



SOUNDLENS SYNERGY iQ i2400

Color Guide

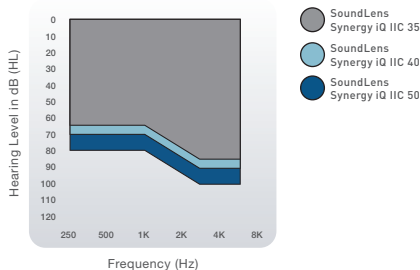
Standard Colors



Shell Colors



Fitting Range



SurfLink Accessories



110/35

110/40

Measurement

	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	110	120	110	120
HFA OSPL90 (dB SPL)	106	N/A	106	N/A
RTF OSPL90 (dB SPL)	N/A	114	N/A	114
Peak Gain (dB)	35	45	40	51
HFA Full-On Gain (dB)	30	N/A	36	N/A
RTF Full-On Gain (dB)	N/A	39	N/A	44
Frequency Range (Hz)	<100-9400	<100-9700	<100-9400	<100-9700
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)	29	32	29	37
Equivalent Input Noise (dB)	<25	<25	<25	<25
Harmonic Distortion				
500 Hz (%)	<3	<3	<3	<3
800 Hz (%)	<3	<3	<3	<3
1600 Hz (%)	<3	<3	<3	<3
ANSI/IEC Battery Current (mA)	1.2	1.2	1.2	1.2
Idle Current (mA)	1.2	1.2	1.2	1.2

Estimated Battery Life for 16-Hour Day

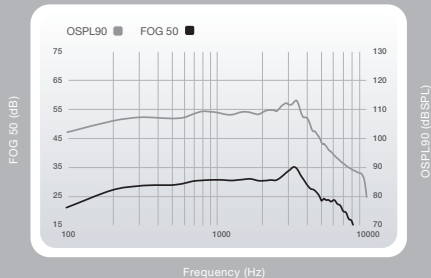
10 Zinc Air (days)	4-7*	4-7*	4-7*	4-7*
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Tinnitus Therapy Stimulus

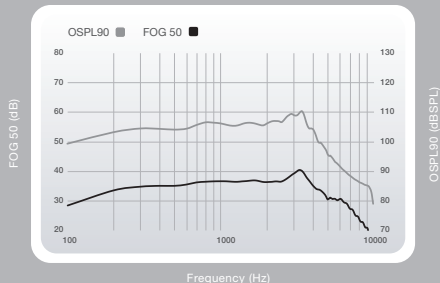
Max RMS Output (dB SPL)	87	87
Weighted RMS Output Level (dB SPL)	87	87
Max 1/3 Octave Output (dB SPL)	87	87

▶ Matrices: 110/35, 110/40

▶ Battery Size: 10



OSPL90 (gray) and Full-On Gain (black) curves for the SoundLens Synergy iQ i2400 at a matrix of 110/35.



OSPL90 (gray) and Full-On Gain (black) curves for the SoundLens Synergy iQ i2400 at a matrix of 110/40.



Patient Features

- Tinnitus Technology
- Wireless Connectivity

SOUNDLENS SYNERGY iQ i2400

Color Guide

Standard Colors



Shell Colors



SurfLink
Mini Mobile
System



SurfLink
Remote
Microphone 2



SurfLink
Media 2



SurfLink
Mobile 2



SurfLink
Remote



SurfLink
Programmer

SurfLink Accessories

115/50

Measurement

	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	115	118
HFA OSPL90 (dB SPL)	109	N/A
RTF OSPL90 (dB SPL)	N/A	110
Peak Gain (dB)	50	54
HFA Full-On Gain (dB)	46	N/A
RTF Full-On Gain (dB)	N/A	46
Frequency Range (Hz)	<100-8500	<100-8900

Reference Test Freq. (kHz)	N/A	1.6
HFA Frequencies (kHz)	1.0,1.6,2.5	N/A
Reference Test Gain (dB)	32	35
Equivalent Input Noise (dB)	<25	<25

Harmonic Distortion

500 Hz (%)	<3	<3
800 Hz (%)	<3	<3
1600 Hz (%)	<3	<3

ANSI/IEC Battery Current (mA)	1.4	1.3
Idle Current (mA)	1.2	1.2

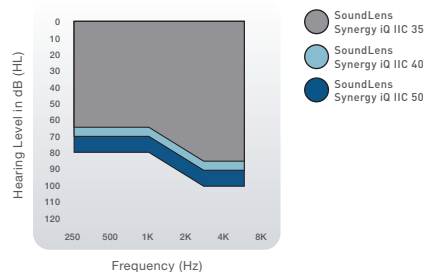
Estimated Battery Life for 16-Hour Day

10 Zinc Air (days)	4-7*	4-7*
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Tinnitus Therapy Stimulus

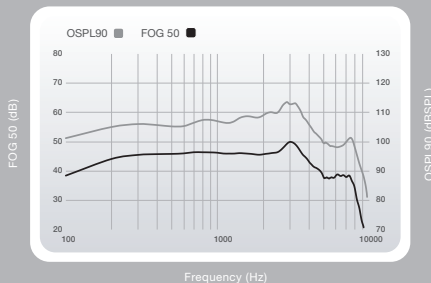
Max RMS Output (dB SPL)	87
Weighted RMS Output Level (dB SPL)	87
Max 1/3 Octave Output (dB SPL)	87

Fitting Range



▶ Matrices: 115/50

▶ Battery Size: 10



OSPL90 (gray) and Full-On Gain (black) curves for the SoundLens Synergy iQ IIC at a matrix of 115/50.



IIC

INVISIBLE-IN-THE-CANAL

SOUNDLENS SYNERGY iQ 2400 | 2000 | 1600

Patient Features

- Tinnitus Technology

Color Guide

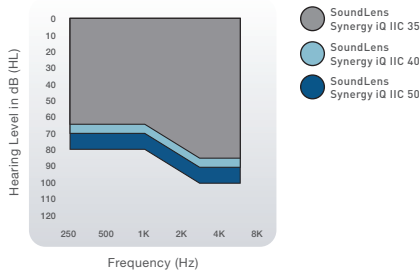
Standard Colors



Shell Colors

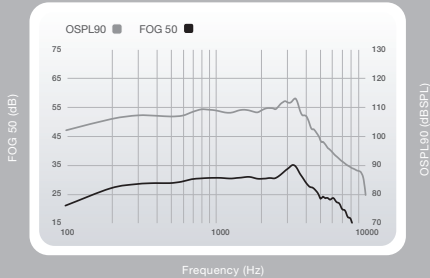


Fitting Range

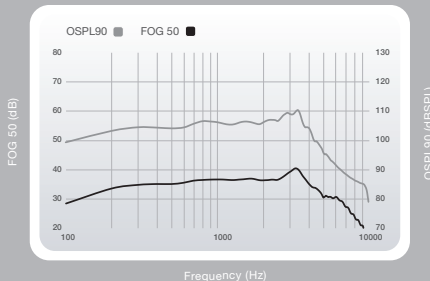


▶ Matrices: 110/35, 110//40

▶ Battery Size: 10



OSPL90 (gray) and Full-On Gain (black) curves for the SoundLens Synergy iQ IIC at a matrix of 110/35.



OSPL90 (gray) and Full-On Gain (black) curves for the SoundLens Synergy iQ IIC at a matrix of 110/40.

110/35

110/40

Measurement

	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	110	120	110	120
HFA OSPL90 (dB SPL)	106	N/A	106	N/A
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Harmonic Distortion				
500 Hz (%)	<3	<3	<3	<3
800 Hz (%)	<3	<3	<3	<3
1600 Hz (%)	<3	<3	<3	<3
ANSI/IEC Battery Current (mA)	1.1	1.1	1.1	1.1
Idle Current (mA)	1.0	1.0	1.0	1.0

Estimated Battery Life for 16-Hour Day

10 Zinc Air (days)	5-7	5-7	5-7	5-7
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Tinnitus Therapy Stimulus

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



- Patient Features
- Tinnitus Technology

SOUNDLENS SYNERGY iQ

2400 | 2000 | 1600

Color Guide

Standard Colors

Black

Dark Brown

Medium Brown

Light Brown

Pink

Black

Shell Colors

Black

115/50

Measurement

	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	115	118
HFA OSPL90 (dB SPL)	109	N/A
RTF OSPL90 (dB SPL)	N/A	110
Peak Gain (dB)	50	54
HFA Full-On Gain (dB)	46	N/A
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HFA Frequencies (kHz)	1.0,1.6,2.5	N/A
Reference Test Gain (dB)	32	35
Equivalent Input Noise (dB)	<25	<25

Harmonic Distortion

500 Hz (%)	<3	<3
800 Hz (%)	<3	<3
1600 Hz (%)	<3	<3
ANSI/IEC Battery Current (mA)	1.1	1.1
Idle Current (mA)	1.0	1.0

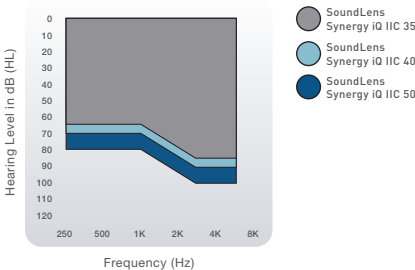
Estimated Battery Life
for 16-Hour Day

10 Zinc Air (days)	5-7	5-7
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Tinnitus Therapy Stimulus

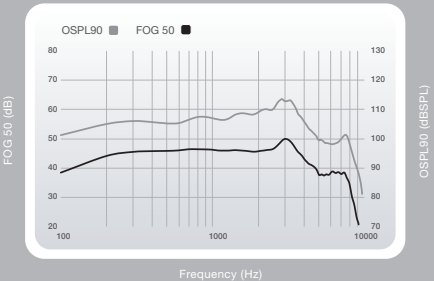
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Fitting Range



▶ Matrices: 115/50

▶ Battery Size: 10



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