



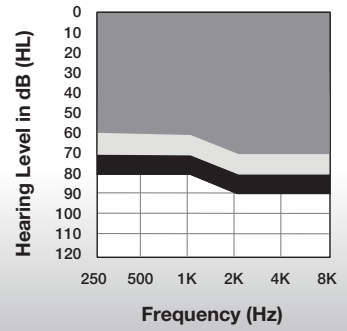
# Starkey | Technical Data

## RIC 312

### Receiver-In-Canal

#### Fitting Range

- RIC 312 40
- RIC 312 50
- RIC 312 60



## Evolv AI

### Color Guide

#### Standard Colors



### Accessory Compatibility

- Remote Mic Plus
- Remote Control
- Mini Remote Mic
- Table Microphone
- TV Streamer
- Programmer

### Patient Features

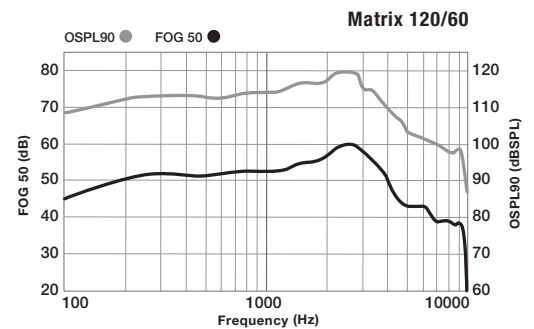
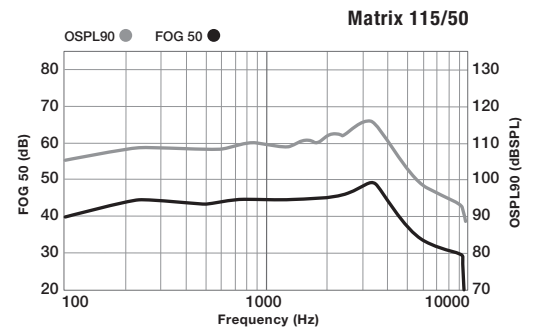
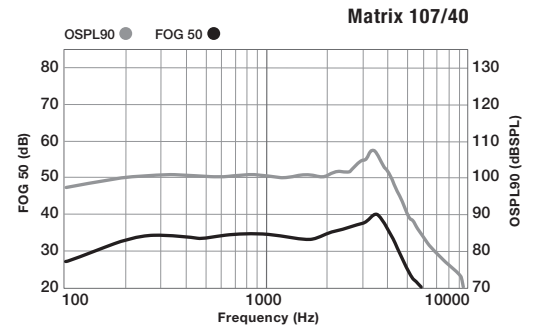
- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity
- CROS System

### Evolv AI Technology

- Healthable monitoring technology with embedded sensors and artificial intelligence

## 40 Gain Data    50 Gain Data    60 Gain Data    Matrices: 107/40, 115/50, 120/60    Battery Size: 312

Measurement	40 Gain Data		50 Gain Data		60 Gain Data	
	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	107	120	115	127	120	131
HFA OSPL90 (dB SPL)	102	N/A	109	N/A	117	N/A
RTF OSPL90 (dB SPL)	N/A	112	N/A	119	N/A	127
Peak Gain (dB)	40	52	50	63	60	71
HFA Full-On Gain (dB)	35	N/A	45	N/A	56	N/A
RTF Full-On Gain (dB)	N/A	43	N/A	55	N/A	65
<b>Frequency Range (Hz)</b>	<100-9400	<100-6900	<100-9600	<100-9600	<100-9200	<100-9600
Reference Test Freq. (kHz)	N/A	1.6	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	1.0,1.6,2.5	N/A
Reference Test Gain (dB)	25	36	32	44	40	52
Equivalent Input Noise (dB)	26	26	26	26	26	26
<b>Harmonic Distortion</b>						
500 Hz (%)	<3	<3	<3	<3	<3	<3
800 Hz (%)	<3	<3	<3	<3	<3	<3
1600 Hz (%)	<3	<3	<3	<3	<3	<3
<b>Induction Coil Sensitivity</b>						
HFA SPLITS (ANSI) (dB SPL)	N/A	N/A	N/A	N/A	N/A	N/A
MASL (IEC) (dB SPL)	N/A	N/A	N/A	N/A	N/A	N/A
ANSI/IEC Battery Current (mA)	1.8*	1.7*	1.9*	1.8*	2.1*	2.0*
Idle Current (mA)	1.7*	1.7*	1.7*	1.7*	1.8*	1.9*
<b>Estimated Battery Life for 16-Hour Day</b>						
312 Zinc Air (days)	4-7*	4-7*	4-7*	4-7*	4-7*	4-7*
<b>Tinnitus Therapy Stimulus</b>						
Max RMS Output (dB SPL)	87		87		87	
Weighted RMS Output Level (dB SPL)	87		87		87	
Max 1/3 Octave Output (dB SPL)	87		87		87	



\*Results will vary based on wireless usage.



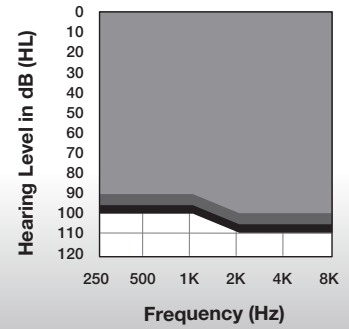
# Starkey | Technical Data

## RIC 312 CC

Receiver-In-Canal CUSTOM CASED

### Custom Cased Fitting Range

- RIC 312 60 CC
- RIC 312 65 CC
- RIC 312 70 CC



## Evolv AI

### Color Guide

#### Standard Colors



### Accessory Compatibility

- Remote Mic Plus
- Remote Control
- Mini Remote Mic
- Table Microphone
- TV Streamer
- Programmer

### Patient Features

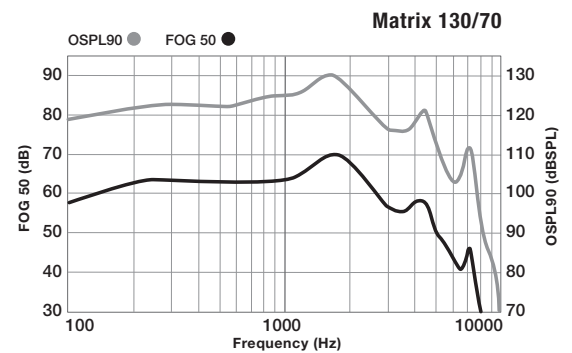
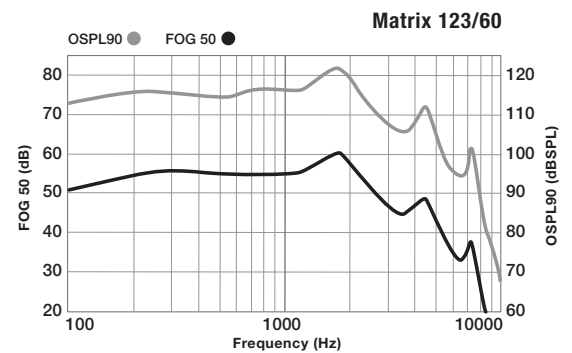
- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity
- CROS System

### Evolv AI Technology

- Healthable monitoring technology with embedded sensors and artificial intelligence

## 60 Gain Data | 70 Gain Data | Matrices: 123/60, 130/70 | Battery Size: 312

Measurement	60 Gain Data		70 Gain Data	
	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	123	133	130	140
HFA OSPL90 (dB SPL)	117	N/A	124	N/A
RTF OSPL90 (dB SPL)	N/A	130	N/A	139
Peak Gain (dB)	60	70	70	81
HFA Full-On Gain (dB)	54	N/A	65	N/A
RTF Full-On Gain (dB)	N/A	66	N/A	78
<b>Frequency Range (Hz)</b>	<100-5500	<100-5700	<100-5800	<100-5700
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)	40	55	47	64
Equivalent Input Noise (dB)	26	26	26	26
<b>Harmonic Distortion</b>				
500 Hz (%)	<3	<3	<3	<3
800 Hz (%)	<3	<3	<3	<3
1600 Hz (%)	<3	<3	<3	<3
<b>Induction Coil Sensitivity</b>				
HFA SPLITS (ANSI) (dB SPL)	N/A	N/A	N/A	N/A
MASL (IEC) (dB SPL)	N/A	N/A	N/A	N/A
ANSI/IEC Battery Current (mA)	1.7*	1.7*	1.9*	1.8*
Idle Current (mA)	1.7*	1.7*	1.7*	1.7*
<b>Estimated Battery Life for 16-Hour Day</b>				
312 Zinc Air (days)	4-7*	4-7*	4-7*	4-7*



### 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

\*Results will vary based on wireless usage.

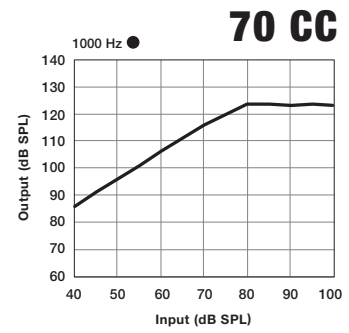
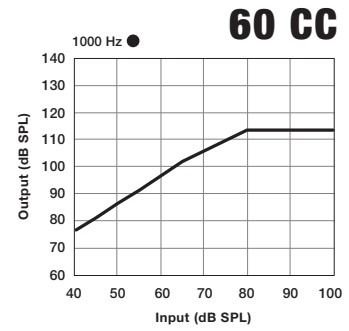
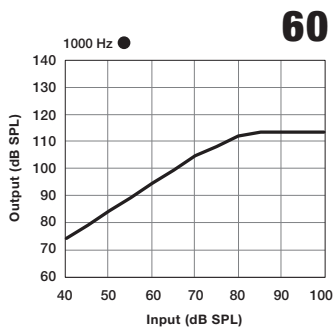
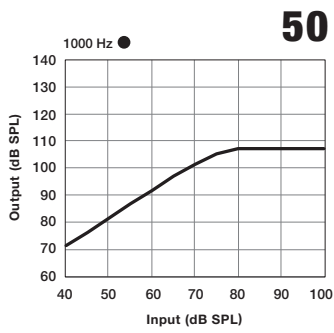
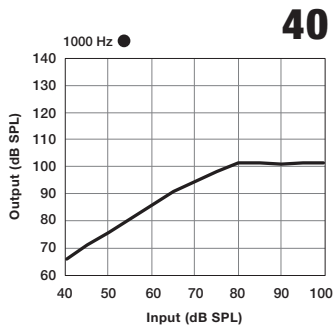


Starkey | Technical Data  
**RIC 312**  
 Receiver-In-Canal



Starkey | Technical Data  
**RIC 312 CC**  
 Receiver-In-Canal CUSTOM CASED

**Evolv AI**



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