**Headphone Measurements: Phiaton PS 20**

- **Volts RMS required to reach 90dB SPL:** 0.022 Vrms
- **Impedance @ 1kHz:** 32 Ohms
- **Power Needed for 90dB SPL:** 0.02 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** -7 dBr

---

**Frequency Response**
- Top: Compensated and Averaged
- Bottom: Raw Measured Data

**Impulse Response**

---

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

---

**30 Hz Square Wave**

---

**300 Hz Square Wave**

---

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

---

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

---

**Impedance**
- **Amplitude (dB):**
  -50 to 0 dB
- **Impedance in Ohms:**
  -60 to 0 Ohms
- **Phase in Degrees:**
  -60 to 0 degrees

---

**Time in Seconds**
- 0.00 to 0.10 seconds

---

**Volts**
- Right
- Left

---

Copyright © SOURCE INTERLINK MEDIA All rights reserved.