

Starkey | Technical Data

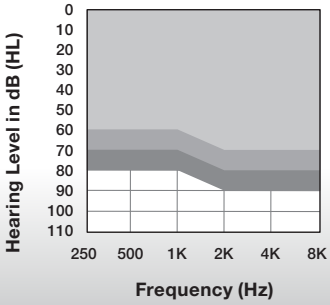
mRIC R

micro Receiver-In-Canal Rechargeable

Omega AI+ 24 | 20 | 16

Fitting Range





Color Guide

Standard Colors



Patient Features

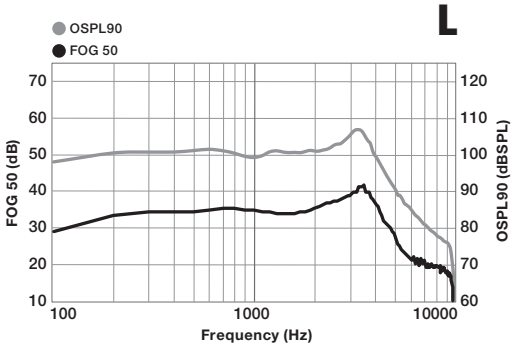
- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity
- Rechargeable Battery

Omega AI+ Technology

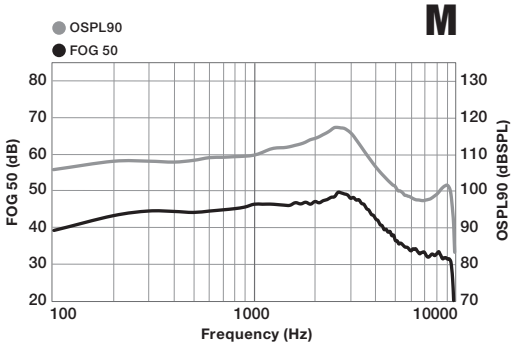
- Personal health monitoring technology with embedded sensors and artifical intelligence
- Compatible with StarLink 2.0 accessories and StarLink Edge accessories

	L	M	P	Matrices: L, M, P Battery: Lithium-ion
Measurement	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	
Peak OSPL90 (dB SPL)	107	117	119	
HFA OSPL90 (dB SPL)	101	113	115	
Peak Gain (dB)	42	50	60	
HFA Full-On Gain (dB)	35	47	55	
Frequency Range (Hz)	<100-9400	<100-9500	<100-9200	
HFA Frequencies (kHz)	1.0,1.6,2.5	1.0,1.6,2.5	1.0,1.6,2.5	
Reference Test Gain (dB)	24	36	38	
Equivalent Input Noise (dB SPL) *Expansion On (Default)*	15	15	15	
Equivalent Input Noise (dB SPL) *Expansion Off*	24	24	24	
Harmonic Distortion				
500 Hz (%)	<3	<3	<3	
800 Hz (%)	<3	<3	<3	
1600 Hz (%)	<3	<3	<3	
Estimated Lithium-ion Battery Life*				
Without streaming (hrs)	Up to 41	Up to 41	Up to 41	
With streaming (hrs)	Up to 33	Up to 33	Up to 33	
Battery Current (mA)	0.5	0.5	0.6	

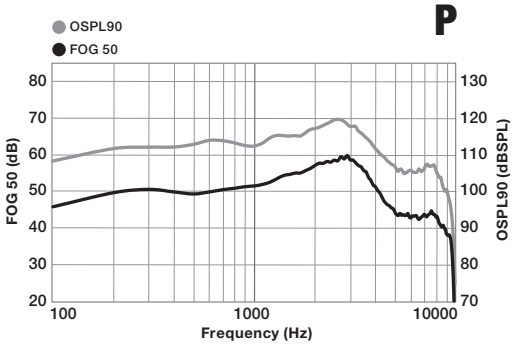
L



M



P



***Results will vary based on wireless usage.**

Starkey, Starkey Omega, and StarLink are trademarks of Starkey Laboratories, Inc.
©2026 Starkey Laboratories, Inc. All Rights Reserved. 6/26 SPEC3137-00-EN-ST



Starkey | Technical Data

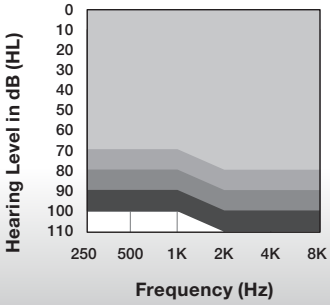
mRIC R CUSTOM CASED

micro Receiver-In-Canal Rechargeable

Omega AI+ 24 | 20 | 16

Fitting Range





Color Guide

Standard Colors



Patient Features

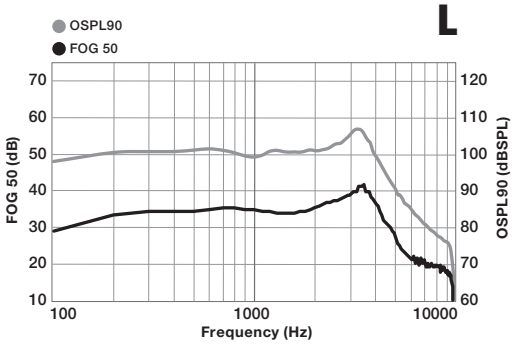
- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity
- Rechargeable Battery

Omega AI+ Technology

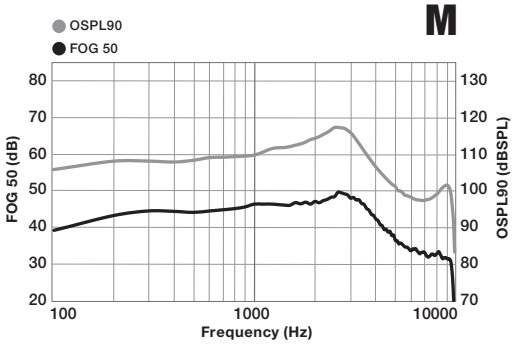
- Personal health monitoring technology with embedded sensors and artifical intelligence
- Compatible with StarLink 2.0 accessories and StarLink Edge accessories

	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)	107	117	119	125	
HFA OSPL90 (dB SPL)	101	113	115	122	
Peak Gain (dB)	42	50	60	66	
HFA Full-On Gain (dB)	35	47	55	63	
Frequency Range (Hz)	<100-9400	<100-9500	<100-9200	<100-5800	
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)	24	36	38	45	
Equivalent Input Noise (dB SPL) *Expansion On (Default)*	15	15	15	15	
Equivalent Input Noise (dB SPL) *Expansion Off*	24	24	24	24	
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 41	Up to 41	Up to 41	Up to 41	
With streaming (hrs)	Up to 33	Up to 33	Up to 33	Up to 33	
Battery Current (mA)	0.5	0.5	0.6	0.6	

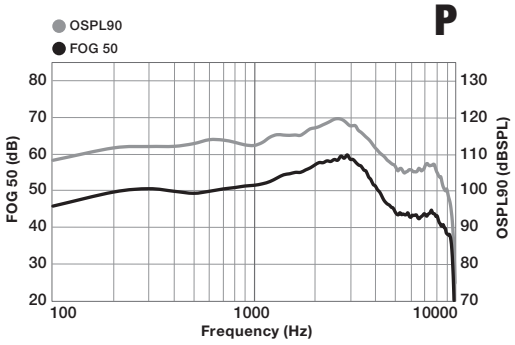
L



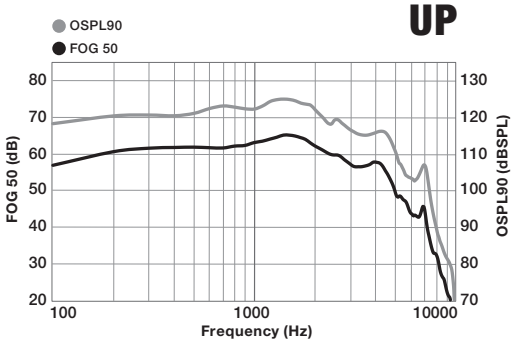
M



P



UP



***Results will vary based on wireless usage.**

Starkey, Starkey Omega, and StarLink are trademarks of Starkey Laboratories, Inc.
©2026 Starkey Laboratories, Inc. All Rights Reserved. 6/26 SPEC3137-00-EN-ST



Starkey | Technical Data

mRIC R

micro Receiver-In-Canal
Rechargeable



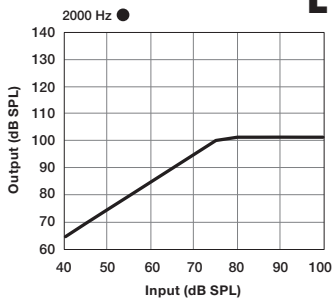
Starkey | Technical Data

mRIC R CUSTOM CASED

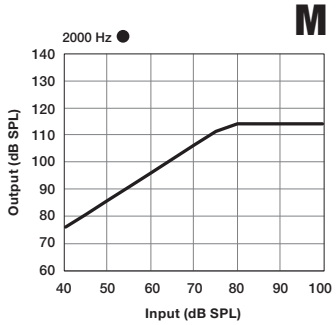
micro Receiver-In-Canal
Rechargeable

Omega AI+ 24 | 20 | 16

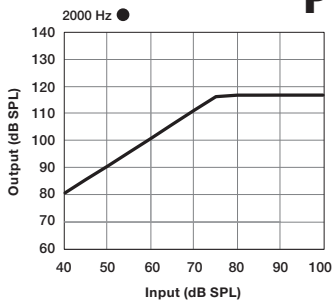
L



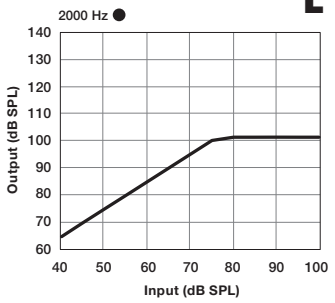
M



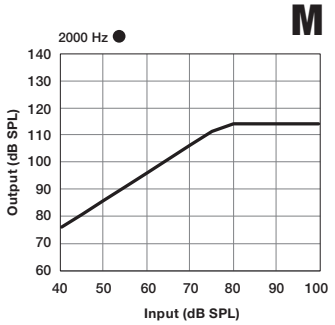
P



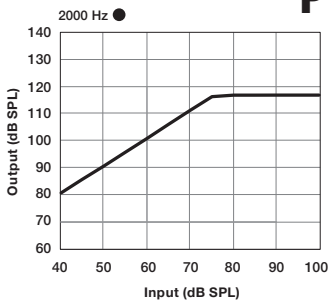
L



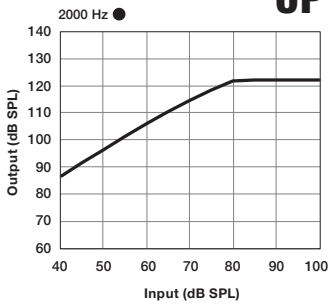
M



P



UP



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

Starkey, Starkey Omega, and StarLink are trademarks of Starkey Laboratories, Inc.
©2026 Starkey Laboratories, Inc. All Rights Reserved. 6/26 SPEC3137-00-EN-ST