



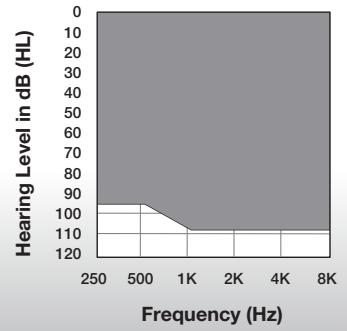
# Starkey | Technical Data

## BTE 13

### Behind-The-Ear

#### Fitting Range

● BTE 13 70



Evolv AI 2400 | 2000 | 1600

#### Color Guide

##### Standard Colors



#### 2.4 GHz Accessory Compatibility

- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- 2.4 GHz Programmer

#### Patient Features

- IP Rating: 68
- Tinnitus Technology
- Telecoil
- Wireless Connectivity
- CROS System

#### Evolv AI Technology

- Healthable hearing technology with embedded sensors and artificial intelligence

	Earhook		Size 3, Occluded Thin Tube	
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Measurement	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	130	136	124	129
HFA OSPL90 (dB SPL)	122	N/A	112	N/A
RTF OSPL90 (dB SPL)	N/A	134	N/A	114
Peak Gain (dB)	70	76	68	73
HFA Full-On Gain (dB)	62	N/A	57	N/A
RTF Full-On Gain (dB)	N/A	73	N/A	61

Frequency Range (Hz)	<100-7600	<100-7800	<100-4600	<100-6800
Reference Test Freq. (kHz)	N/A	1.6	N/A	1.6
HFA Frequencies (kHz)	1.0, 1.6, 2.5	N/A	1.0, 1.6, 2.5	N/A
Reference Test Gain (dB)	45	59	35	39
Equivalent Input Noise (dB)	24	18	29	29

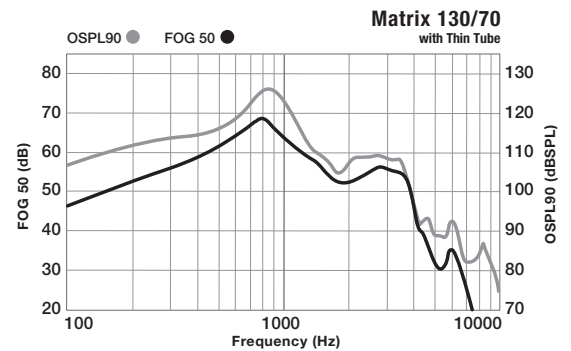
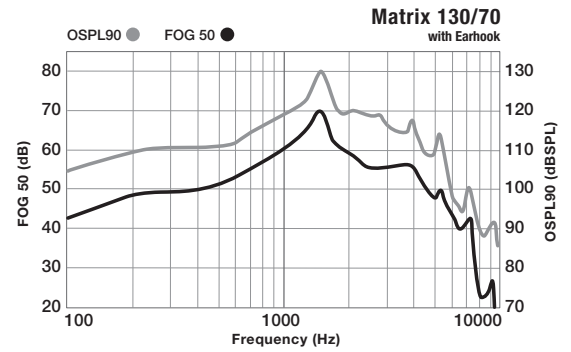
Harmonic Distortion				
500 Hz (%)	<3	<3	<3	<3
800 Hz (%)	<5	<5	<3	<3
1600 Hz (%)	<2	<2	<2	<2

Induction Coil Sensitivity				
HFA SPLITS (ANSI) (dB SPL)	101	N/A	91	N/A
MASL (IEC) (dB SPL)	92	N/A	88	N/A
Battery Current (mA)	1.9*	1.8*	1.9*	1.8*
Idle Current (ma)	1.7*	1.7*	1.7*	1.7*

Estimated Battery Life for 16-Hour Day				
13 Zinc Air (days)	7-11*	7-11*	7-11*	7-11*

Tinnitus Therapy Stimulus				
Max RMS Output (dB SPL)	87		87	
Weighted RMS Output Level (dB SPL)	87		87	
Max 1/3 Octave Output (dB SPL)	87		87	

#### Matrices: 130/70 Battery Size: 13



\*Results will vary based on wireless usage.



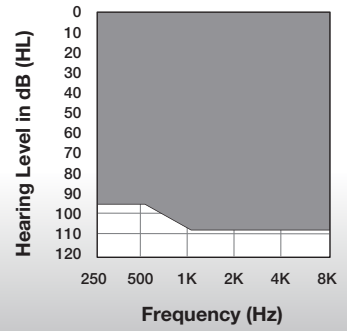
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### Evolv AI 1200 | 1000

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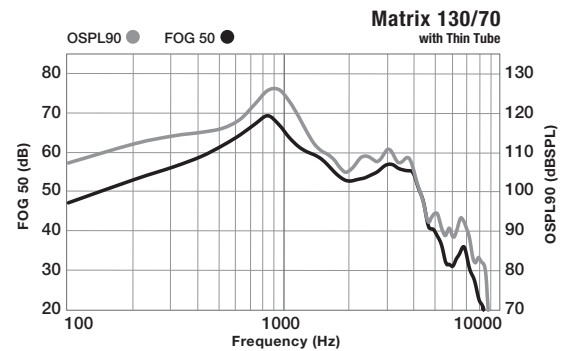
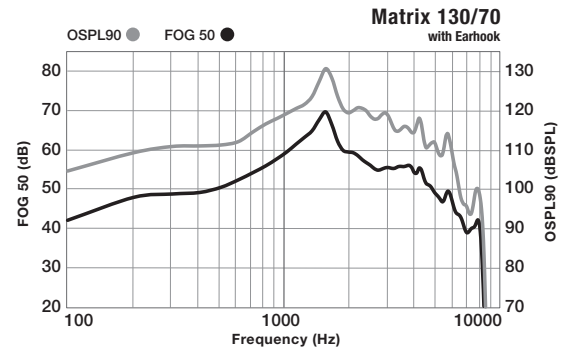
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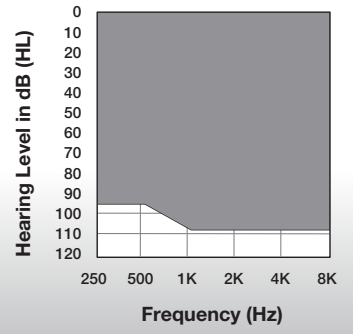
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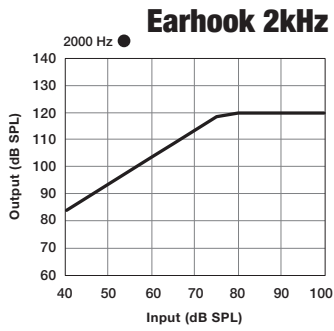
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Evolv AI



Latency (ms)	4.3
Attack Time (ms)	8
Release Time (ms)	55