



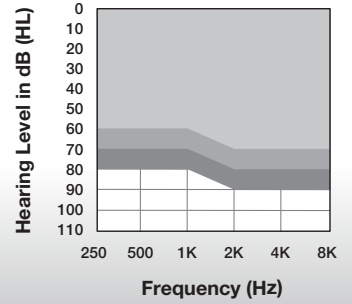
Starkey | Technical Data

RIC 312

Receiver-In-Canal

Fitting Range

- L
- M
- P



Genesis AI

Color Guide

Standard Colors



Patient Features

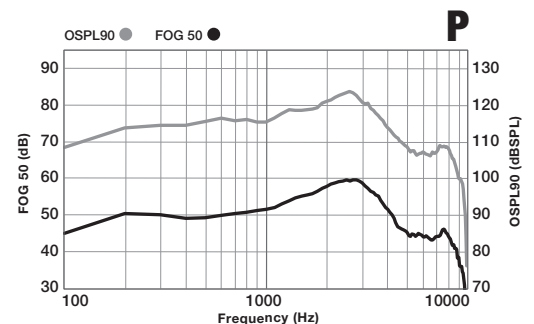
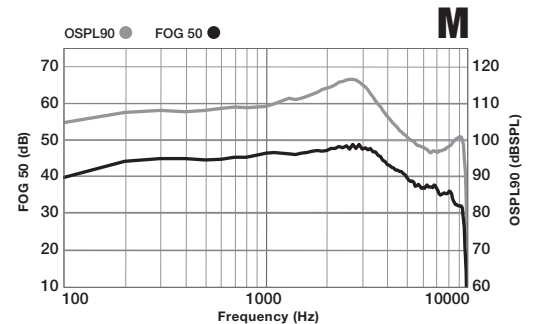
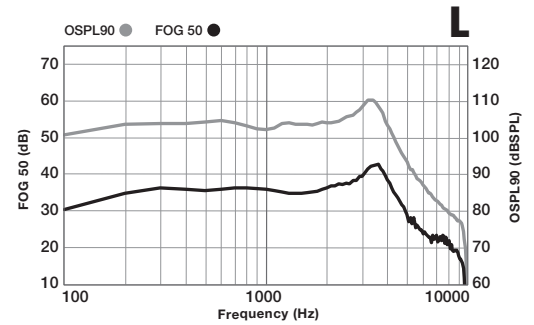
- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Dual Radio (2.4 GHz + NFMI)

Genesis AI Technology

- Personal health monitoring technology with embedded sensors and artificial intelligence
- Compatible with StarLink accessories

Matrices: L, M, P Battery Size: 312

Measurement	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler
	L	M	P
Peak OSPL90 (dB SPL)	107	117	120
HFA OSPL90 (dB SPL)	101	113	116
Peak Gain (dB)	43	49	60
HFA Full-On Gain (dB)	36	47	56
Frequency Range (Hz)	<100-9400	<100-9400	<100-9400
HFA Frequencies (kHz)	1.0, 1.6, 2.5	N/A	1.0, 1.6, 2.5
Reference Test Gain (dB)	24	36	39
Equivalent Input Noise (dB)	26	26	26
Harmonic Distortion			
500 Hz (%)	<3	<3	<3
800 Hz (%)	<3	<3	<3
1600 Hz (%)	<3	<3	<3
Induction Coil Sensitivity			
HFA SPLITS (ANSI) (dB SPL)	N/A	N/A	N/A
MASL (IEC) (dB SPL)	N/A	N/A	N/A
Estimated Battery Life for 16-Hour Day			
Without streaming (days)	Up to 6	Up to 6	Up to 6
With streaming (days)	Up to 5	Up to 5	Up to 5
Battery Current (mA)	1.5	1.6	1.6
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





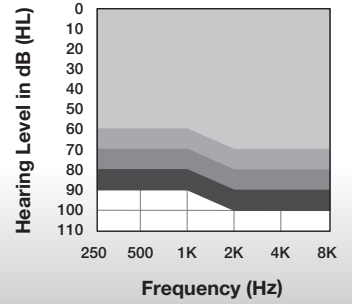
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RIC 312 CUSTOM CASED

Receiver-In-Canal

Fitting Range

- L
- M
- P
- UP



Genesis AI

Color Guide

Standard Colors



Patient Features

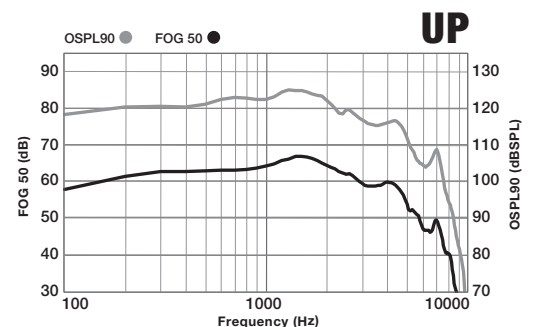
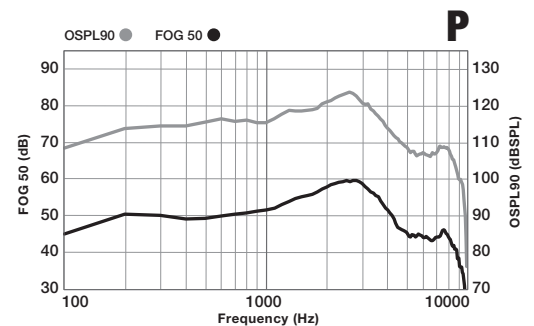
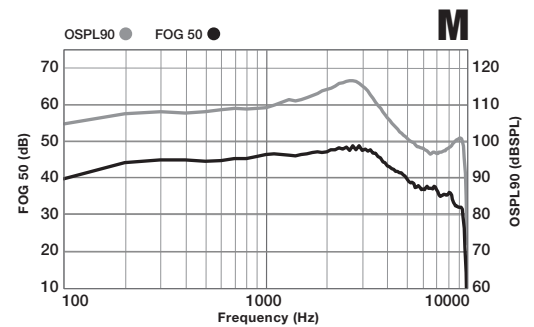
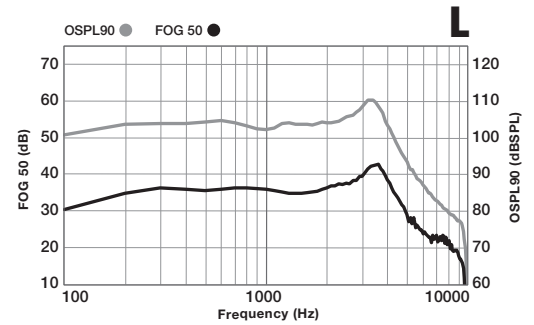
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Matrices: L, M, P, UP Battery Size: 312

Measurement	L ANSI/IEC 2cc Coupler	M ANSI/IEC 2cc Coupler	P ANSI/IEC 2cc Coupler	UP ANSI/IEC 2cc Coupler
Peak OSPL90 (dB SPL)	107	117	120	125
HFA OSPL90 (dB SPL)	101	113	116	122
Peak Gain (dB)	43	49	60	67
HFA Full-On Gain (dB)	36	47	56	64
Frequency Range (Hz)	<100-9400	<100-9400	<100-9400	<100-5800
HFA Frequencies (kHz)	1.0, 1.6, 2.5	N/A	1.0, 1.6, 2.5	1.0, 1.6, 2.5
Reference Test Gain (dB)	24	36	39	45
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
Estimated Battery Life for 16-Hour Day				
Without streaming (days)	Up to 6	Up to 6	Up to 6	Up to 6
With streaming (days)	Up to 5	Up to 5	Up to 5	Up to 5
Battery Current (mA)	1.5	1.6	1.6	1.7
Tinnitus Therapy Stimulus				
Max RMS Output (dB SPL)	87	87	87	87
Weighted RMS Output Level (dB SPL)	87	87	87	87
Max 1/3 Octave Output (dB SPL)	87	87	87	87





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Receiver-In-Canal

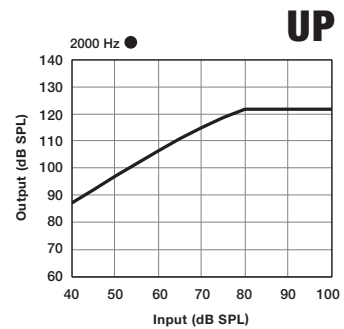
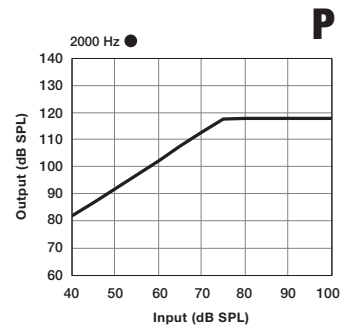
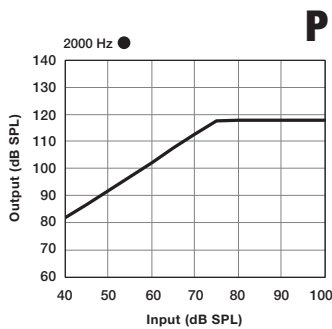
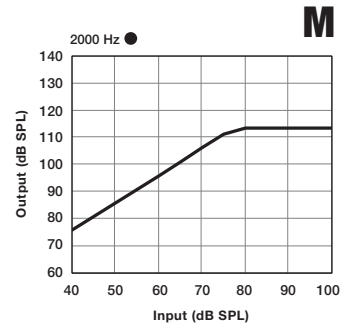
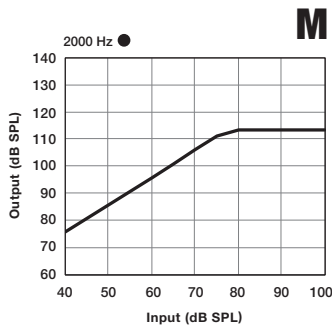
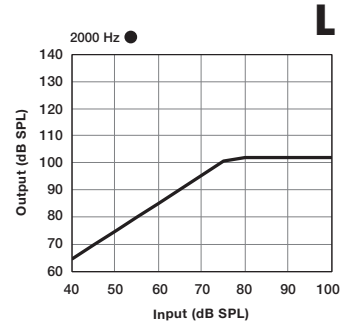
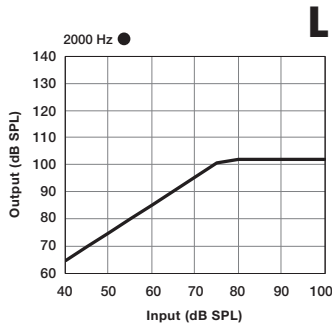


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Receiver-In-Canal

Genesis AI



Latency (ms) 4.3

Attack Time (ms) 1

Release Time (ms) 160

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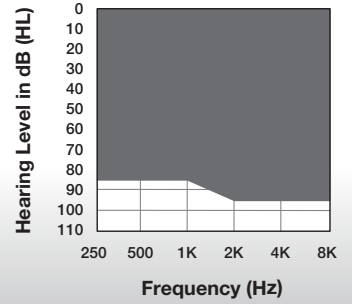
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Fitting Range

● UP-



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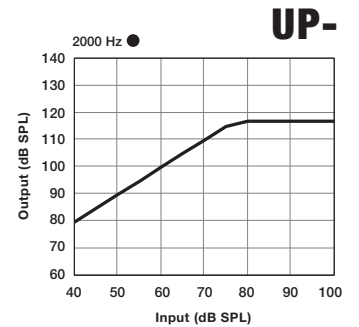
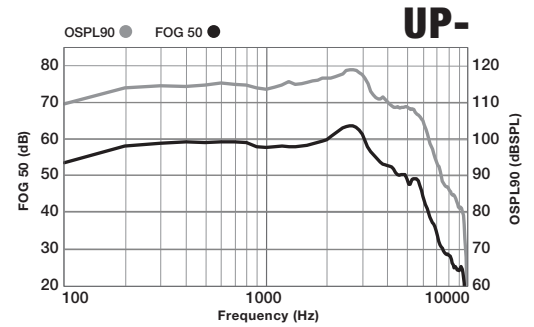
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- Compatible with StarLink accessories

UP- Matrices: UP- Battery Size: 312

Measurement	ANSI/IEC 2cc Coupler
Peak OSPL90 (dB SPL)	119
HFA OSPL90 (dB SPL)	116
Peak Gain (dB)	64
HFA Full-On Gain (dB)	60
Frequency Range (Hz)	<100-5800
HFA Frequencies (kHz)	N/A
Reference Test Gain (dB)	39
Equivalent Input Noise (dB)	26
Harmonic Distortion	
500 Hz (%)	<3
800 Hz (%)	<3
1600 Hz (%)	<3
Induction Coil Sensitivity	
HFA SPLITS (ANSI) (dB SPL)	N/A
MASL (IEC) (dB SPL)	N/A
Estimated Battery Life for 16-Hour Day	
Without streaming (days)	Up to 6
With streaming (days)	Up to 5
Battery Current (mA)	1.6

Tinnitus Therapy Stimulus

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



Latency (ms)	4.3
Attack Time (ms)	1
Release Time (ms)	160