



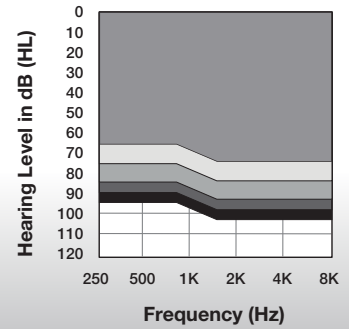
# Starkey | Technical Data

## HS R

Half Shell Rechargeable

### Fitting Range

- HS R 40
- HS R 50
- HS R 60
- HS R 65
- HS R 70



### Evolv AI

#### Color Guide

##### Faceplate Colors



##### Shell Colors



#### Accessory Compatibility

- TV Streamer
- Remote Microphone Plus
- Remote Control
- Mini Remote Microphone
- Table Microphone
- Programmer
- Custom Charger

#### Patient Features

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

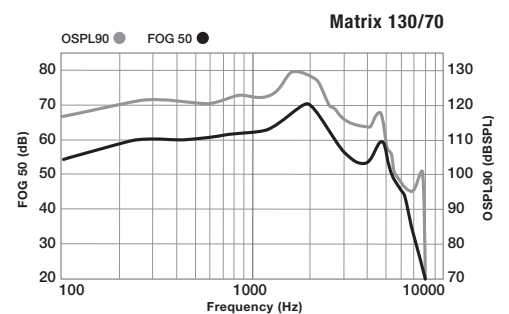
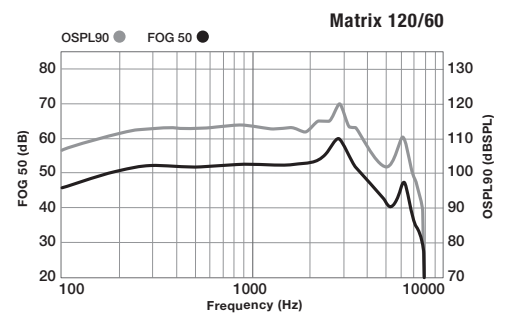
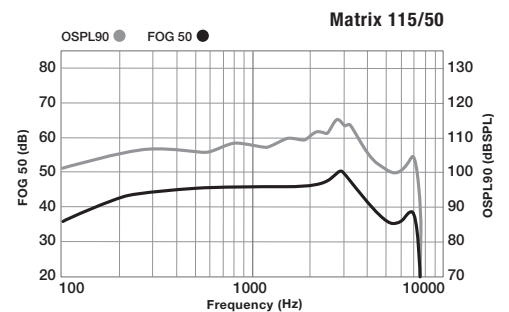
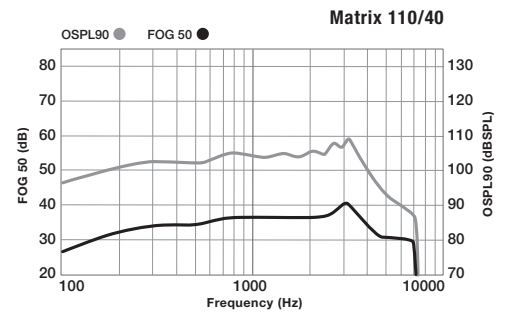
#### Evolv AI Technology

- Healthable hearing technology with embedded sensors and artificial intelligence
- Reference Evolv AI Feature Chart for additional features

### HS R Gain Data

Measurement	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	110-130	121-139
HFA OSPL90 (dB SPL)	106-124	N/A
RTF OSPL90 (dB SPL)	N/A	115-139
Peak Gain (dB)	40-70	53-79
HFA Full-On Gain (dB)	36-63	N/A
RTF Full-On Gain (dB)	N/A	46-78
<b>Frequency Range (Hz)</b>	<100-9600	<100-9600
Reference Test Freq. (kHz)	N/A	1.6
HFA Frequencies (kHz)	1.0, 1.6, 2.5	N/A
Reference Test Gain (dB)	28-47	39-64
Equivalent Input Noise (dB)	<25	<25
<b>Harmonic Distortion</b>		
500 Hz (%)	<3	<3
800 Hz (%)	<3	<3
1600 Hz (%)	<3	<3

### Matrices: 110/40, 115/50, 120/60, 130/70 Battery Size: Encased 312



#### Estimated Lithium ION Battery Life

Li-Ion Rechargeable Battery (hrs) Up to 24 hours\*

#### Tinnitus Therapy Stimulus

Max RMS Output (dB SPL)	87
Weighted RMS Output Level (dB SPL)	87
Max 1/3 Octave Output (dB SPL)	87

\*Results will vary based on wireless usage.