

# Sina 16 G3

## 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 (only for binaural systems)

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

Smart Connect App

Smart Remote App

### PROGRAMMING CABLE

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

Data Logging

Wireless optional

› AudioLink

› Binaural synchronization

› Wireless audio input

### SIGNAL PROCESSING

Anti-Feedback system G3

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 input mode)

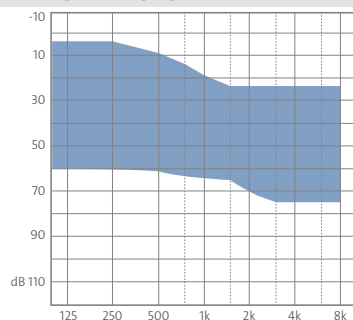
› Volume setting dependent on environment  
(only in wireless audio input mode)

### AUTOMATIC FUNCTIONS

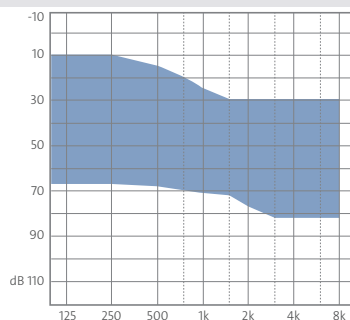
Intelligent Acclimatic

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](http://www.audioservice.com)

# Sina 16 G3

Gain 40 dB

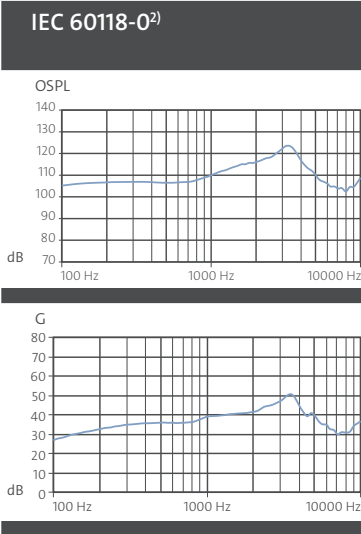
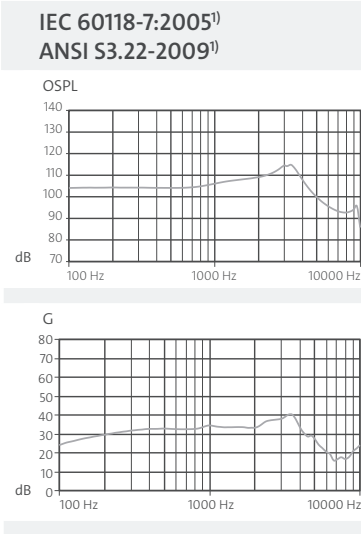


## MAXIMUM OUTPUT

Input: 90 dB

## MAXIMUM GAIN

Input: 50 dB



## 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
Distortion		
500 Hz	1%	1%
800 Hz	1%	2%
1,600 Hz	1%	1%

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

<sup>2)</sup> 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.

For control ranges and more programming features see Hearing Instrument Simulation of Connexx 7.5 and AudioFit 7.5 or higher.

# Sina 16 G3

Gain 50 dB



 **Audio Service**

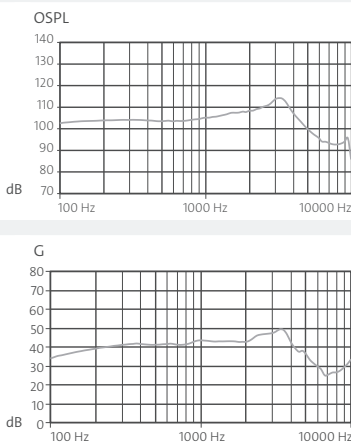
## MAXIMUM OUTPUT

Input: 90 dB

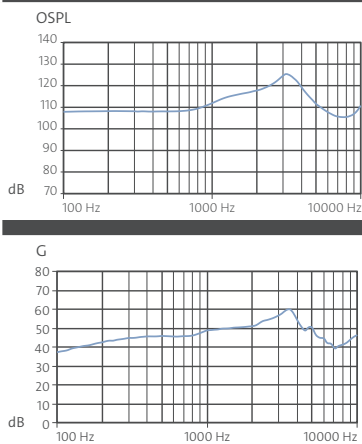
## MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005<sup>1)</sup>  
ANSI S3.22-2009<sup>1)</sup>



IEC 60118-0<sup>2)</sup>



## 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
Distortion		
500 Hz	1%	1%
800 Hz	1%	2%
1,600 Hz	1%	1%

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

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