

Sina 16 G4

WITH BATTERY SIZE 10



PRODUCT FEATURES

Semi-modular CIC

BASIC FEATURES

Battery compartment as on/off switch

Push button (integrated in battery compartment lid), can be programmed as a program button, program button with on/off function, volume control and Tinnitus noiser level up/down (only with option Wireless)

Level-dependent signal tones/melodies (activate/deactivate) for low battery voltage, program change, volume control, on/off function

Audiomatic power-on delay (P) (activate/deactivate)

Wax guard HF 3 Black or HF 4 Black

Microphone filter Microsafe

Removal line

OPTIONS



Audiostreamer Smart Connect

Remote control Smart Remote

Remote control Smart Key

Smart Connect App

Smart Remote App

PROGRAMMING CABLES

Programming cable, right Art.-No. 105 40 984

Programming cable, left Art.-No. 105 40 985

TECHNICAL FEATURES

40 signal processing channels / 20 frequency channels

20 AGC channels / 20 MPO channels

6 hearing programs

› MusicSelect (Live music, musicians, sound carriers)

› EchoClear / Dereverberation

Data Logging

Wireless optional

› AudioLink

› Binaural synchronization

› Wireless audio streaming

SIGNAL PROCESSING

Anti-Feedback system

Noise Manager

› Adaptive noise reduction

› Wiener filter

› Impulse suppressor

› Auto-situation adaption

AudioTronic 1 Mic (Prerequisite AudioLink)

› Automatic

› Adaptive

Frequency and dynamics concept

› TRC S

› Selective frequency compression

› HiFi functionality

› Sound Upgrade (in wireless audio streaming mode)

› Volume setting dependent on environment (only in wireless audio streaming mode)

Programmable Tinnitus function

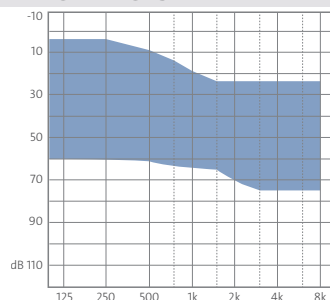
AUTOMATIC FUNCTIONS

Comfort365

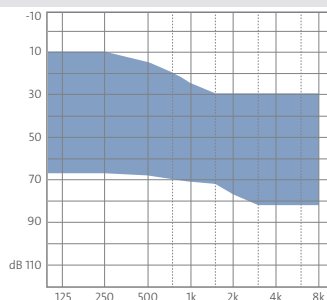
Intelligent Acclimatic

Comformatic

FITTING RANGES



Fitting range 40 dB



Fitting range 50 dB

P = Patent

For more information about features please check out our website www.audioservice.com

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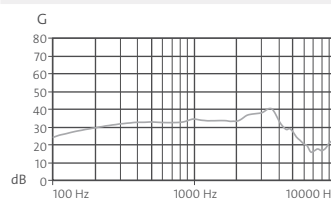
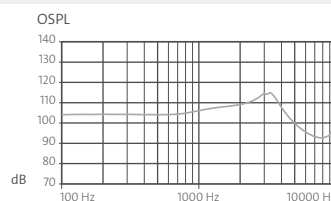
Gain 40 dB



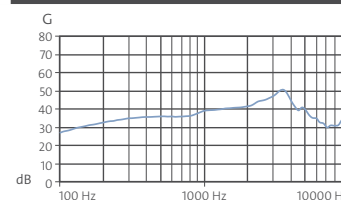
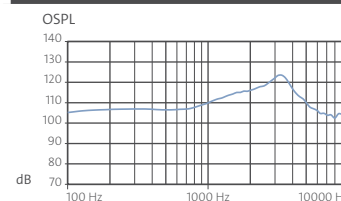
MAXIMUM OUTPUT

Input: 90 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	115 dB	124 dB
1,600 Hz (RTF)	108 dB	116 dB
HFA (High Frequency Average)	109 dB	111 dB

FULL ON GAIN

Peak value at 50 dB	40 dB	51 dB
1,600 Hz (RTF)	33 dB	41 dB
HFA (High Frequency Average)	35 dB	39 dB
Reference test gain	32 dB	34 dB

TECHNICAL FEATURES

Battery type	10	10
Battery life in hours	90	90
Frequency range	100 – 10,000 Hz	100 – 10,000 Hz
Battery current consumption	0.70 mA	0.70 mA
Equivalent noise level	27 dB	24 dB
Tinnitus noiser broadband	79 dB	
Distortion		
500 Hz	1%	1%
800 Hz	1%	2%
1,600 Hz	1%	1%

¹⁾ Technical data measured in accordance with IEC 60118-7:2005 and ANSI S3.22-2009 at 2 ccm coupler

²⁾ Technical data measured in accordance with IEC 60118-0 at ear simulator



WARNING

Small parts present a choking hazard.
This device is not suitable for fitting to babies, small children or mentally disabled persons.

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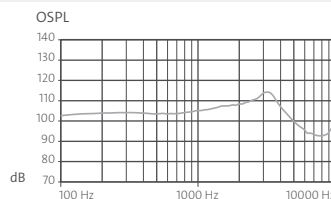
Gain 50 dB



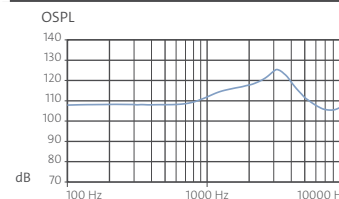
MAXIMUM OUTPUT

Input: 90 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾

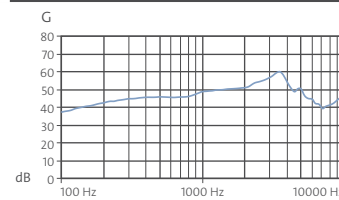
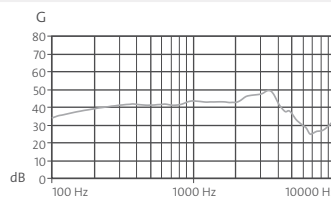


IEC 60118-0²⁾



MAXIMUM GAIN

Input: 50 dB



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	115 dB	125 dB
1,600 Hz (RTF)	108 dB	116 dB
HFA (High Frequency Average)	108 dB	112 dB

FULL ON GAIN

Peak value at 50 dB	50 dB	60 dB
1,600 Hz (RTF)	43 dB	50 dB
HFA (High Frequency Average)	45 dB	48 dB
Reference test gain	31 dB	43 dB

TECHNICAL FEATURES

Battery type	10	10
Battery life in hours	79	79
Frequency range	100 – 10,000 Hz	100 – 10,000 Hz
Battery current consumption	0.80 mA	0.80 mA
Equivalent noise level	27 dB	24 dB
Tinnitus noiser broadband	70 dB	
Distortion		
500 Hz	1%	1%
800 Hz	1%	2%
1,600 Hz	1%	1%

¹⁾ Technical data measured in accordance with IEC 60118-7:2005 and ANSI S3.22-2009 at 2 ccm coupler

²⁾ Technical data measured in accordance with IEC 60118-0 at ear simulator



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For control ranges and more programming features see Hearing Instrument Simulation of Connexx 8.2 and AudioFit 8.2 or higher.

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