**Headphone Measurements:**

Yamaha YH3 - DIY Modified - rhythmdevils

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**Impedance**

- **Volts RMS required to reach 90dB SPL:** 0.736 Vrms
- **Impedance @ 1kHz:** 126 Ohms
- **Power Needed for 90dB SPL:** 4.29 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** -5 dB

**Electrical Impedance and Phase**

- Measured with 600 Ohm output impedance.

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**Frequency Response**

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

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**Isolation**

- Attenuation of External Sound vs. Frequency

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

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**30 Hz Square Wave**

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**300 Hz Square Wave**

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**Impulse Response**

- Volts RMS required to reach 90dB SPL: 0.736 Vrms
- Impedance @ 1kHz: 126 Ohms
- Power Needed for 90dB SPL: 4.29 mW
- Broadband Isolation in dB (100Hz to 10kHz): -5 dB

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