

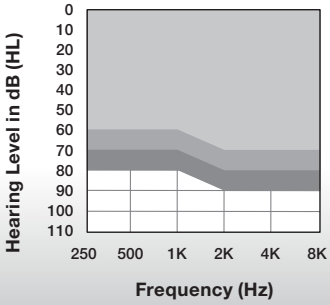
Starkey | Technical Data

RIC 312

Receiver-In-Canal

Fitting Range

- L
- M
- P



Omega AI+ 24 | 20 | 16

Color Guide

Standard Colors

White | Tech Black | Graphite Gray | Silver

Chestnut | Caramel | Beige

Patient Features

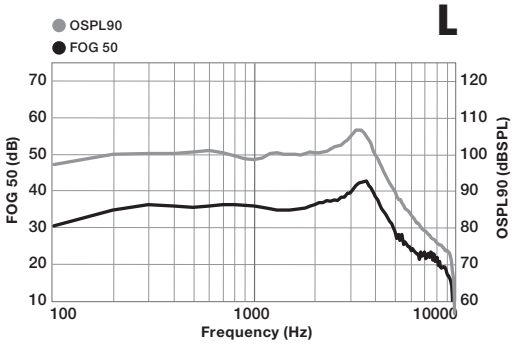
- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Dual Radio (2.4 GHz + NFMI)

Omega AI+ Technology

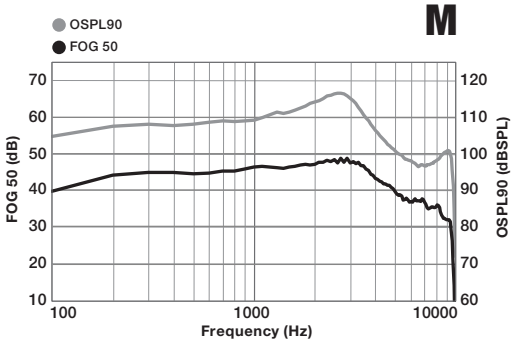
- Personal health monitoring technology with embedded sensors and artifical intelligence
- Compatible with StarLink 2.0 accessories and StarLink Edge accessories

	L	M	P	Matrices: L, M, P Battery Size: 312
Measurement	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	
Peak OSPL90 (dB SPL)	107	117	120	
HFA OSPL90 (dB SPL)	101	113	116	
Peak Gain (dB)	43	49	60	
HFA Full-On Gain (dB)	36	47	56	
Frequency Range (Hz)	<100-9400	<100-9400	<100-9400	
HFA Frequencies (kHz)	1.0, 1.6, 2.5	N/A	1.0, 1.6, 2.5	
Reference Test Gain (dB)	24	36	39	
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	
Induction Coil Sensitivity				
HFA SPLITS (ANSI) (dB SPL)	N/A	N/A	N/A	
MASL (IEC) (dB SPL)	N/A	N/A	N/A	
Estimated Battery Life for 16-Hour Day				
Without streaming (days)	Up to 6	Up to 6	Up to 6	
With streaming (days)	Up to 5	Up to 5	Up to 5	
Battery Current (mA)	1.5	1.6	1.6	

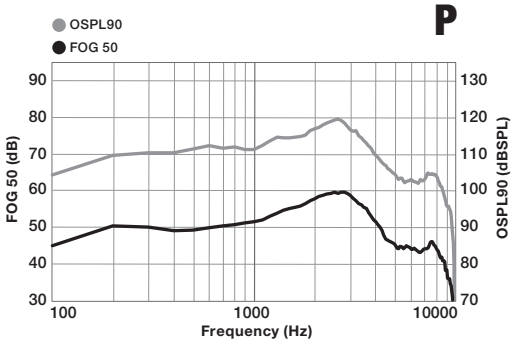
L



M



P



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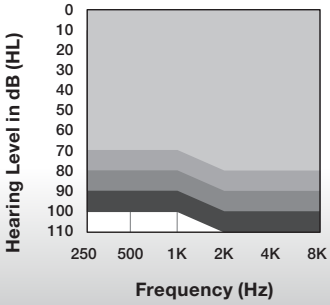
Starkey | Technical Data

RIC 312 CUSTOM CASED

Receiver-In-Canal

Fitting Range





Omega AI+ 24 | 20 | 16

Color Guide

Standard Colors



Patient Features

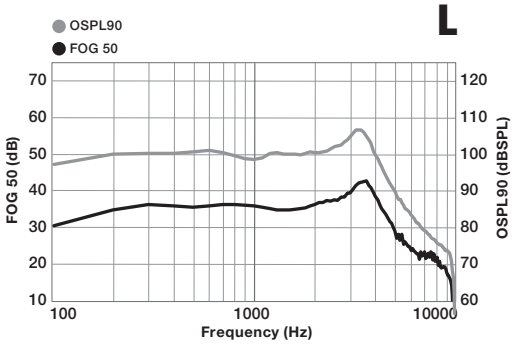
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Omega AI+ Technology

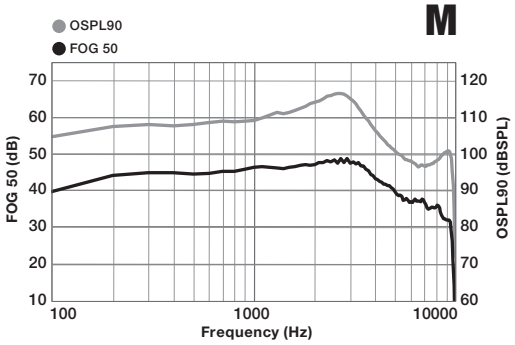
- Personal health monitoring technology with embedded sensors and artifical intelligence
- Compatible with StarLink 2.0 accessories and StarLink Edge accessories

	L	M	P	UP	Matrices: L, M, P, UP Battery Size: 312
Measurement	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	ANSI/IEC 2cc Coupler	
Peak OSPL90 (dB SPL)	107	117	120	125	
HFA OSPL90 (dB SPL)	101	113	116	122	
Peak Gain (dB)	43	49	60	67	
HFA Full-On Gain (dB)	36	47	56	64	
Frequency Range (Hz)	<100-9400	<100-9400	<100-9400	<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	39	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	
Induction Coil Sensitivity					
HFA SPLITS (ANSI) (dB SPL)	N/A	N/A	N/A	N/A	
MASL (IEC) (dB SPL)	N/A	N/A	N/A	N/A	
Estimated Battery Life for 16-Hour Day					
Without streaming (days)	Up to 6	Up to 6	Up to 6	Up to 6	
With streaming (days)	Up to 5	Up to 5	Up to 5	Up to 5	
Battery Current (mA)	1.5	1.6	1.6	1.7	

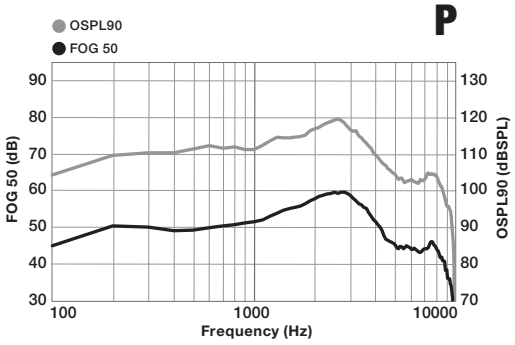
L



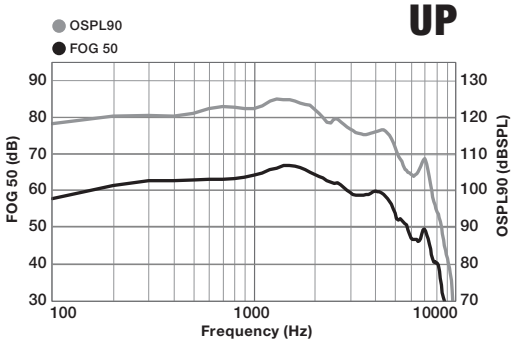
M



P



UP



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Starkey | Technical Data

RIC 312

Receiver-In-Canal



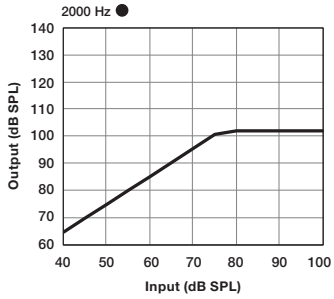
Starkey | Technical Data

RIC 312 CUSTOM CASED

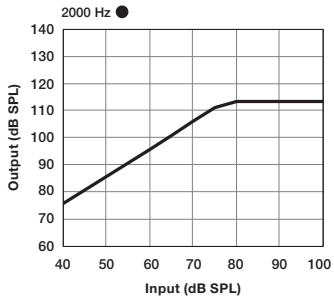
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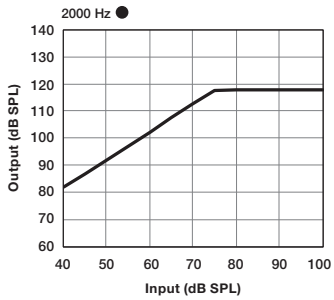
L



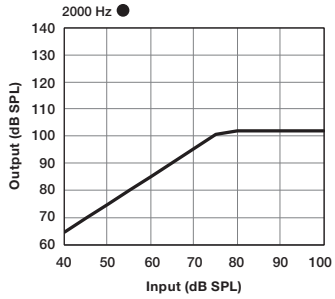
M



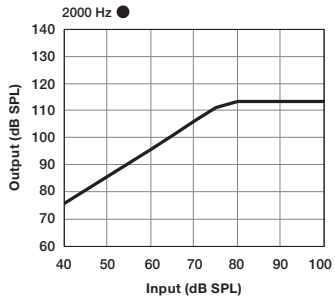
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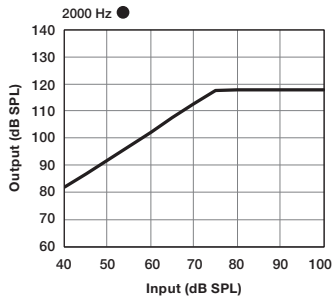
L



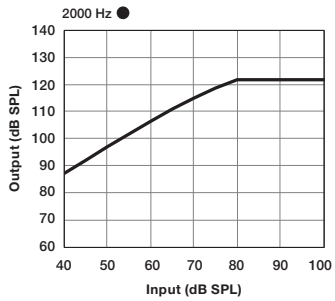
M



P



UP



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

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