Sina 12 G4

WITH BATTERY SIZE 10

Audio Service

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, 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

- 32 signal processing channels / 16 frequency channels
- 16 AGC channels / 16 MPO channels
- 6 hearing programs
  - › MusicSelect
- Data Logging
- Wireless optional
  - › AudioLink
  - › Binaural synchronization
  - › Wireless audio streaming

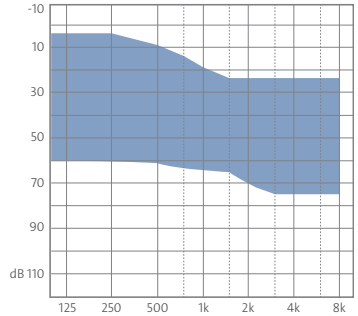
SIGNAL PROCESSING

- Anti-Feedback system
- Noise Manager
  - › Adaptive noise reduction
  - › Wiener filter
  - › Impulse suppressor
  - › Auto-situation adaption
- Frequency and dynamics concept
  - › TRC S
  - › Selective frequency compression
  - › HiFi functionality
  - › Sound Upgrade (in wireless audio streaming mode)
- Programmable Tinnitus function

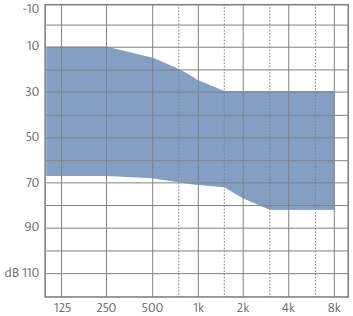
AUTOMATIC FUNCTIONS

- 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

Sina 12 G4

Gain 40 dB

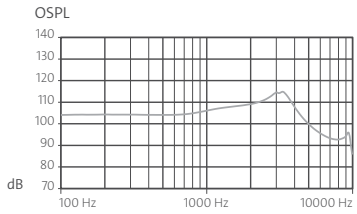
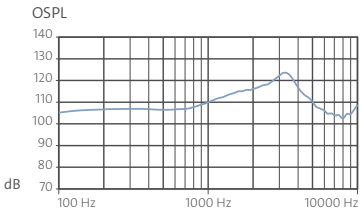
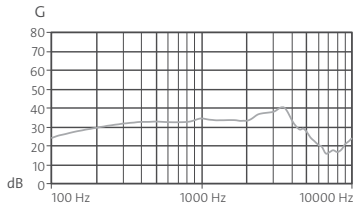
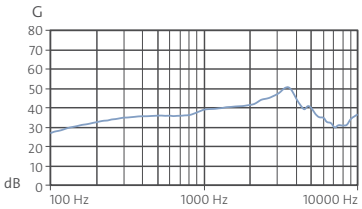
Audio Service

MAXIMUM OUTPUT

Input: 90 dB

MAXIMUM GAIN

Input: 50 dB

	IEC 60118-7:2005[1] ANSI S3.22-2009[1]	IEC 60118-0[2]
MAXIMUM OUTPUT		
MAXIMUM GAIN		

TECHNICAL INFORMATION

		IEC 60118-7:2005[1] ANSI S3.22-2009[1]	IEC 60118-0[2]
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		78 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 12 G4

Gain 50 dB

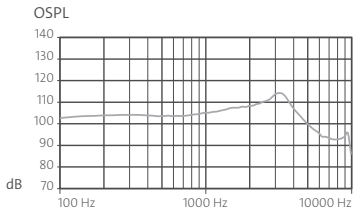
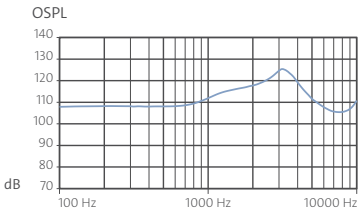
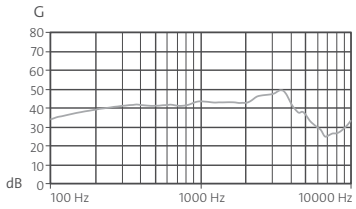
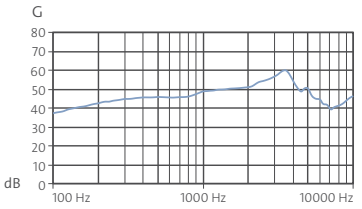
Audio Service

MAXIMUM OUTPUT

Input: 90 dB

MAXIMUM GAIN

Input: 50 dB

	IEC 60118-7:2005[1] ANSI S3.22-2009[1]	IEC 60118-0[2]
MAXIMUM OUTPUT		
MAXIMUM GAIN		

TECHNICAL INFORMATION

		IEC 60118-7:2005[1] ANSI S3.22-2009[1]	IEC 60118-0[2]
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

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 8.2 and AudioFit 8.2 or higher.

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