



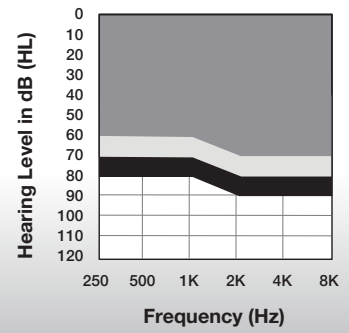
# Starkey | Technical Data

## RIC 312

### Receiver-In-Canal

#### Fitting Range

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



### Model S 3

#### Color Guide

##### Standard Colors



#### 2.4 GHz Accessory Compatibility

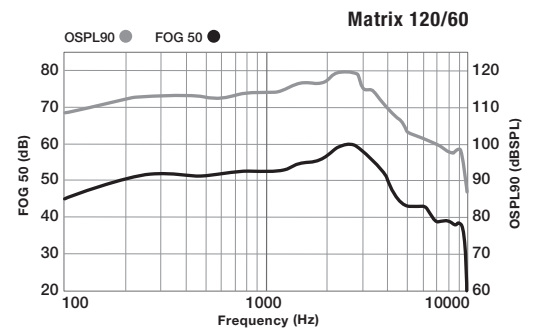
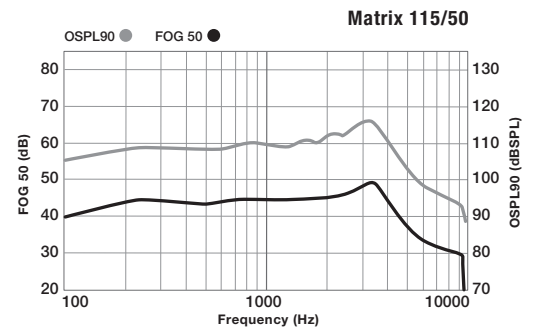
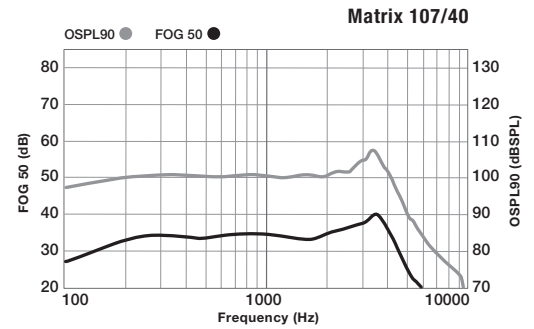
- TV
- Remote Microphone + Remote
- Mini Remote Microphone
- Table Microphone
- 2.4 GHz Programmer

#### Patient Features

- Tinnitus Technology
- Wireless Connectivity

### 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	<100-6900
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.