

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

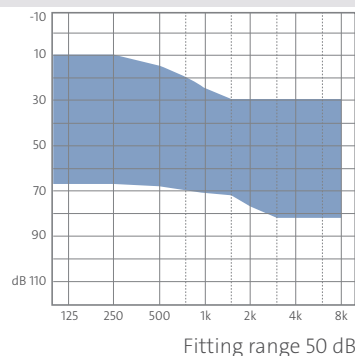
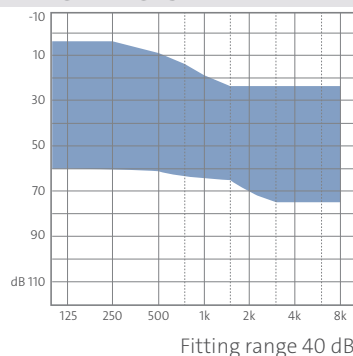
SIGNAL PROCESSING

- 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



P = Patent

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

Sina 16 G4

Gain 40 dB



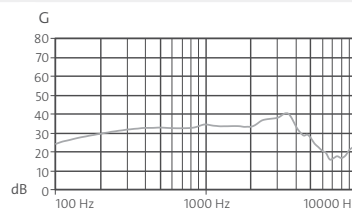
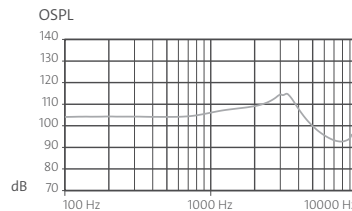
MAXIMUM OUTPUT

Input: 90 dB

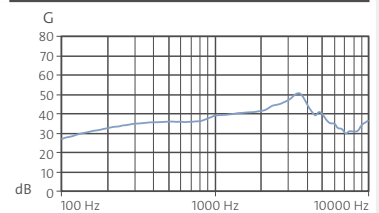
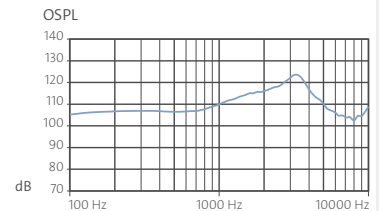
MAXIMUM GAIN

Input: 50 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.

Sina 16 G4

Gain 50 dB



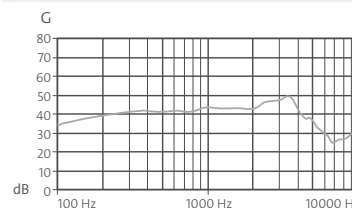
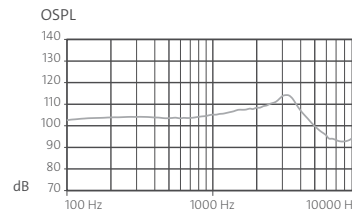
MAXIMUM OUTPUT

Input: 90 dB

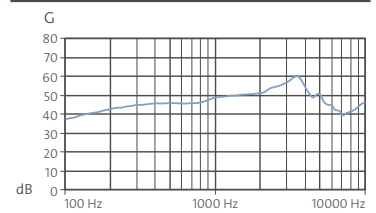
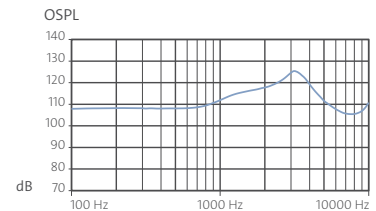
MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



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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10.2016 / Subject to change without prior notice. Color deviation possible due to printing process.

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

AS AUDIO-SERVICE GmbH · Alter Postweg 190 · 32584 Löhne · Germany
info@audioservice.com · www.audioservice.com