



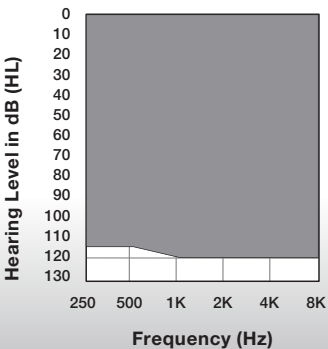
Starkey | Technical Data

UP BTE 13

Behind-The-Ear

Fitting Range

● UP



G Series AI 24 | 20 | 16 | 12 | 10

Color Guide

Standard Colors



Patient Features

- IP Rating: 68
- Tinnitus Technology
- Wireless Connectivity
- Telecoil
- 2.4 GHz Radio
- Compatible with StarLink accessories

	Earhook		Thin Tube		Matrices: 140/80 Battery Size: 13	
Measurement	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler		
Peak OSPL90 (dB SPL)	140	141	131	135		
HFA OSPL90 (dB SPL)	131	N/A	116	N/A		
RTF OSPL90 (dB SPL)	N/A	134	N/A	121		
Peak Gain (dB)	80	82	76	79		
HFA Full-On Gain (dB)	71	N/A	58	N/A		
RTF Full-On Gain (dB)	N/A	77	N/A	64		
Frequency Range (Hz)	<100-6300	<100-6500	<100-5400	<100-6700		
Reference Test Freq. (kHz)	N/A	1.6	N/A	1.6		
HFA Frequencies (kHz)	1.0, 1.6, 2.5	N/A	1.0, 1.6, 2.5	N/A		
Reference Test Gain (dB)	54	59	39	46		
Equivalent Input Noise (dB)	21	21	31	30		
Harmonic Distortion						
500 Hz (%)	<5	<5	<1	<1		
800 Hz (%)	<2	<1	<1	<2		
1600 Hz (%)	<1	<1	<2	<3		
3200 Hz (%)	<1	<1	<1	<2		
Induction Coil Sensitivity						
HFA SPLITS (ANSI) (dB SPL)	115	N/A	101	N/A		
RSETS	1	N/A	2	N/A		
HFA-SPLIV	115	N/A	101	N/A		
RTLS / ETLS	1	1	2	0		
RTF-SPLIV	N/A	120	N/A	106		
RTF-MASL	N/A	128	N/A	121		
Full-on HFA SPLIV	114	N/A	108	N/A		
Battery Current (mA)	1.8	1.5	1.5	1.1		
Estimated Battery Life for 16-Hour Day						
13 Zinc Air (days)	10-15*	10-15*	10-15*	10-15*		

Earhook

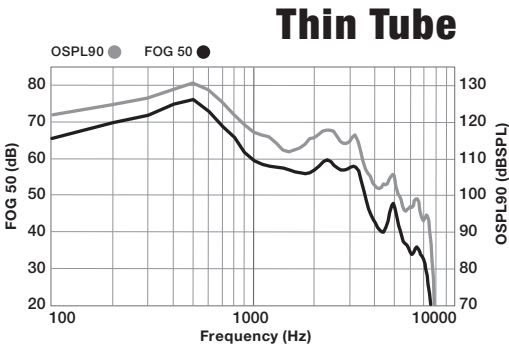
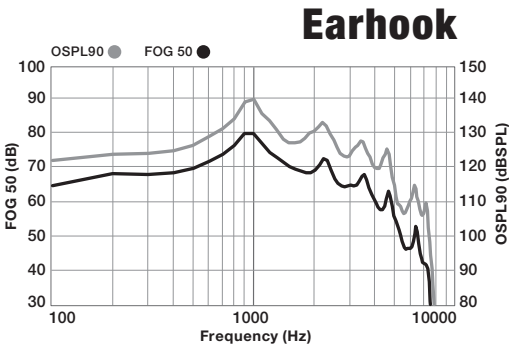
This graph displays the frequency response for the Earhook configuration. The x-axis represents Frequency in Hz on a logarithmic scale from 100 to 10,000. The left y-axis represents FOG 50 in dB (30-100), and the right y-axis represents OSPL90 in dB (80-150). The OSPL90 curve (grey) shows a broad peak around 1,000 Hz, while the FOG 50 curve (black) shows a more defined peak at the same frequency. Both curves decline significantly above 2,000 Hz.

Frequency (Hz)	OSPL90 (dB)	FOG 50 (dB)
100	115	65
1000	135	80
10000	85	35

Thin Tube

This graph displays the frequency response for the Thin Tube configuration. The axes and curves are similar to the Earhook graph. The OSPL90 curve (grey) has a peak around 1,000 Hz, and the FOG 50 curve (black) follows a similar trend but with lower overall values compared to the Earhook setup.

Frequency (Hz)	OSPL90 (dB)	FOG 50 (dB)
100	115	65
1000	125	70
10000	85	35



*Results will vary based on wireless usage.



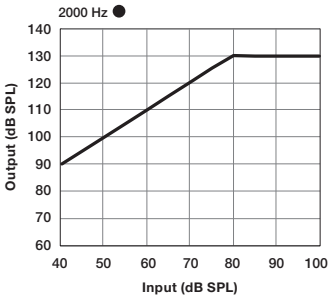
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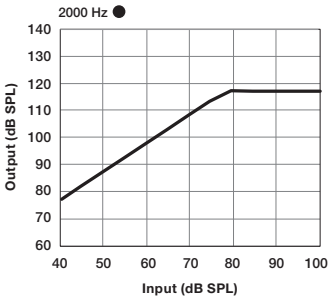
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Earhook



Thin Tube



Latency (ms)	<6
Attack Time (ms)	3
Release Time (ms)	60