



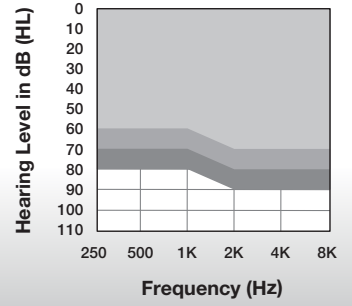
# NuEar | Technical Data

## RIC R

Receiver-In-Canal Rechargeable

### Fitting Range

- L
- M
- P



## NE Series AI 12 | 10

### Color Guide

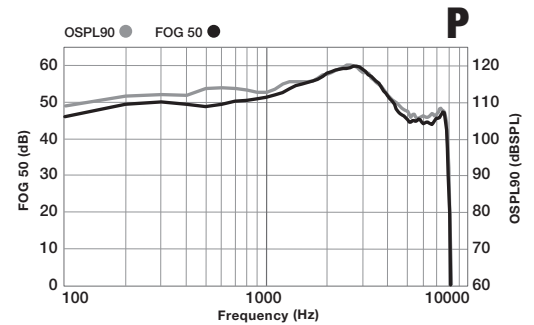
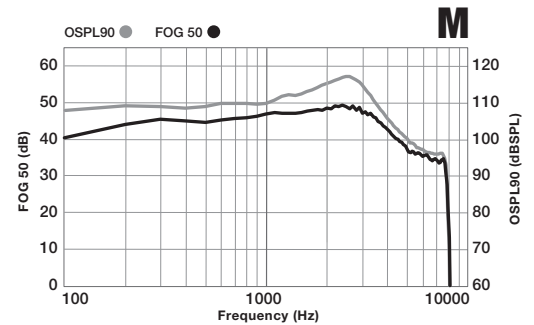
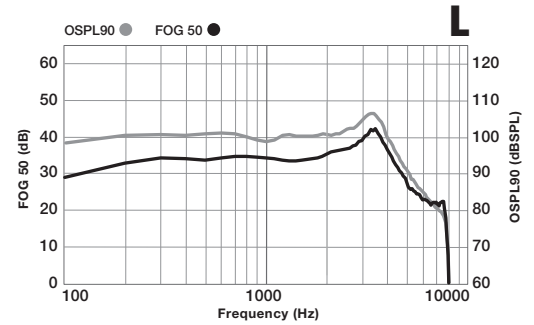
#### Standard Colors



### Patient Features

- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity
- Rechargeable Battery
- Dual Radio (2.4 GHz)
- Compatible with StarLink accessories

	L	M	P	Matrices: L, M, P Battery: Lithium-ion
<b>Measurement</b>	<b>ANSI/IEC 2cc Coupler</b>	<b>ANSI/IEC 2cc Coupler</b>	<b>ANSI/IEC 2cc Coupler</b>	
Peak OSPL90 (dB SPL)	107	117	120	
HFA OSPL90 (dB SPL)	101	113	116	
Peak Gain (dB)	43	50	60	
HFA Full-On Gain (dB)	36	47	56	
<b>Frequency Range (Hz)</b>	<100-7700	<100-7800	<100-7800	
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	39	
Equivalent Input Noise (dB)	24	24	24	
<b>Harmonic Distortion</b>				
500 Hz (%)	<3	<3	<3	
800 Hz (%)	<3	<3	<3	
1600 Hz (%)	<3	<3	<3	
<b>Estimated Lithium-ion Battery Life*</b>				
Without streaming (hrs)	Up to 50	Up to 50	Up to 50	
With streaming (hrs)	Up to 38	Up to 38	Up to 38	
Battery Current (mA)	0.5	0.5	0.5	



\*Results will vary based on wireless usage.

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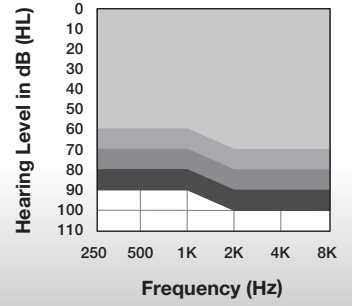
# NuEar | Technical Data

## RIC R CUSTOM CASED

### Receiver-In-Canal Rechargeable

#### Fitting Range

- L
- M
- P
- UP



## NE Series AI 12 | 10

### Color Guide

#### Standard Colors



### Patient Features

- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity
- Rechargeable Battery
- Dual Radio (2.4 GHz)
- 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)	107	117	120	125	
HFA OSPL90 (dB SPL)	111	113	116	122	
Peak Gain (dB)	43	50	60	67	
HFA Full-On Gain (dB)	36	47	56	64	
<b>Frequency Range (Hz)</b>	<100-7700	<100-7800	<100-7800	<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)	24	24	24	24	
<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 50	Up to 50	Up to 50	Up to 50	
With streaming (hrs)	Up to 38	Up to 38	Up to 38	Up to 38	
Battery Current (mA)	0.5	0.5	0.5	0.7	

\*Results will vary based on wireless usage.

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NuEar | Technical Data

# RIC R

Receiver-In-Canal  
Rechargeable

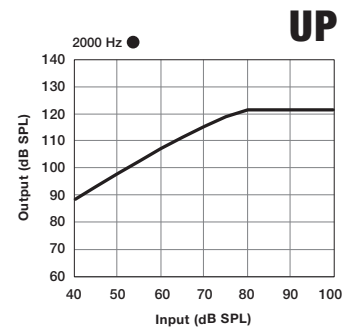
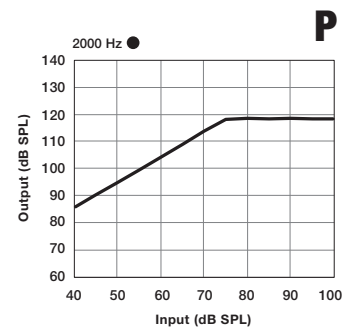
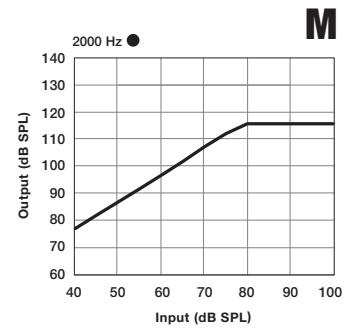
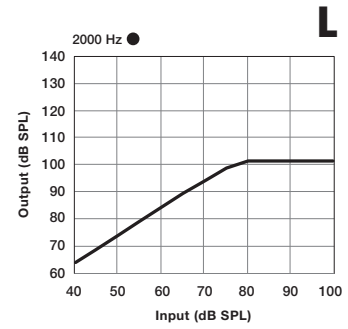
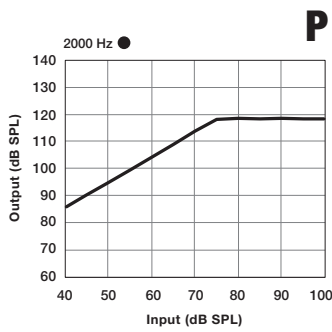
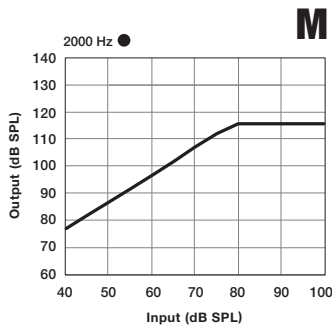
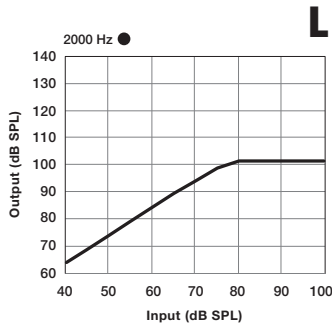


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# RIC R CUSTOM CASED

Receiver-In-Canal  
Rechargeable

NE Series AI 12 | 10



Latency (ms) 4.3

Attack Time (ms) 3

Release Time (ms) 60