



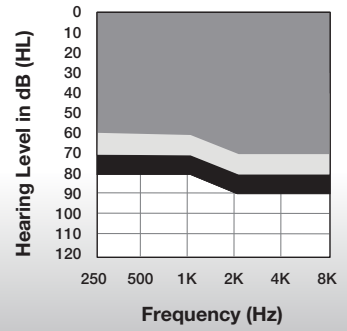
Starkey | Technical Data

RIC 312

Receiver-In-Canal

Fitting Range

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



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

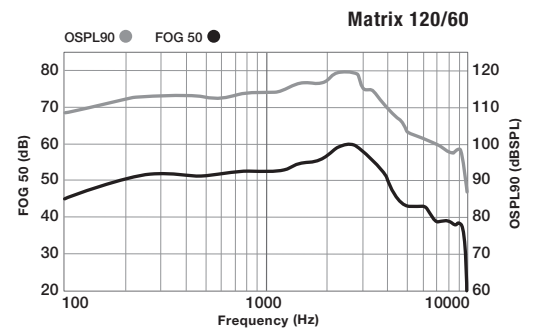
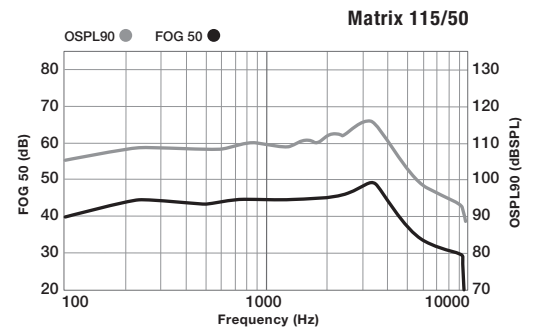
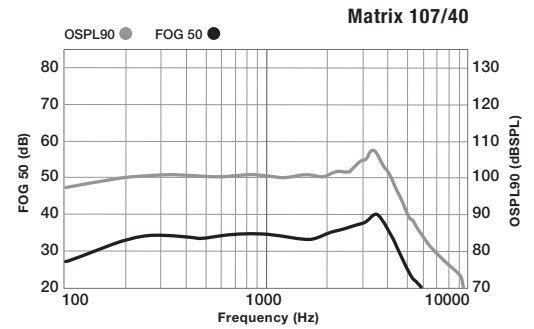
- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity
- CROS System

Evolv AI Technology

- Healthable hearing 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
Frequency Range (Hz)	<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
Harmonic Distortion						
500 Hz (%)	<3	<3	<3	<3	<3	<3
800 Hz (%)	<3	<3	<3	<3	<3	<3
1600 Hz (%)	<3	<3	<3	<3	<3	<3
Induction Coil Sensitivity						
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*
Estimated Battery Life for 16-Hour Day						
312 Zinc Air (days)	4-7*	4-7*	4-7*	4-7*	4-7*	4-7*
Tinnitus Therapy Stimulus						
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.



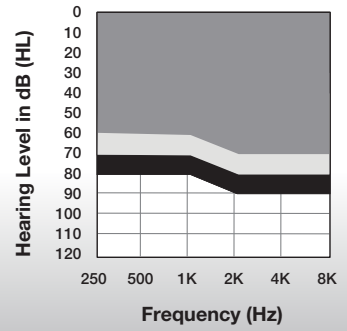
Starkey | Technical Data

RIC 312

Receiver-In-Canal

Fitting Range

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



Evolv AI 1200 | 1000

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
- Wireless Connectivity
- CROS System**

Evolv AI Technology

- Healthable hearing 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	OSPL90 (dB)	FOG 50 (dB)
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		
Frequency Range (Hz)	<100-7700	<100-6900	<100-7700	<100-7800	<100-7700	<100-7800		
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		
Harmonic Distortion								
500 Hz (%)	<3	<3	<3	<3	<3	<3		
800 Hz (%)	<3	<3	<3	<3	<3	<3		
1600 Hz (%)	<3	<3	<3	<3	<3	<3		
Induction Coil Sensitivity								
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*		
Estimated Battery Life for 16-Hour Day								
312 Zinc Air (days)	4-7*	4-7*	4-7*	4-7*	4-7*	4-7*		
Tinnitus Therapy Stimulus								
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.
**Only available on 1200 technology tier.



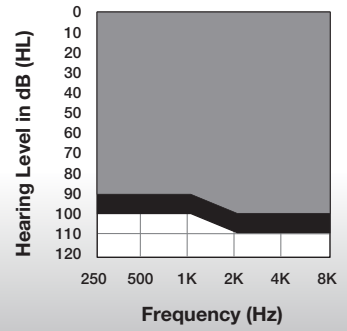
Starkey | Technical Data

RIC 312 AP

Receiver-In-Canal **ABSOLUTE POWER**

Fitting Range

- RIC 312 60 AP
- RIC 312 70 AP



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

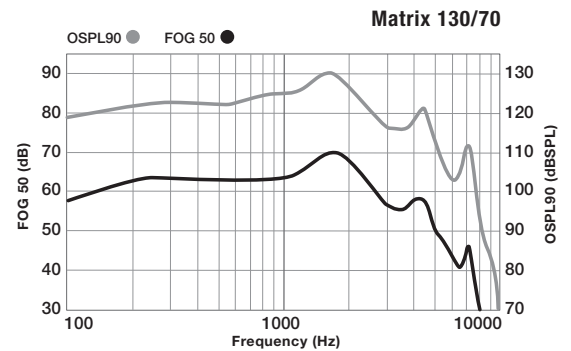
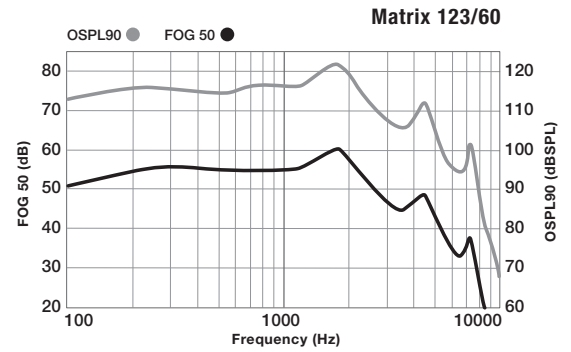
- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity
- CROS System

Evolv AI Technology

- Healthable hearing 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
Frequency Range (Hz)	<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
Harmonic Distortion				
500 Hz (%)	<3	<3	<3	<3
800 Hz (%)	<3	<3	<3	<3
1600 Hz (%)	<3	<3	<3	<3
Induction Coil Sensitivity				
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*
Estimated Battery Life for 16-Hour Day				
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.



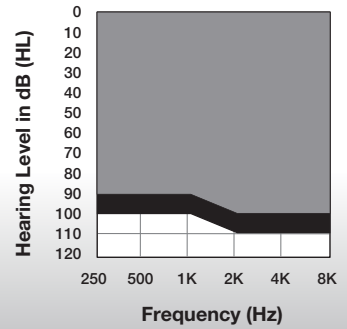
Starkey | Technical Data

RIC 312 AP

Receiver-In-Canal **ABSOLUTE POWER**

Fitting Range

- RIC 312 60 AP
- RIC 312 70 AP



Evolv AI 1200 | 1000

Color Guide

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2.4 GHz Accessory Compatibility

- TV streamer
- Remote Microphone +
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Patient Features

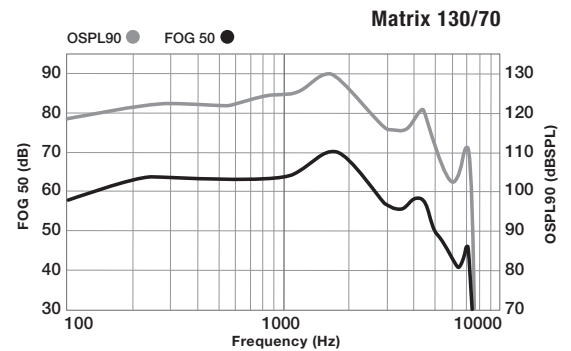
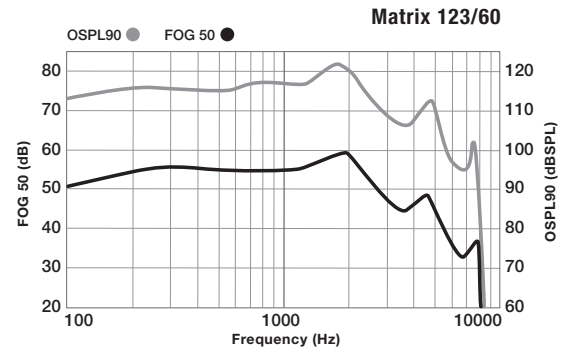
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Frequency Range (Hz)	<100-5500	<100-5700	<100-5800	<100-5700
Reference Test Freq. (kHz)	N/A	1.6	N/A	1.6
HFA Frequencies (kHz)	1.0,1.6,2.5	N/A	1.0,1.6,2.5	N/A
Reference Test Gain (dB)	40	55	47	64
Equivalent Input Noise (dB)	26	26	26	26
Harmonic Distortion				
500 Hz (%)	<3	<3	<3	<3
800 Hz (%)	<3	<3	<3	<3
1600 Hz (%)	<3	<3	<3	<3
Induction Coil Sensitivity				
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*
Estimated Battery Life for 16-Hour Day				
312 Zinc Air (days)	4-7*	4-7*	4-7*	4-7*



Tinnitus Therapy Stimulus

Max RMS Output (dB SPL)	87	87
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Max 1/3 Octave Output (dB SPL)	87	87

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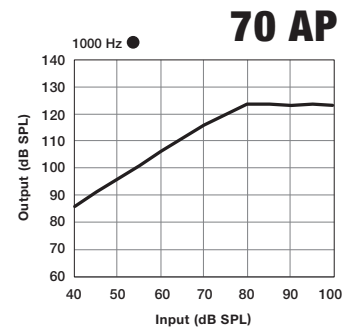
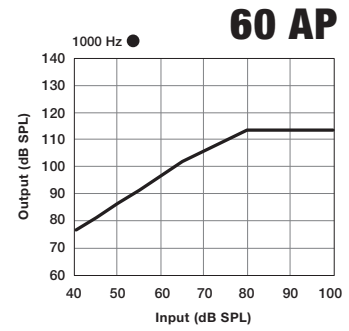
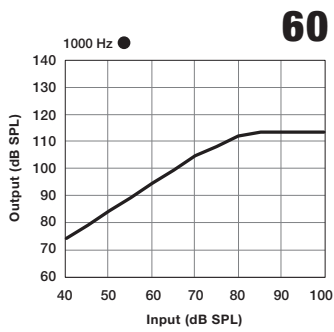
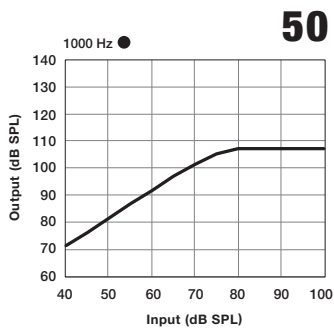
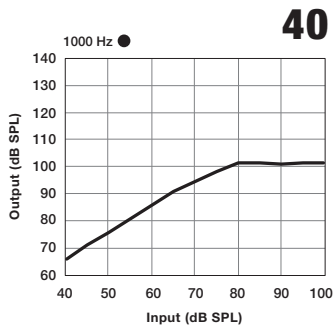


Starkey | Technical Data
RIC 312
 Receiver-In-Canal



Starkey | Technical Data
RIC 312 AP
 Receiver-In-Canal ABSOLUTE POWER

Evolv AI



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