



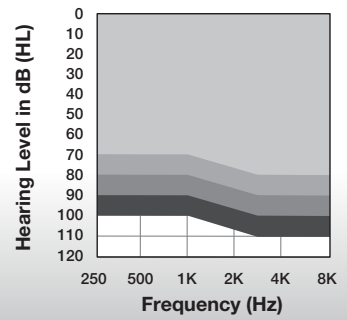
# Starkey | Technical Data

## HS R

Half Shell Rechargeable

### Fitting Range

- L
- M
- P
- UP



### Genesis AI 24 | 20 | 16 | 12

#### Color Guide

##### Faceplate Colors



##### Shell Colors



#### Patient Features

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

#### Genesis AI Technology

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

	L	M	P	UP	Matrices: L, M, P, UP Battery: Lithium-ion
<b>Measurement</b>	<b>ANSI/IEC 2cc Coupler</b>	<b>ANSI/IEC 2cc Coupler</b>	<b>ANSI/IEC 2cc Coupler</b>	<b>ANSI/IEC 2cc Coupler</b>	
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	
<b>Frequency Range (Hz)</b>	<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	
<b>Harmonic Distortion</b>					
500 Hz (%)	<3	<3	<3	<3	
800 Hz (%)	<3	<3	<3	<3	
1600 Hz (%)	<3	<3	<3	<3	
<b>Estimated Lithium-ion Battery Life*</b>					
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	
<b>Tinnitus Therapy Stimulus</b>					
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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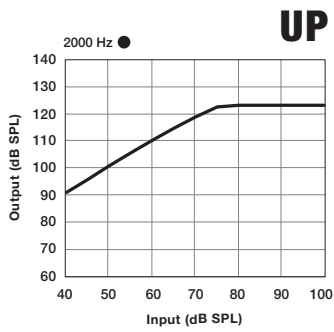
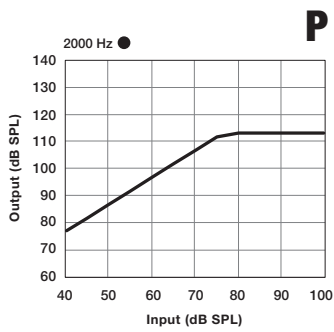
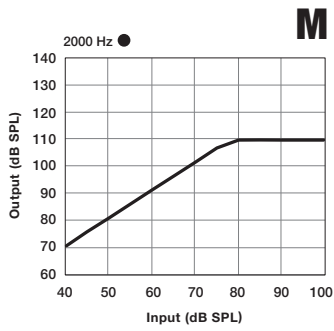
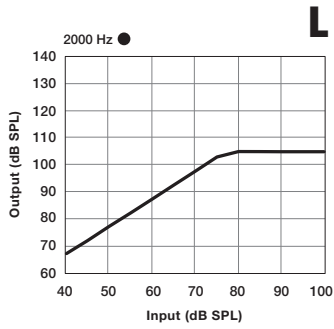


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Latency (ms) 4.3

Attack Time (ms) 3

Release Time (ms) 60

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