Starkey | Technical Data

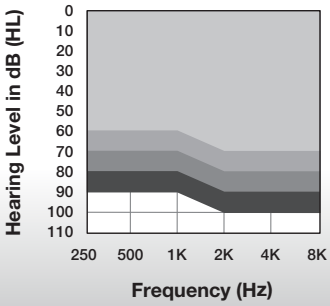
ITC R

In-The-Canal Rechargeable

Genesis AI

Fitting Range

- L
- M
- P
- UP



Color Guide

Faceplate Colors

Dark Brown, Chestnut, Medium Brown, Light Brown, Pink, Black

Shell Colors

Clear, Light Brown, Pink, Blue/Red, Black, Dark Brown, Medium Brown

2.4 GHz Accessory Compatibility

- Mini Remote Microphone
- Remote Microphone +
- Remote Control
- Table Microphone
- TV Streamer
- Programmer
- Custom Charger
- Premium Custom Charger

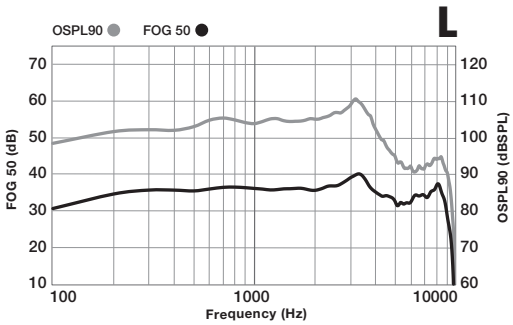
Patient Features

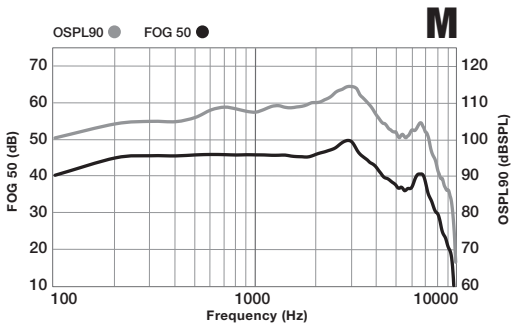
- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity
- Rechargeable Battery
- Wireless Programmability

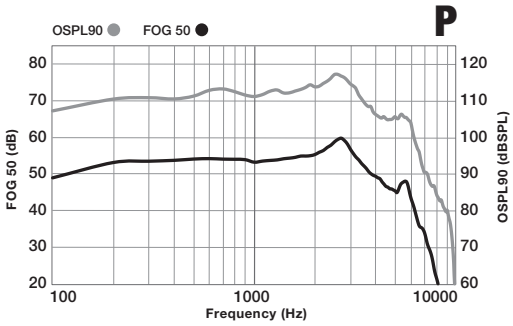
Genesis AI Technology

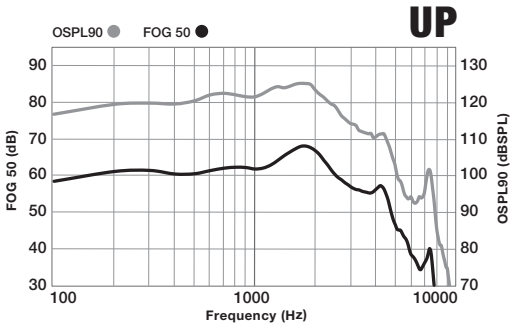
- Personal health monitoring technology with embedded sensors and artifical intelligence

	L	M	P	UP	Matrices: L, M, P, UP Battery: Lithium-ion
Measurement	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	
Peak OSPL90 (dB SPL)	110	114	117	125	
HFA OSPL90 (dB SPL)	105	109	113	122	
Peak Gain (dB)	40	50	59	68	
HFA Full-On Gain (dB)	36	46	55	63	
Frequency Range (Hz)	<100-9600	<100-8300	<100-6700	<100-5300	
HFA Frequencies (kHz)	1.0,1.6,2.5	1.0,1.6,2.5	1.0,1.6,2.5	1.0,1.6,2.5	
Reference Test Gain (dB)	28	32	36	45	
Equivalent Input Noise (dB)	25	25	25	25	
Harmonic Distortion					
500 Hz (%)	<3	<3	<3	<3	
800 Hz (%)	<3	<3	<3	<3	
1600 Hz (%)	<3	<3	<3	<3	
Estimated Lithium-ion Battery Life*					
Without streaming (hrs)	Up to 42	Up to 42	Up to 42	Up to 42	
With streaming (hrs)	Up to 36	Up to 36	Up to 36	Up to 36	
Battery Current (mA)	0.9	0.9	0.9	0.9	
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	









*Results will vary based on wireless usage.

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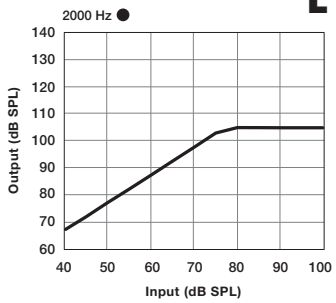
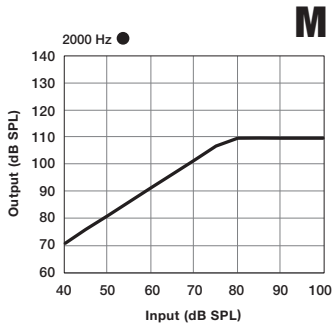
Genesis AI

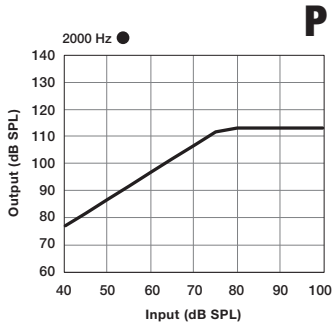
L



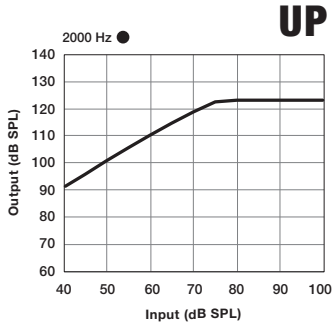
M



P



UP



Latency (ms)	4.3
Attack Time (ms)	3
Release Time (ms)	60

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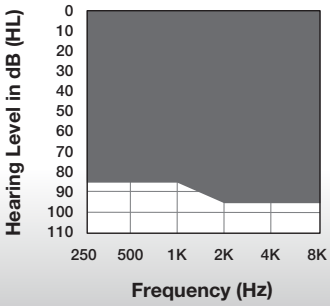
Fitting Range

● UP-



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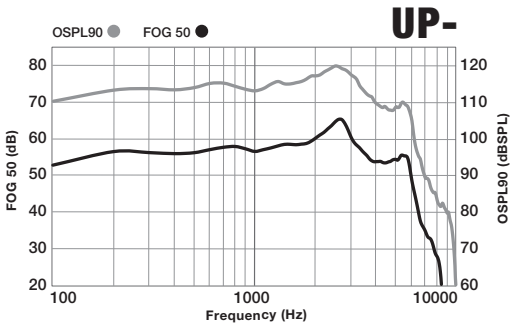
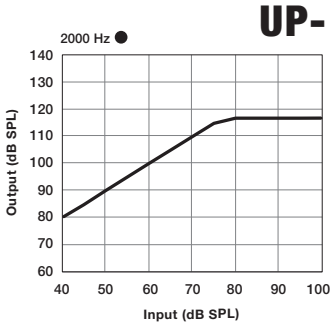
Genesis AI Technology

- Personal health monitoring technology with embedded sensors and artifical intelligence

	UP-	Matrices: UP- Battery: Lithium-ion
Measurement	**ANSI/IEC 2cc Coupler**	
Peak OSPL90 (dB SPL)	119	
HFA OSPL90 (dB SPL)	115	
Peak Gain (dB)	64	
HFA Full-On Gain (dB)	58	
Frequency Range (Hz)	<100-6500	
HFA Frequencies (kHz)	1.0,1.6,2.5	
Reference Test Gain (dB)	38	
Equivalent Input Noise (dB)	25	
Harmonic Distortion		
500 Hz (%)	<3	
800 Hz (%)	<3	
1600 Hz (%)	<3	
Estimated Lithium-ion Battery Life*		
Without streaming (hrs)	Up to 42	
With streaming (hrs)	Up to 36	
Battery Current (mA)	0.9	
Tinnitus Therapy Stimulus		
Max RMS Output (dB SPL)	87	
Weighted RMS Output Level (dB SPL)	87	
Max 1/3 Octave Output (dB SPL)	87	





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