Power Needed for 90d BSPL:** 0.67 mW

**Broadband Isolation in dB (100Hz to 10kHz):** -2 dBr

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**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**

**Impulse Response**

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**Headphone Measurements: Audeze LCD4 sn4142923 Katz**

- **Volts RMS required to reach 90dB SPL:** 0.399 Vrms
- **Impedance @ 1kHz:** 207 Ohms
- **Power Needed for 90dB SPL:** 0.77 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** 4 dB

**Impulse Response**

- **30 Hz Square Wave**
- **300 Hz Square Wave**

**Isolation**

Attenuation of External Sound vs. Frequency

**Electrical Impedance and Phase**

Measured with 600 Ohm output impedance.

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

**Frequency Response**

Top - Compensated and Averaged
Bottom - Raw Data for Five Headphone Positions

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**Headphone Measurements:**

Audeze LCD4 sn4142923 Katz
2nd Measurement

**Frequency Response**
- Top - Compensated and Averaged
- Bottom - Raw Data for Five Headphone Positions

**Impulse Response**

**Electrical Impedance and Phase**
- Measured with 600 Ohm output impedance.

**Isolation**
- Attenuation of External Sound vs. Frequency

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

**30 Hz Square Wave**

**300 Hz Square Wave**

**Voltage RMS required to reach 90dB SPL:** 0.448 Vrms
**Impedance @ 1kHz:** 209 Ohms
**Power Needed for 90dB SPL:** 0.96 mW
**Broadband Isolation in dB (100Hz to 10kHz):** 5 dB

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Headphone Measurements: Audeze LCD4 sn4142923 Katz 3rd Measurement

Headphone Measurements:

- **Volts RMS required to reach 90dB SPL:** 0.430 Vrms
- **Impedance @ 1kHz:** 205 Ohms
- **Power Needed for 90dB SPL:** 0.90 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** 5 dB

![Frequency Response](image1)
- Frequency Response
  - Top - Compensated and Averaged
  - Bottom - Raw Data for Five Headphone Positions

![Isolation](image2)
- Isolation
  - Attenuation of External Sound vs. Frequency

![Electrical Impedance and Phase](image3)
- Electrical Impedance and Phase
  - Measured with 600 Ohm output impedance

![%THD+noise @ 90dB and 100dB](image4)
- %THD+noise @ 90dB and 100dB

![Impulse Response](image5)
- Impulse Response

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