



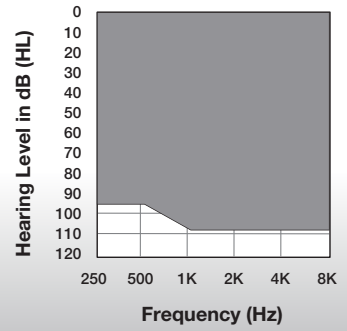
Starkey | Technical Data

BTE R

Behind-The-Ear Rechargeable

Fitting Range

● BTE R 70



Evolv AI 2400 | 2000 | 1600

Color Guide

Standard Colors



2.4 GHz Accessory Compatibility

- TV streamer
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

Patient Features

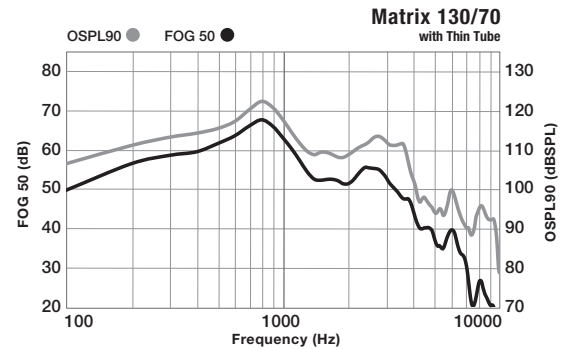
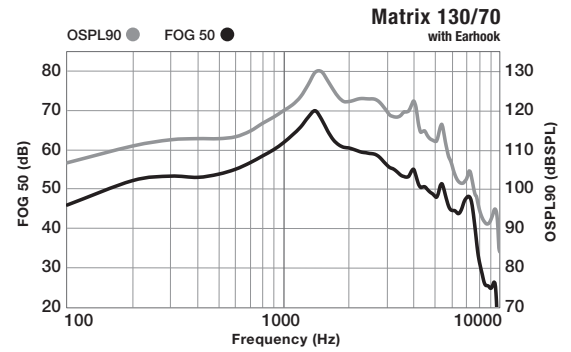
- IP Rating: 68
- Tinnitus Technology
- Telecoil
- Wireless Connectivity
- Rechargeable

Evolv AI Technology

- Healthable hearing technology with embedded sensors and artificial intelligence

	Earhook		Size 3, Occluded Thin Tube	
Measurement	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	130	135	123	126
HFA OSPL90 (dB SPL)	124	N/A	113	N/A
RTF OSPL90 (dB SPL)	N/A	135	N/A	118
Peak Gain (dB)	70	75	68	72
HFA Full-On Gain (dB)	62	N/A	57	N/A
RTF Full-On Gain (dB)	N/A	75	N/A	62
Frequency Range (Hz)	<100-7600	<100-7600	<100-5000	<100-6900
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)	47	60	36	43
Equivalent Input Noise (dB)	24	18	29	29
Harmonic Distortion				
500 Hz (%)	<5	<5	<3	<3
800 Hz (%)	<5	<5	<3	<3
1600 Hz (%)	<1	<1	<1	<1
Induction Coil Sensitivity				
HFA SPLITS (ANSI) (dB SPL)	98	N/A	89	N/A
MASL (IEC) (dB SPL)	92	N/A	87	N/A
Estimated Lithium ION Battery Life				
Li-Ion Rechargeable Battery (hrs)	Up to 24 hours*		Up to 24 hours*	
Battery Current (mA)	0.7			

Matrices: 130/70
Battery Size: Encased 312



Tinnitus Therapy Stimulus

Max RMS Output (dB SPL)	92	92
Weighted RMS Output Level (dB SPL)	92	92
Max 1/3 Octave Output (dB SPL)	92	92

*Results will vary based on wireless usage.



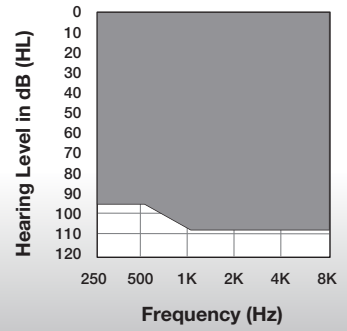
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Evolv AI 1200 | 1000

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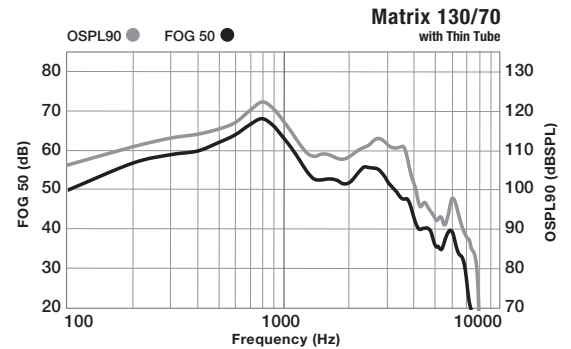
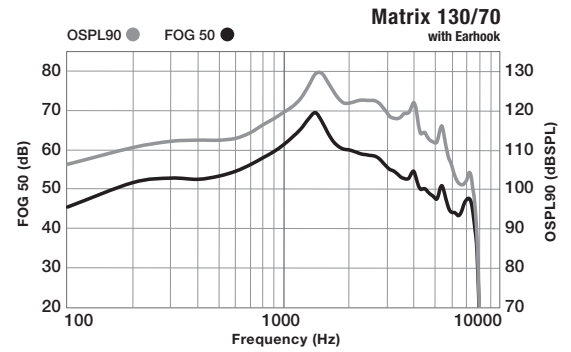
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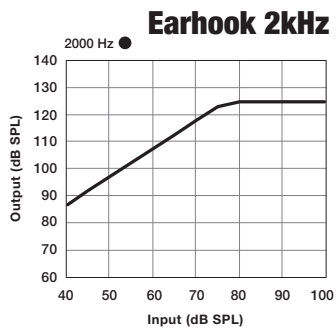


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Behind-The-Ear Rechargeable

Evolv AI



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