

# 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

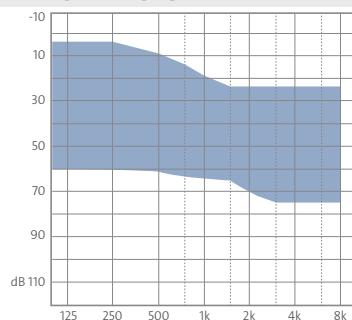
- > TRC S
- > Selective frequency compression
- > HiFi functionality
- > Sound Upgrade (in wireless audio input mode)
- > Volume setting dependent on environment (only in wireless audio input mode)

### AUTOMATIC FUNCTIONS

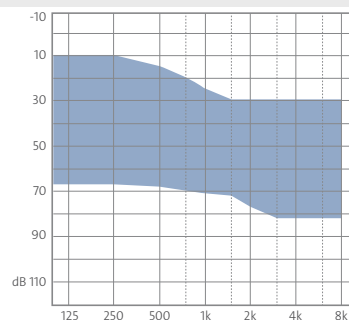
Intelligent Acclimatic

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



**Audio Service**

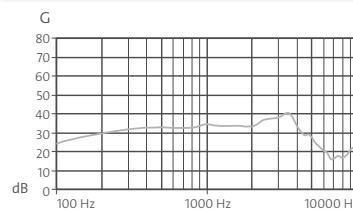
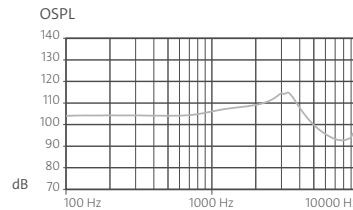
## MAXIMUM OUTPUT

Input: 90 dB

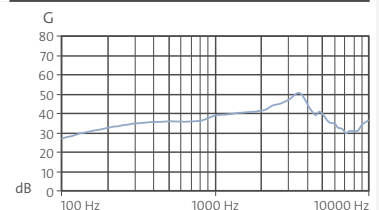
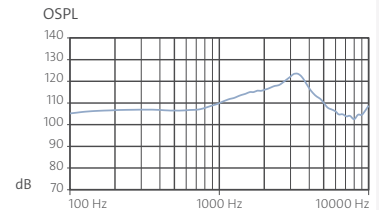
## MAXIMUM GAIN

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 | 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



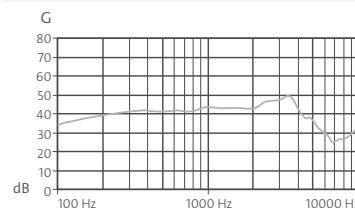
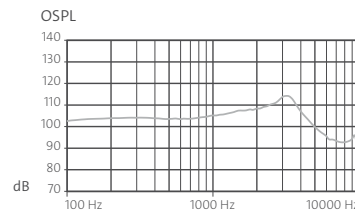
## MAXIMUM OUTPUT

Input: 90 dB

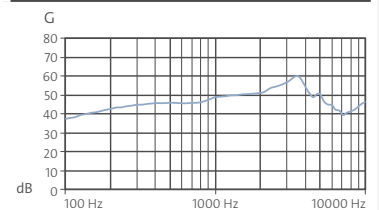
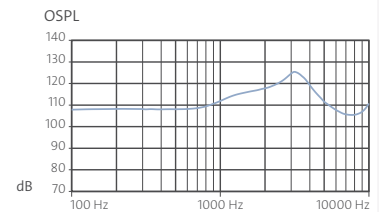
## MAXIMUM GAIN

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

<sup>2)</sup> Technical data measured in accordance with IEC 60118-0 at ear simulator



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