



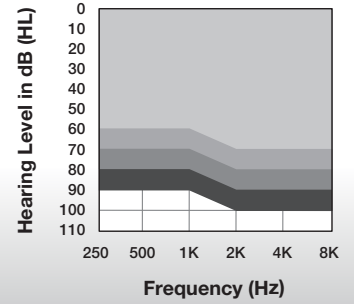
Starkey | Technical Data

HS R

Half Shell Rechargeable

Fitting Range

- L
- M
- P
- UP



Genesis AI

Color Guide

Faceplate Colors



Shell Colors



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

Genesis AI Technology

- Personal health monitoring technology with embedded sensors and artificial 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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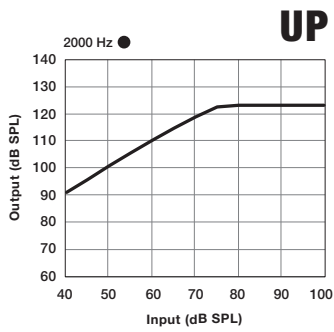
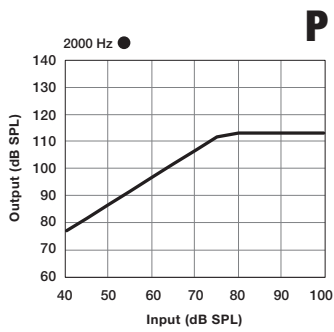
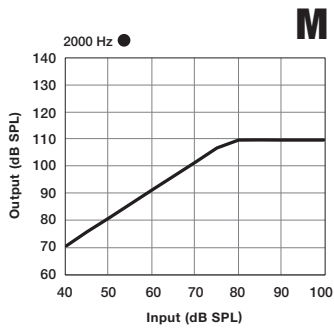
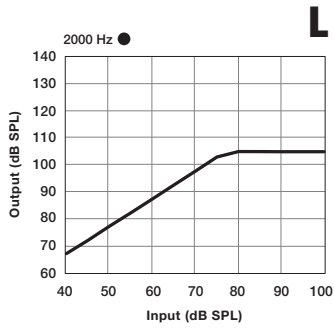


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Latency (ms) 4.3

Attack Time (ms) 3

Release Time (ms) 60

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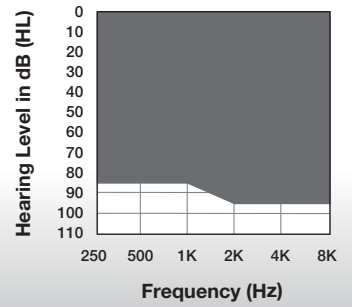
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Fitting Range

● UP-



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Patient Features

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Genesis AI Technology

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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

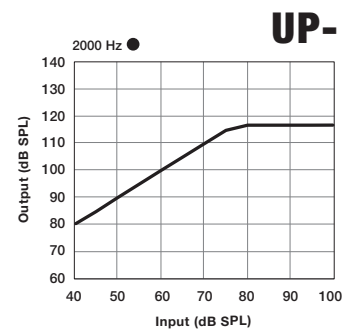
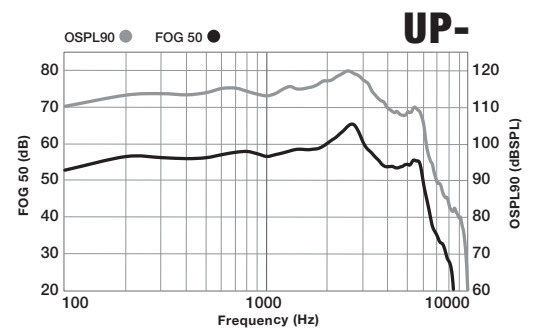
500 Hz (%)	<3
800 Hz (%)	<3
1600 Hz (%)	<3

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



Latency (ms)	4.3
Attack Time (ms)	3
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