



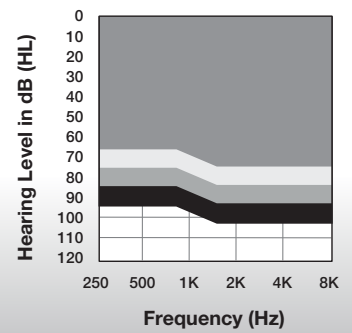
NuEar | Technical Data

CIC

Completely-In-Canal

Fitting Range

- CIC 40
- CIC 50
- CIC 60
- CIC 70



Savant AI 2400 | 2000 | 1600

Color Guide

Faceplate Colors



Shell Colors



Patient Features

- Tinnitus Technology

CIC Gain Data

Matrices: 110/40, 115/50, 120/60, 130/70
Battery Size: 312, 10

Measurement

ANSI/IEC
2cc Coupler

IEC OES
Coupler

Peak OSPL90 (dB SPL)	110-130	118-130
HFA OSPL90 (dB SPL)	106-124	N/A
RTF OSPL90 (dB SPL)	N/A	110-130
Peak Gain (dB)	40-70	51-71
HFA Full-On Gain (dB)	36-63	N/A
RTF Full-On Gain (dB)	N/A	44-68

Frequency Range (Hz)

<100-9400

<100-9700

Reference Test Freq. (kHz)	N/A	1.6
HFA Frequencies (kHz)	1.0, 1.6, 2.5	N/A
Reference Test Gain (dB)	29-47	35-55
Equivalent Input Noise (dB)	<25	<25

Harmonic Distortion

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

Induction Coil Sensitivity

HFA SPLITS (ANSI) (dB SPL)	N/A	N/A
MASL (IEC) (dB SPL)	N/A	N/A

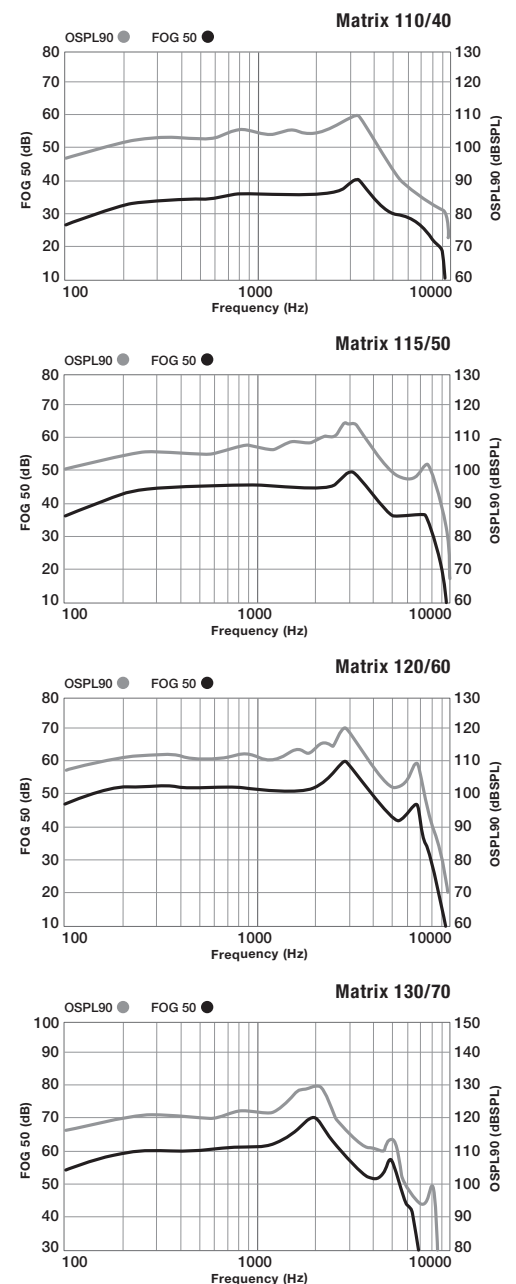
ANSI/IEC Battery Current (mA)	1.1-1.3	1.1-1.3
Idle Current (mA)	1.0-1.1	1.0-1.1

Estimated Battery Life for 16-Hour Day

312 Zinc Air (days)	7-10	7-10
10 Zinc Air (days)	4-7	4-7

Tinnitus Therapy Stimulus

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





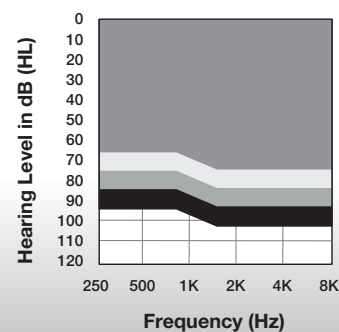
NuEar | Technical Data

CIC

Completely-In-Canal

Fitting Range

- CIC 40
- CIC 50
- CIC 60
- CIC 70



Savant AI 1200

Color Guide

Faceplate Colors



Shell Colors



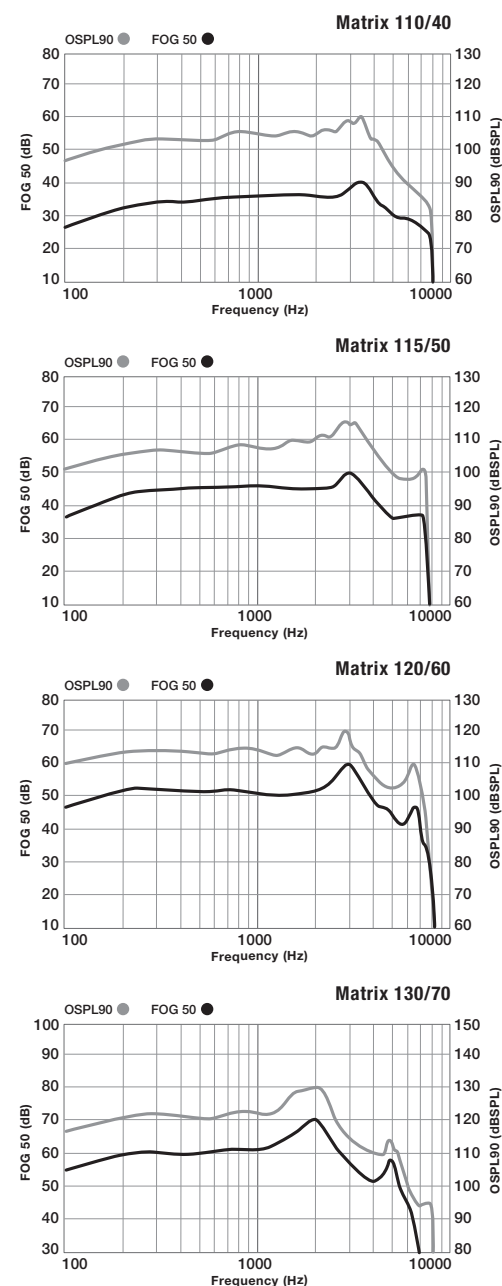
Patient Features

- Tinnitus Technology

CIC Gain Data

Measurement	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	110-130	120-137
HFA OSPL90 (dB SPL)	106-124	N/A
RTF OSPL90 (dB SPL)	N/A	110-130
Peak Gain (dB)	40-70	51-78
HFA Full-On Gain (dB)	36-63	N/A
RTF Full-On Gain (dB)	N/A	44-68
Frequency Range (Hz)	<100-7800	<100-8000
Reference Test Freq. (kHz)	N/A	1.6
HFA Frequencies (kHz)	1.0, 1.6, 2.5	N/A
Reference Test Gain (dB)	29-47	35-55
Equivalent Input Noise (dB)	<25	<25
Harmonic Distortion		
500 Hz (%)	<3	<3
800 Hz (%)	<3	<3
1600 Hz (%)	<3	<3
Induction Coil Sensitivity		
HFA SPLITS (ANSI) (dB SPL)	N/A	N/A
MASL (IEC) (dB SPL)	N/A	N/A
ANSI/IEC Battery Current (mA)	1.1-1.3	1.1-1.3
Idle Current (mA)	1.0-1.1	1.0-1.1
Estimated Battery Life for 16-Hour Day		
312 Zinc Air (days)	7-10	7-10
10 Zinc Air (days)	4-7	4-7
Tinnitus Therapy Stimulus		
Max RMS Output (dB SPL)	87	
Weighted RMS Output Level (dB SPL)	87	
Max 1/3 Octave Output (dB SPL)	87	

Matrices: 110/40, 115/50, 120/60, 130/70 Battery Size: 312, 10





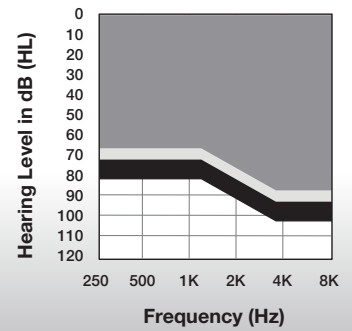
NuEar | Technical Data

IIC

Invisible-In-Canal

Fitting Range

- IIC 35
- IIC 40
- IIC 50



Savant AI 2400

Color Guide

Faceplate Colors



Shell Colors



Patient Features

- Tinnitus Technology

IIC Gain Data

Matrices: 110/35, 110/40, 115/50
Battery Size: 10

Measurement

ANSI/IEC
2cc Coupler

IEC OES
Coupler

Peak OSPL90 (dB SPL) 110-115 118-120

HFA OSPL90 (dB SPL) 106-109 N/A

RTF OSPL90 (dB SPL) N/A 110-114

Peak Gain (dB) 35-50 45-54

HFA Full-On Gain (dB) 30-46 N/A

RTF Full-On Gain (dB) N/A 39-46

Frequency Range (Hz) <100-9400 <100-9700

Reference Test Freq. (kHz) N/A 1.6

HFA Frequencies (kHz) 1.0, 1.6, 2.5 N/A

Reference Test Gain (dB) 29-32 32-37

Equivalent Input Noise (dB) <25 <25

Harmonic Distortion

500 Hz (%) <3 <3

800 Hz (%) <3 <3

1600 Hz (%) <3 <3

Induction Coil Sensitivity

HFA SPLITS (ANSI) (dB SPL) N/A N/A

MASL (IEC) (dB SPL) N/A N/A

ANSI/IEC
Battery Current (mA) 1.1-1.2 1.1-1.2

Idle Current (ma) 1.0 1.0

Estimated Battery Life for 16-Hour Day

10 Zinc Air (days) 4-7 4-7

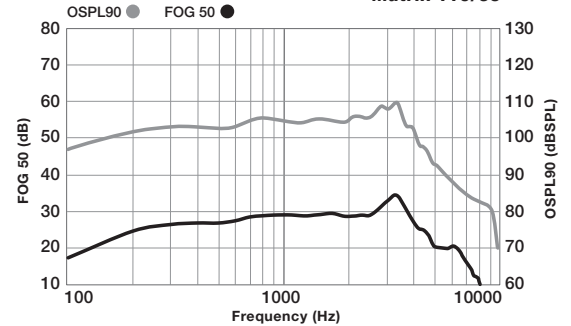
Tinnitus Therapy Stimulus

Max RMS Output
(dB SPL) 87

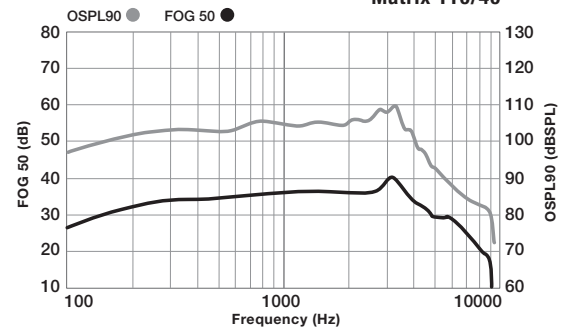
Weighted RMS Output Level
(dB SPL) 87

Max 1/3 Octave Output
(dB SPL) 87

Matrix 110/35



Matrix 110/40



Matrix 115/50

