



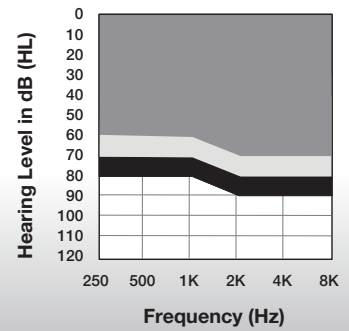
# Starkey | Technical Data

## mRIC 312

### Receiver-In-Canal

#### Fitting Range

- mRIC 312 40
- mRIC 312 50
- mRIC 312 60



## Evolv AI

### Color Guide

#### Standard Colors



### Accessory Compatibility

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

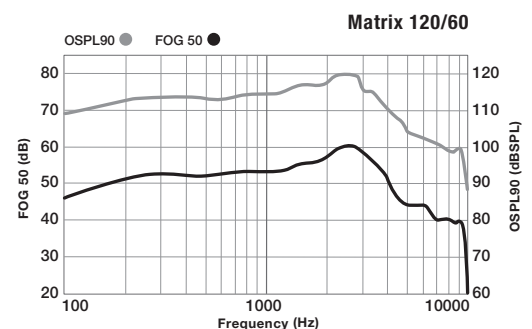
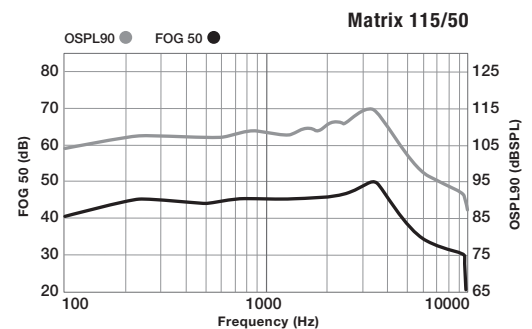
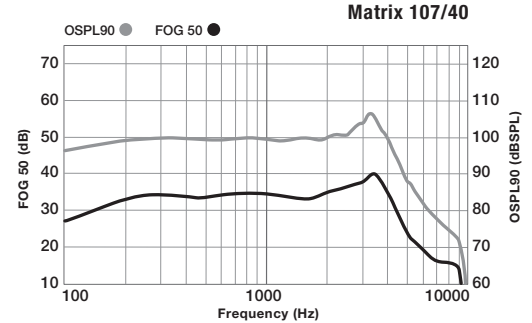
### Patient Features

- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity

### 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	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	Matrix 107/40	
HFA OSPL90 (dB SPL)	102	N/A	109	N/A	117	N/A	Matrix 115/50	
RTF OSPL90 (dB SPL)	N/A	112	N/A	119	N/A	127	Matrix 120/60	
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	<100-9400	<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.



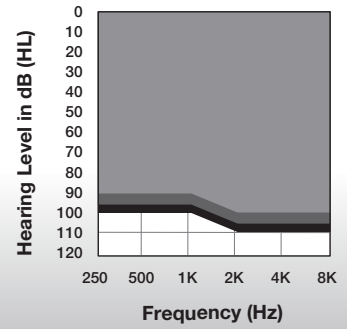
# Starkey | Technical Data

## mRIC 312 CC

Receiver-In-Canal CUSTOM CASED

### Custom Cased Fitting Range

- mRIC 312 60 CC
- mRIC 312 65 CC
- mRIC 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

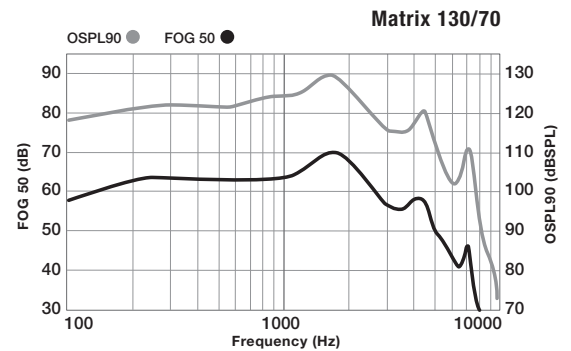
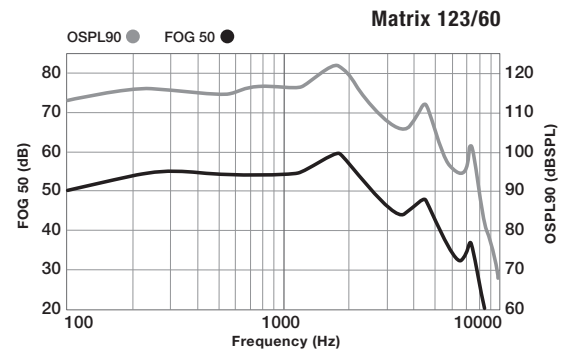
- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity

### 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.

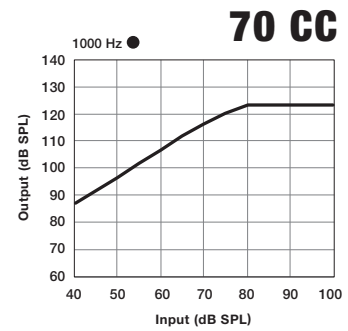
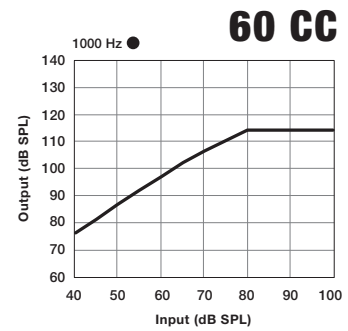
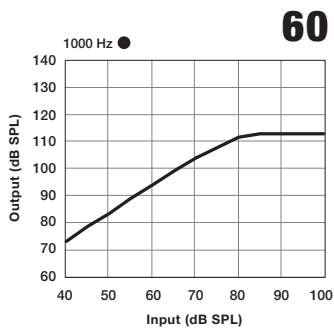
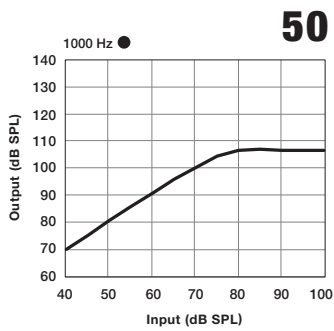
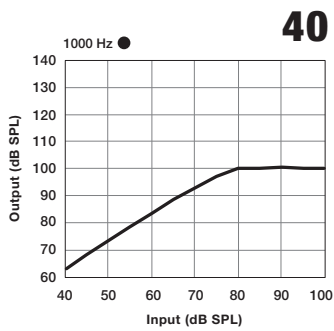


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**mRIC 312**  
 Receiver-In-Canal



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

**Evolv AI**



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