



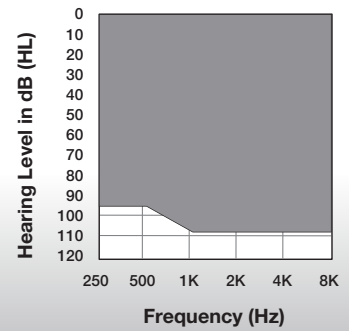
# Starkey | Technical Data

## BTE R

### Behind-The-Ear Rechargeable

#### Fitting Range

● BTE R 70



## Evolv AI

### Color Guide

#### Standard Colors



### Accessory Compatibility

- TV Streamer
- Remote Microphone Plus
- Remote Control
- Mini Remote Microphone
- Table Microphone
- Programmer
- Standard Charger

### Patient Features

- Tinnitus Technology
- Telecoil
- Wireless Connectivity
- Rechargeable

### Evolv AI Technology

- Healthable hearing technology with embedded sensors and artificial intelligence
- Reference Evolv AI Feature Chart for additional features

	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	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

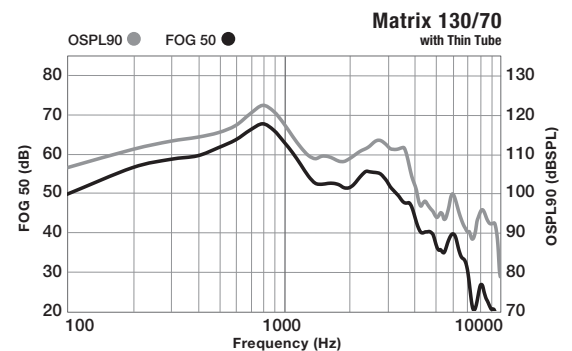
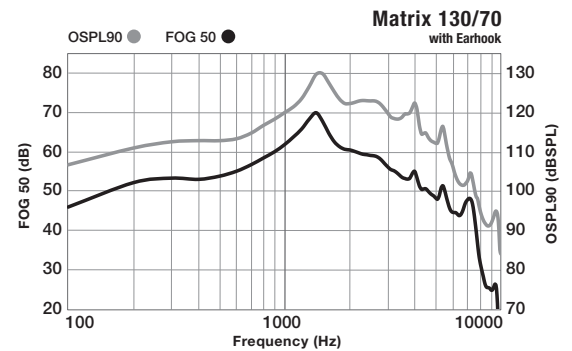
Harmonic Distortion	<100-7600	<100-7600	<100-5000	<100-6900
500 Hz (%)	<5	<5	<3	<3
800 Hz (%)	<5	<5	<3	<3
1600 Hz (%)	<1	<1	<1	<1

Induction Coil Sensitivity	Earhook	Thin Tube
HFA SPLITS (ANSI) (dB SPL)	98	N/A
MASL (IEC) (dB SPL)	92	N/A

Estimated Lithium ION Battery Life	Earhook	Thin Tube
Li-Ion Rechargeable Battery (hrs)	Up to 24 hours*	Up to 24 hours*

Tinnitus Therapy Stimulus	Earhook	Thin Tube
Max RMS Output (dB SPL)	92	92
Weighted RMS Output Level (dB SPL)	92	92
Max 1/3 Octave Output (dB SPL)	92	92

### Matrices: 130/70 Battery Size: Encased 312



\*Results will vary based on wireless usage.