Headphone Measurements: Yamaha HP3

Headphone Measurements:

- **Volts RMS required to reach 90dB SPL**: 0.254 Vrms
- **Impedance @ 1kHz**: 142 Ohms
- **Power Needed for 90dB SPL**: 0.46 mW
- **Broadband Isolation in dB (100Hz to 10kHz)**: -5 dBr

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

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

**Impulse Response**
- Measured with 600 Ohm output impedance

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

**30 Hz Square Wave**

**300 Hz Square Wave**

**Amplification (dB)**

**Impedance in Ohms**

**Phase in Degrees**

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