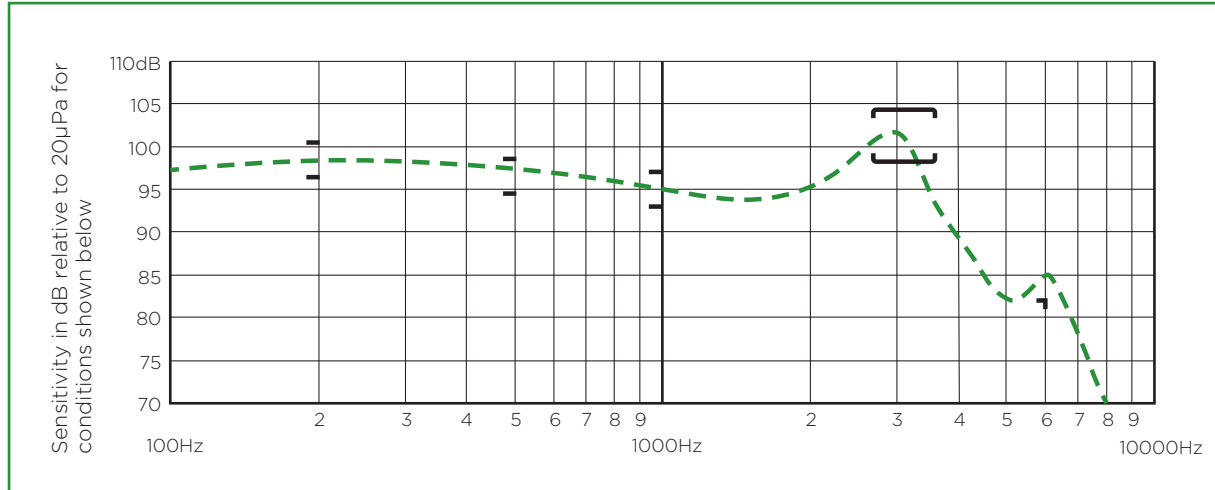


THE SIDEKICK IN-EAR MONITOR SPECIFICATIONS



ACOUSTICAL

SENSITIVITY

Device will produce the SPL listed below under test conditions described in the Table 3.

Nominal sensitivity at 1kHz is dB relative to 20µPa. All other values in dB relative to the sensitivity at 1kHz.

Table 1

Frequency (Hz)	Minimum	Nominal	Maximum
200	+1.5	+3.5	-5.5
500	-0.5	+1.5	+3.5
1000	-2.0	95.0	+2.0
2250 - 3250	+3.5	+6.5	+9.5
6000	-13.0	---	---

Port location: 12S
Solder type: SAC305

Temperature

Operate: Sensitivity will not vary more than +1/-3 dB from -17°C to 63°C

Storage: -40°C to 63°C

TOTAL HARMONIC DISTORTION

Device will not exceed total harmonic distortion levels listed below.

Table 2

Frequency (Hz)	AC Drive (Vrms)	DC Bias (Vrms)	Limit (%)
920	0.40	0	5
1380	0.40	0	5
920	1.13	0	10

TEST CONDITIONS

Table 3

Nominal Source Voltage	0.40 Vrms, 0 mA DC Bias
Source Impedance	<1 Ohm
Tubing	10mm [.394"] Long, 1mm [.039"] I.D.
Coupler Cavity	2 cm ³ , Simulated Ansi S3.7 Type HA-3 (IEC-60318-5)

ELECTRICAL

Table 4

DB Resistance	580 Ohm ± 10%
Impedance @ 500 Hz	740 Ohm ± 15%
Impedance @ 1kHz	1030 Ohm ± 15%

Isolation: case will be electrically isolated from the coil circuit.