**Headphone Measurements: Yamaha HPH MT220**

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- **Volts RMS required to reach 90dB SPL:** 0.037 Vrms
- **Impedance @ 1kHz:** 39 Ohms
- **Power Needed for 90dB SPL:** 0.03 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** -17 dB

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

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

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

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

**30 Hz Square Wave**

**300 Hz Square Wave**

**Impulse Response**

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