

Songbird® Flexfit™ Technical Information

Tested in accordance with ANSI S3.22-2003

FIGURE 1. OSPL Curves @ 50/60/90 dB SPL Input

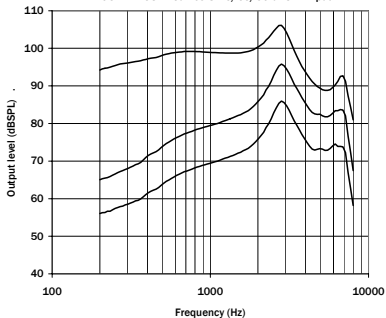
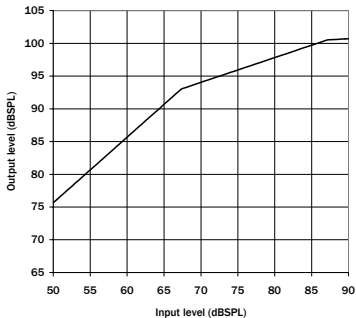


FIGURE 2. Input/Output Function @ 2000 Hz



MAX OSPL90	112.7 dB SPL (max)
HFA - OPSL90	100.8 dB
HFA - FOG at 60 dB SPL	25.0 dB
Frequency Range	200 - 8000 Hz
Equivalent Input Noise	34 dB SPL max
Attack Time	2.5 ms (typ), 5.0 ms (max)
Release Time	62 ms (typ), 350 ms (max)

Harmonic Distortion:	
500 Hz / 70 dB SPL	0.3 % max
800 Hz / 70 dB SPL	0.6 % max
1600 Hz / 65 dB SPL	0.9 % max

Battery Current: 0.35 mA avg.