



Starkey | Technical Data

# ITE R

In-The-Ear 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
- TeleHear full remote fit & REM Target Match
- My Starkey & Hear Share App Compatibility
- NOAH Link Wireless Programming
- Optional Telecoil
- 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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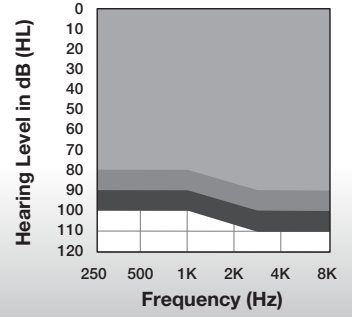
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### Fitting Range

- M
- P
- UP



## Edge AI

### Color Guide

#### Faceplate Colors



#### Shell Colors



### Patient Features

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

### Edge AI Technology

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

	M	P	UP	Matrices: 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>	
Peak OSPL90 (dB SPL)	114	117	125	<p><b>M</b></p>
HFA OSPL90 (dB SPL)	109	113	121	
Peak Gain (dB)	51	58	67	
HFA Full-On Gain (dB)	46	54	63	
<b>Frequency Range (Hz)</b>	<100-8300	<100-5700	<100-5300	
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)	32	36	44	
Equivalent Input Noise (dB SPL) <i>Expansion On (Default)</i>	15	15	15	
Equivalent Input Noise (dB SPL) <i>Expansion Off</i>	25	25	25	
<b>Harmonic Distortion</b>				
500 Hz (%)	<3	<3	<3	
800 Hz (%)	<3	<3	<3	
1600 Hz (%)	<3	<3	<3	<p><b>UP</b></p>
<b>Induction Coil Sensitivity</b>				
HFA SPLITS (ANSI) (dB SPL) <sup>1,2</sup>	92	97	105	
MASL (IEC) (dB SPL) <sup>1</sup>	74	83	92	
<b>Estimated Lithium-ion Battery Life<sup>3</sup></b>				
Without streaming (hrs)	Up to 42	Up to 42	Up to 42	
With streaming (hrs)	Up to 36	Up to 36	Up to 36	
Battery Current (mA)	0.9	0.9	0.9	
<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	

<sup>1</sup>Devices built with a vertical coil orientation.

<sup>2</sup>HFA SPLITS values could be increased by up to 6 dB for horizontal coil orientation.

<sup>3</sup>Results will vary based on wireless usage.

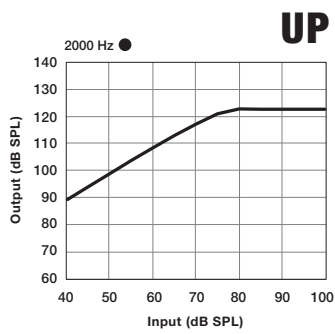
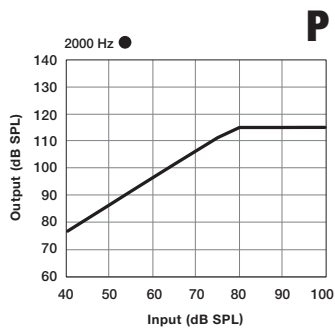
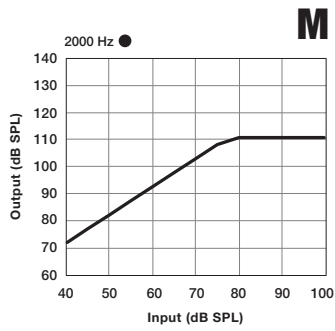


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Latency (ms) 4.3

Attack Time (ms) 3

Release Time (ms) 60