



Starkey | Technical Data

# mRIC R

micro Receiver-In-Canal  
Rechargeable

Edge AI

## Key Features

- Bluetooth Low Energy Audio with Auracast technology
- StarLink Edge TV Streamer & StarLink Remote Control 2.0 Compatibility
- Apple Watch Controls
- Balance Assessment within My Starkey App
- Demo Stream
- Tinnitus maskers (blue/red/pink/purple/ocean)
- Lithium Ion Rechargeable Battery
- 24 Channels
- 4 Programs\*
- Directional Processing: Adaptive, Dynamic
- Additive Compressor
- Feedback Canceller
- Data Log
- Voice AI
- Translate
- Multiflex Tinnitus Pro
- Transcribe
- Edge Mode+
- Smart Assistant
- 2- Way Audio & Find My Phone
- Hearing Health & Activity Tracking
- Fall Alert
- Reminders & Self-Check
- Auto Sleep
- Tap Control
- SnapFit 2.0 & Custom Cased SnapFit 2.0 Receivers
- TeleHear full remote fit & REM Target Match
- My Starkey & Hear Share App Compatibility
- NOAH Link Wireless Programming
- Waterproof up to 1 meter

### Sound Manager:

- Quiet
- Machine Noise Reduction
- Speech in Noise Reduction
- Transient Noise Reduction
- Wind Reduction

### Ear-to-Ear Technology:

- Binaural Wind
- Binaural Machine
- Binaural Mode Directionality

\*Programs accessible via hearing aid user control or wireless accessory

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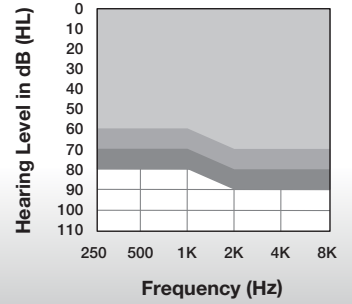
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## mRIC R

micro Receiver-In-Canal  
Rechargeable

### Fitting Range

- L
- M
- P



### Edge AI

#### Color Guide

##### Standard Colors



#### Patient Features

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

#### Edge AI Technology

- Personal health monitoring technology with embedded sensors and artificial intelligence
- Compatible with StarLink Remote Control 2.0 and StarLink Edge 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	119	<p>Graph L shows OSPL90 (dB SPL) and FOG 50 (dB) vs Frequency (Hz) for Matrix L. OSPL90 ranges from ~45 to 60 dB SPL, and FOG 50 ranges from ~30 to 45 dB. Frequency ranges from 100 to 10,000 Hz.</p>
HFA OSPL90 (dB SPL)	101	113	115	
Peak Gain (dB)	42	50	60	
HFA Full-On Gain (dB)	35	47	55	
<b>Frequency Range (Hz)</b>	<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) <i>Expansion On (Default)</i>	15	15	15	
Equivalent Input Noise (dB SPL) <i>Expansion Off</i>	24	24	24	
<b>Harmonic Distortion</b>				
500 Hz (%)	<3	<3	<3	
800 Hz (%)	<3	<3	<3	
1600 Hz (%)	<3	<3	<3	<p>Graph P shows OSPL90 (dB SPL) and FOG 50 (dB) vs Frequency (Hz) for Matrix P. OSPL90 ranges from ~60 to 75 dB SPL, and FOG 50 ranges from ~45 to 60 dB. Frequency ranges from 100 to 10,000 Hz.</p>
<b>Estimated Lithium-ion Battery Life*</b>				
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	
<b>Tinnitus Therapy Stimulus</b>				
Max RMS Output (dB SPL)	87	87	87	
Weighted RMS Output Level (dB SPL)	87	87	87	
Max 1/3 Octave Output (dB SPL)	87	87	87	

\*Results will vary based on wireless usage.



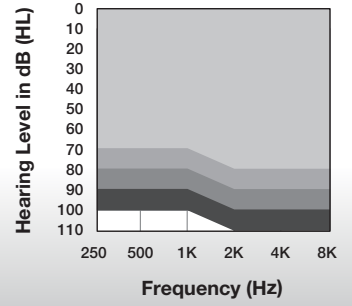
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## mRIC R CUSTOM CASED

micro Receiver-In-Canal  
Rechargeable

### Fitting Range

- L
- M
- P
- UP



## Edge AI

### Color Guide

#### Standard Colors



### Patient Features

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

### Edge AI Technology

- Personal health monitoring technology with embedded sensors and artificial intelligence
- Compatible with StarLink Remote Control 2.0 and StarLink Edge 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	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	
<b>Frequency Range (Hz)</b>	<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) <i>Expansion On (Default)</i>	15	15	15	15	
Equivalent Input Noise (dB SPL) <i>Expansion Off</i>	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 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	
<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.

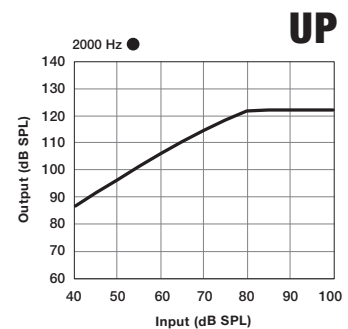
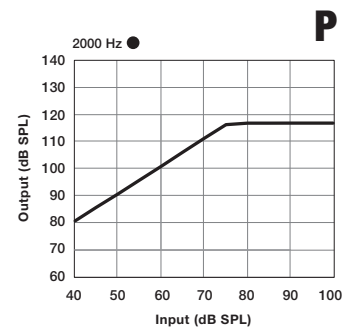
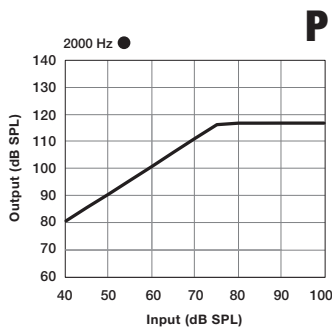
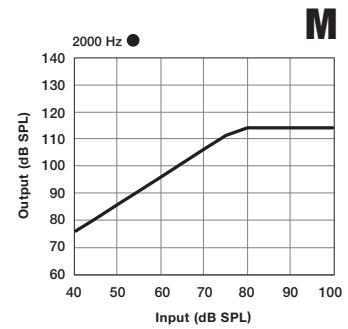
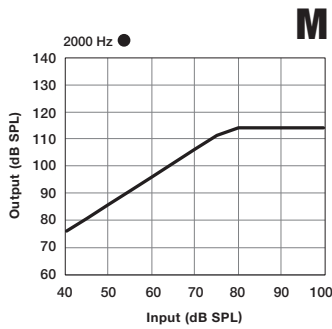
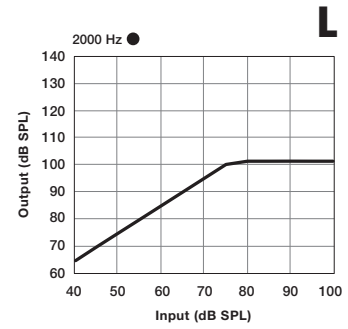
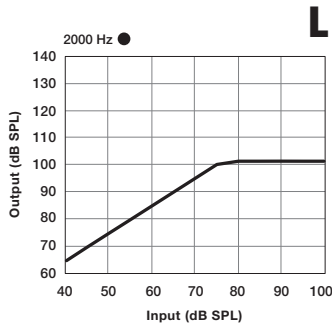


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Latency (ms)	4.3
Attack Time (ms)	3
Release Time (ms)	60