



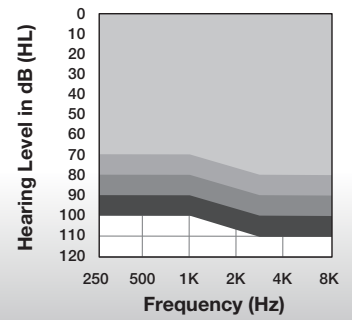
Starkey | Technical Data

HS R

Half Shell Rechargeable

Fitting Range

- L
- M
- P
- UP



Omega AI 24 | 20 | 16

Color Guide

Faceplate Colors



Shell Colors



Patient Features

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

Omega AI Technology

- Personal health monitoring technology with embedded sensors and artificial intelligence
- Compatible with StarLink 2.0 accessories and StarLink Edge accessories

	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	<100-8400	<100-6600	<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 SPL) Expansion On (Default)	15	15	15	15	
Equivalent Input Noise (dB SPL) Expansion Off	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.

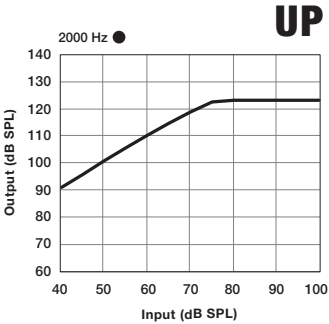
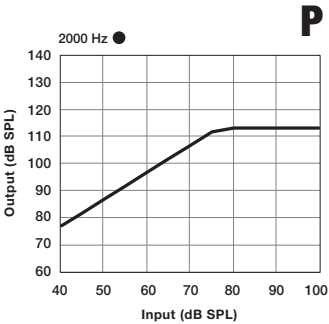
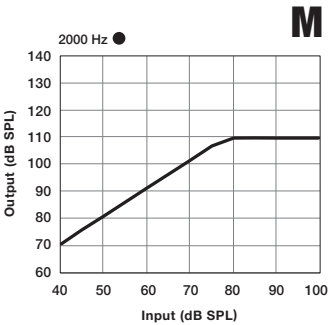
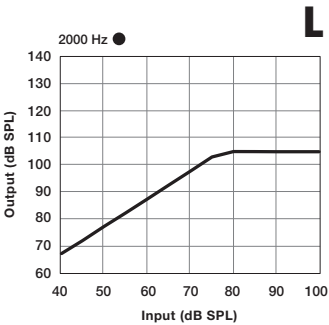
Starkey, Omega, and StarLink are trademarks of Starkey Laboratories, Inc.
©2025 Starkey Laboratories, Inc. All Rights Reserved. 3/25 SPEC3105-00-EN-ST



HS R

Half Shell Rechargeable

Omega AI 24 | 20 | 16



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