



Starkey | Technical Data

HS R

Half Shell 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
- 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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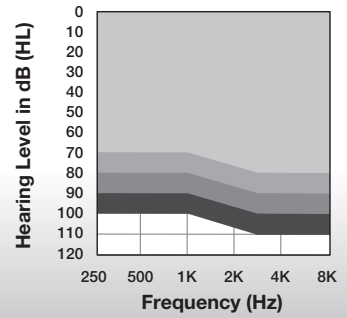
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Fitting Range

- L
- M
- P
- UP



Edge AI

Color Guide

Faceplate Colors



Shell 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 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---|
| Measurement | ANSI/IEC 2cc Coupler | ANSI/IEC 2cc Coupler | ANSI/IEC 2cc Coupler | ANSI/IEC 2cc Coupler | |
| Peak OSPL90 (dB SPL) | 110 | 114 | 117 | 125 | |
| HFA OSPL90 (dB SPL) | 105 | 109 | 113 | 122 | |
| Peak Gain (dB) | 40 | 50 | 59 | 68 | |
| HFA Full-On Gain (dB) | 36 | 46 | 55 | 63 | |
| Frequency Range (Hz) | <100-9600 | <100-8400 | <100-6600 | <100-5300 | |
| 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) | 28 | 32 | 36 | 45 | |
| Equivalent Input Noise (dB SPL) <i>Expansion On (Default)</i> | 15 | 15 | 15 | 15 | |
| Equivalent Input Noise (dB SPL) <i>Expansion Off</i> | 25 | 25 | 25 | 25 | |
| 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 42 | Up to 42 | Up to 42 | Up to 42 | |
| With streaming (hrs) | Up to 36 | Up to 36 | Up to 36 | Up to 36 | |
| Battery Current (mA) | 0.9 | 0.9 | 0.9 | 0.9 | |
| Tinnitus Therapy Stimulus | | | | | |
| 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.

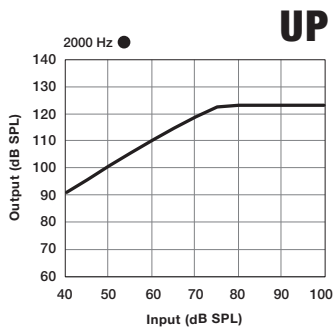
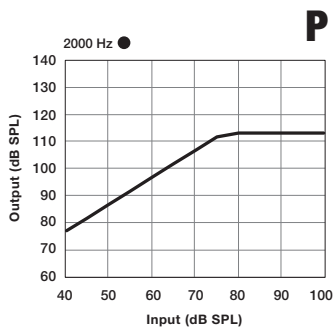
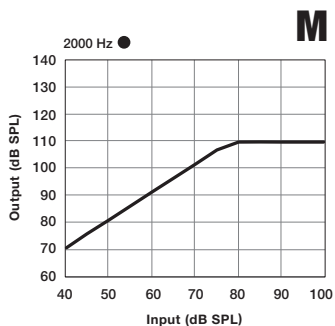
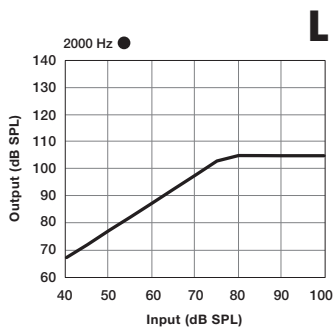


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Latency (ms) 4.3

Attack Time (ms) 3

Release Time (ms) 60