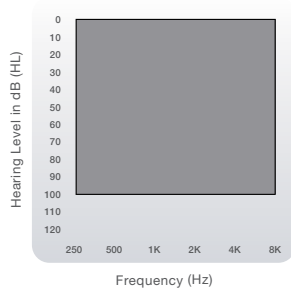


BTE 13

BEHIND-THE-EAR

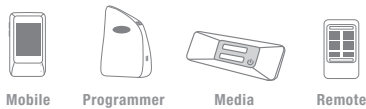
i110 / i90 / i70 / i30 / i20

FITTING GUIDE



3 Series BTE 13 fitting range.

SURFLINK ACCESSORY COMPATIBILITY



COLOR GUIDE



EARHOOK

THIN TUBE (Size 3+, Occluded)

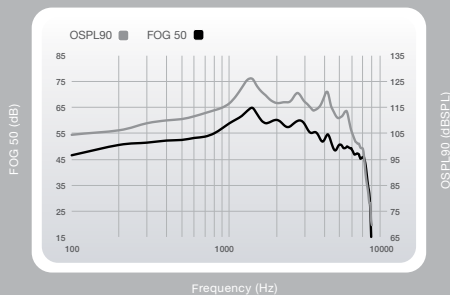
Measurement

	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	126	131	121	124
HFA OSPL90 (dB SPL)	119	N/A	108	N/A
RTF OSPL90 (dB SPL)	N/A	130	N/A	112
Peak Gain (dB)	65	70	63	68
HFA Full-On Gain (dB)	59	N/A	52	N/A
RTF Full-On Gain (dB)	N/A	70	N/A	57
Frequency Range (Hz)	100-7400	100-7400	100-7400	100-7400
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)	42	55	31	37
Harmonic Distortion				
500 Hz (%)	<5	<4	<2	<2
800 Hz (%)	<3	<4	<1	<1
1600 Hz (%)	<3	<3	<2	<2
Induction Coil Sensitivity				
HFA SPLITS (ANSI) (dB SPL)	102	N/A	87	N/A
MASL (IEC) (dB SPL)	N/A	100	N/A	86
ANSI/IEC Battery Current (mA)	1.7*	1.7*	1.7*	1.7*
Idle Current (mA)	1.3*	1.3*	1.3*	1.3*
Estimated Battery Life for 16-Hour Day				
13 Zinc Air (days)	9-11*	9-11*	9-11*	9-11*

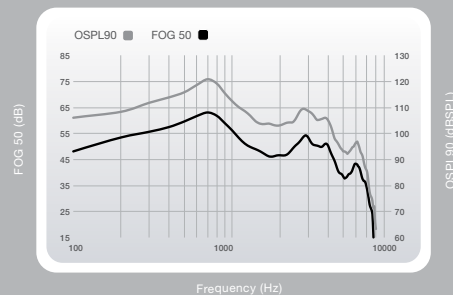
▶ **Matrix** 126/65

▶ **Battery Size** 13

*Results for wireless products will vary based on wireless usage.



OSPL90 (gray) and Full-On Gain (black) curves for the 3 Series BTE 13 with Earhook.



OSPL90 (gray) and Full-On Gain (black) curves for the 3 Series BTE 13 with Thin Tube.

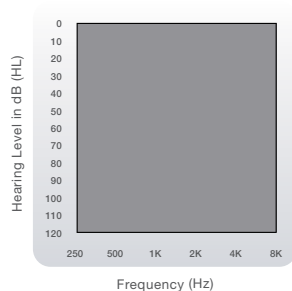
BTE 13 POWER PLUS

BEHIND-THE-EAR POWER PLUS

i110 / i90 / i70 / i30 / i20

EARHOOK

FITTING GUIDE



3 Series Power Plus BTE 13 fitting range.

SURFLINK ACCESSORY COMPATIBILITY



COLOR GUIDE

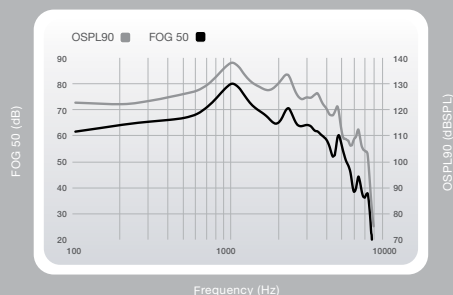


Measurement

	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	138	142
HFA OSPL90 (dB SPL)	131	N/A
RTF OSPL90 (dB SPL)	N/A	136
Peak Gain (dB)	80	84
HFA Full-On Gain (dB)	72	N/A
RTF Full-On Gain (dB)	N/A	76
Frequency Range (Hz)	100-5400	100-5700
Reference Test Freq. (kHz)	N/A	1.6
HFA Frequencies (kHz)	1.0, 1.6, 2.5	N/A
Reference Test Gain (dB)	52	57
Harmonic Distortion		
500 Hz (%)	<5	<5
800 Hz (%)	<2	<2
1600 Hz (%)	<1	<1
Induction Coil Sensitivity		
HFA SPLITS (ANSI) (dB SPL)	100	N/A
MASL (IEC) (dB SPL)	N/A	101
ANSI/IEC Battery Current (mA)	2.1*	1.8*
Idle Current (mA)	1.5*	1.5*
Estimated Battery Life for 16-Hour Day		
13 Zinc Air (days)	8-12*	8-12*

▶ Matrix	138/80
▶ Battery Size	13

*Results for wireless products will vary based on wireless usage.



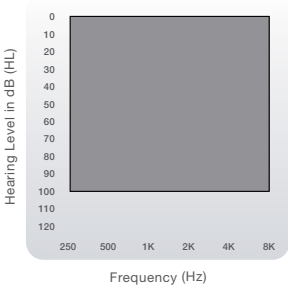
OSPL90 (gray) and Full-On Gain (black) curves for the 3 Series Power Plus BTE 13 with Earhook.

BTE 13

BEHIND-THE-EAR

110 / 90 / 70 / 30 / 20

FITTING GUIDE



3 Series BTE 13 fitting range.

COLOR GUIDE

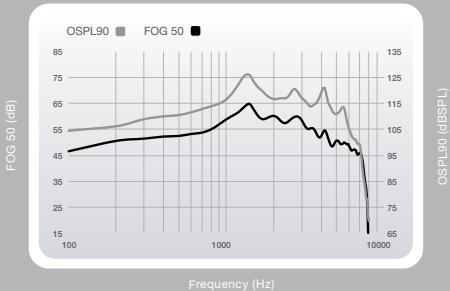


EARHOOK

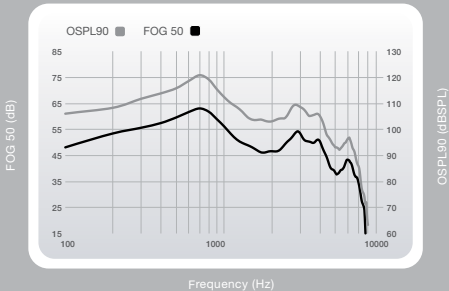
THIN TUBE
(Size 3+, Occluded)

Measurement	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	126	131	121	124
HFA OSPL90 (dB SPL)	119	N/A	108	N/A
RTF OSPL90 (dB SPL)	N/A	130	N/A	112
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RTF Full-On Gain (dB)	N/A	70	N/A	57
Frequency Range (Hz)	100-7400	100-7400	100-7400	100-7400
Reference Test Freq. (kHz)	N/A	1.6	N/A	1.6
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Reference Test Gain (dB)	42	55	31	37
Harmonic Distortion				
500 Hz (%)	<5	<4	<2	<2
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Induction Coil Sensitivity				
HFA SPLITS (ANSI) (dB SPL)	102	N/A	87	N/A
MASL (IEC) (dB SPL)	N/A	100	N/A	86
ANSI/IEC Battery Current (mA)	1.7	1.7	1.7	1.7
Idle Current (mA)	1.3	1.3	1.3	1.3
Estimated Battery Life for 16-Hour Day				
13 Zinc Air (days)	9-11	9-11	9-11	9-11

- ▶ Matrix 126/65
- ▶ Battery Size 13



OSPL90 (gray) and Full-On Gain (black) curves for the 3 Series BTE 13 with Earhook.



OSPL90 (gray) and Full-On Gain (black) curves for the 3 Series BTE 13 with Thin Tube.

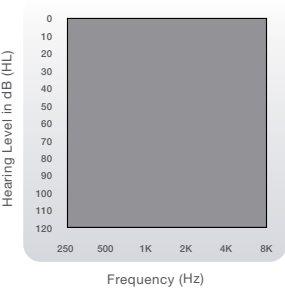
BTE 13 POWER PLUS

BEHIND-THE-EAR POWER PLUS

110 / 90 / 70 / 30 / 20

EARHOOK

FITTING GUIDE



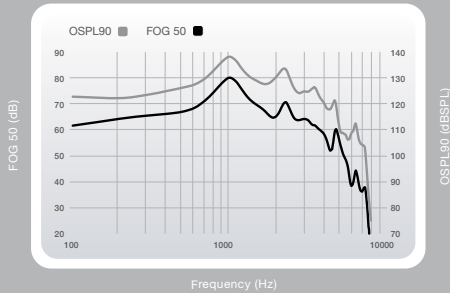
3 Series Power Plus BTE 13 fitting range.

COLOR GUIDE



Measurement	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	138	142
HFA OSPL90 (dB SPL)	131	N/A
RTF OSPL90 (dB SPL)	N/A	136
Peak Gain (dB)	80	84
HFA Full-On Gain (dB)	72	N/A
RTF Full-On Gain (dB)	N/A	76
Frequency Range (Hz)	100-5400	100-5700
Reference Test Freq. (kHz)	N/A	1.6
HFA Frequencies (kHz)	1.0,1.6,2.5	N/A
Reference Test Gain (dB)	52	57
Harmonic Distortion		
500 Hz (%)	<5	<5
800 Hz (%)	<2	<2
1600 Hz (%)	<1	<1
Induction Coil Sensitivity		
HFA SPLITS (ANSI) (dB SPL)	100	N/A
MASL (IEC) (dB SPL)	N/A	101
ANSI/IEC Battery Current (mA)	2.1	1.8
Idle Current (mA)	1.5	1.5
Estimated Battery Life for 16-Hour Day		
13 Zinc Air (days)	8-12	8-12

- ▶ **Matrix** 138/80
- ▶ **Battery Size** 13



OSPL90 (gray) and Full-On Gain (black) curves for the 3 Series Power Plus BTE 13 with Earhook.