



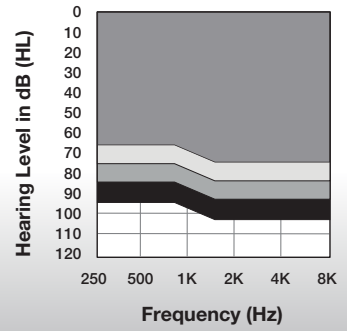
Starkey | Technical Data

HS R

Half Shell Rechargeable

Fitting Range

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



Evolv AI 2400 | 2000 | 1600

Color Guide

Faceplate Colors



Shell Colors



2.4 GHz Accessory Compatibility

- TV streamer
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

Patient Features

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

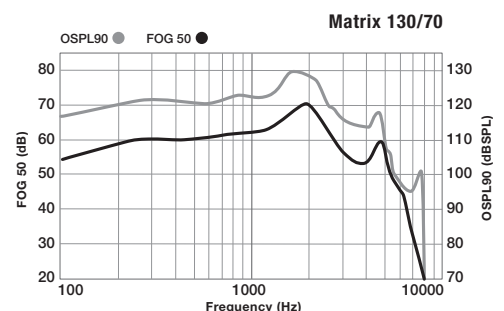
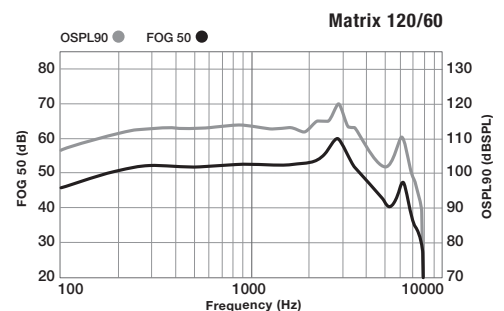
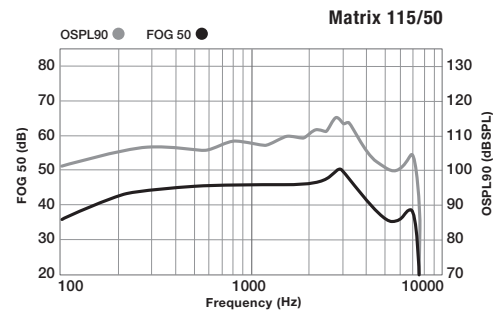
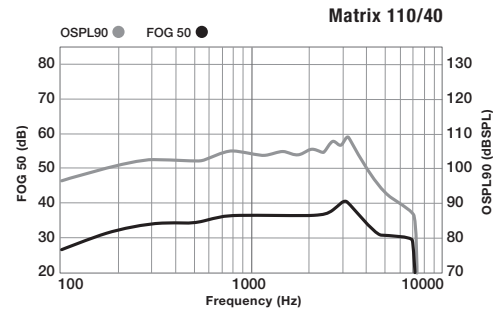
Evolv AI Technology

- Healthable hearing technology with embedded sensors and artificial intelligence

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
Frequency Range (Hz)	<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
Harmonic Distortion		
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*	
Battery Current (mA)	0.6	0.6

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.



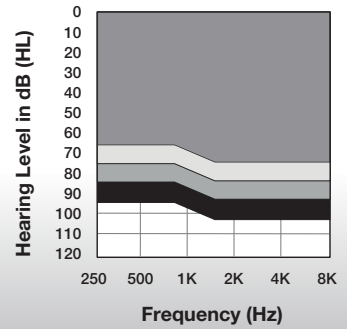
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Evolv AI 1200 | 1000

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HS R Gain Data

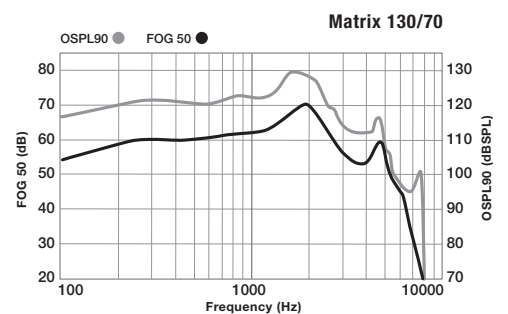
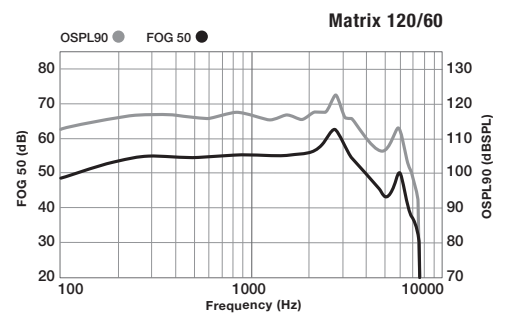
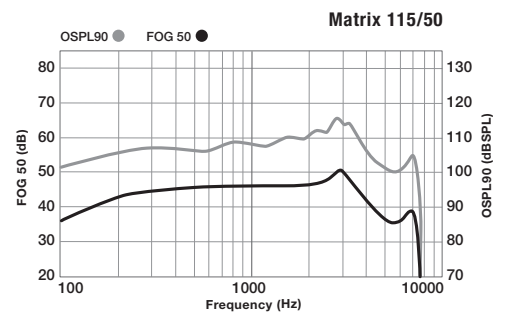
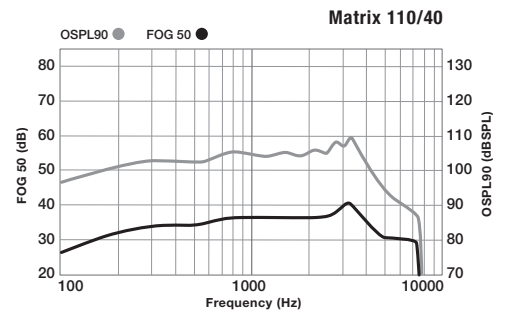
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Battery Size: Encased 312



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**The highest matrix of 130/70 is not offered on 1000 tier products.

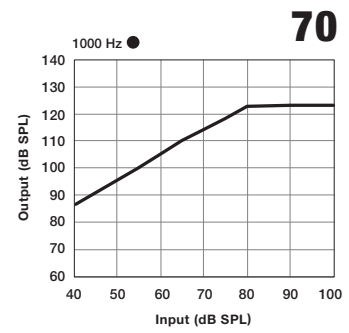
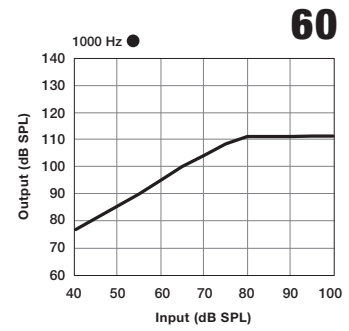
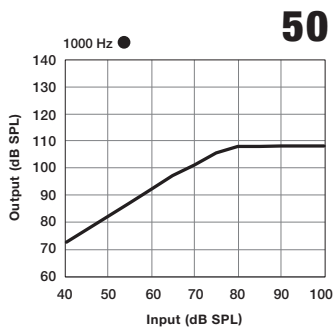
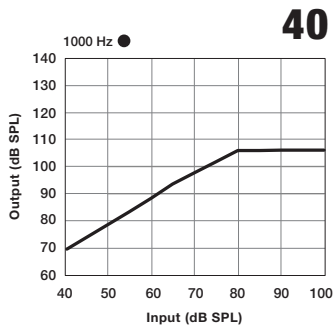


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Evolv AI



Latency (ms)	4.3
Attack Time (ms)	8
Release Time (ms)	55