Sina HYPE 12 G3

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 (only for binaural systems)
- Level-dependent signal tones/melodies (activate/deactivate) for low battery voltage, program change, 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

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

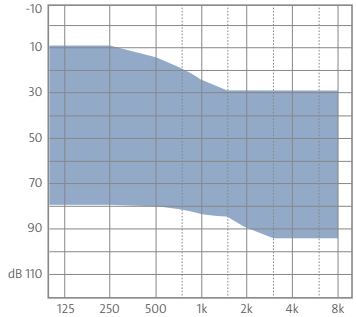
SIGNAL PROCESSING

- Anti-Feedback system G3
- Noise Manager
  - › Adaptive noise reduction
  - › Wiener filter
  - › Impulse suppressor
  - › Auto-situation adaption
- Frequency and dynamics concept
  - › TRC S
  - › Selective frequency compression
  - › HiFi functionality
  - › Sound Upgrade (in wireless audio input mode)

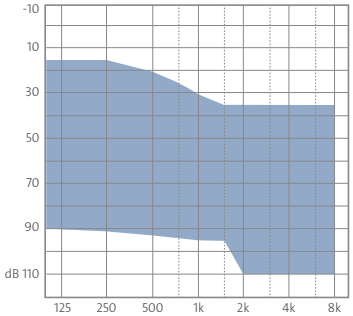
AUTOMATIC FUNCTIONS

- Intelligent Acclimatic
- Comformatic

FITTING RANGES



Fitting range 55 dB



Fitting range 65 dB

P = Patent

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

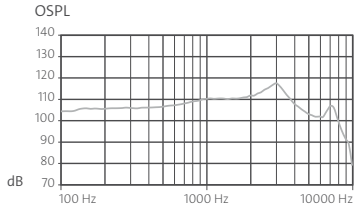
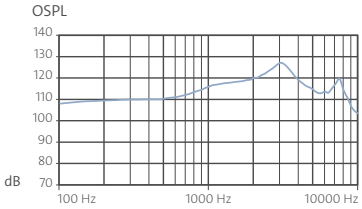
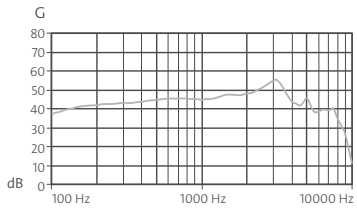
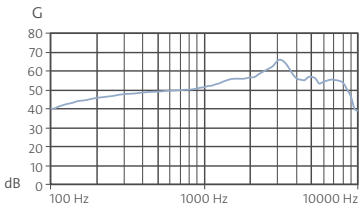
Sina HYPE 12 G3

Gain 55 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		118 dB	128 dB
1,600 Hz (RTF)		110 dB	118 dB
HFA (High Frequency Average)		112 dB	115 dB
FULL ON GAIN			
Peak value at 50 dB		55 dB	66 dB
1,600 Hz (RTF)		47 dB	56 dB
HFA (High Frequency Average)		48 dB	53 dB
Reference test gain		35 dB	49 dB
TECHNICAL FEATURES			
Battery type		10	10
Battery life in hours		79	79
Frequency range		100 – 9,000 Hz	130 – 10,000 Hz
Battery current consumption		0.80 mA	0.80 mA
Equivalent noise level		19 dB	22 dB
Distortion	500 Hz	1%	2%
	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 7.5 and AudioFit 7.5 or higher.

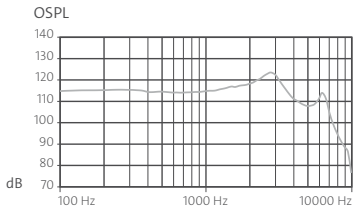
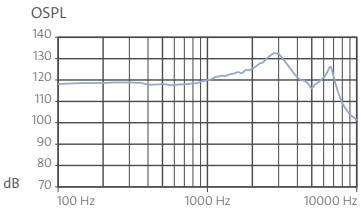
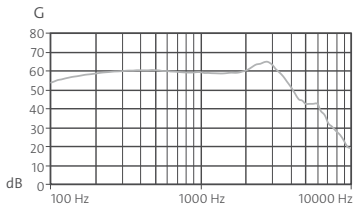
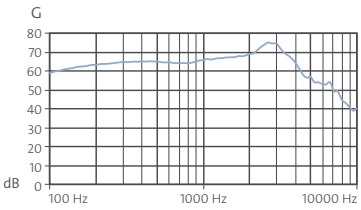
Sina HYPE 12 G3

Gain 65 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

MAXIMUM OUTPUT			
Peak value at 90 dB		124 dB	134 dB
1,600 Hz (RTF)		117 dB	124 dB
HFA (High Frequency Average)		118 dB	122 dB
FULL ON GAIN			
Peak value at 50 dB		65 dB	75 dB
1,600 Hz (RTF)		60 dB	67 dB
HFA (High Frequency Average)		61 dB	67 dB
Reference test gain		41 dB	60 dB
TECHNICAL FEATURES			
Battery type		10	10
Battery life in hours		63	63
Frequency range		100 – 6,300 Hz	100 – 7,900 Hz
Battery current consumption		1.00 mA	1.00 mA
Equivalent noise level		17 dB	15 dB
Distortion	500 Hz	2%	3%
	800 Hz	2%	3%
	1,600 Hz	1%	2%

[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.

⚠ WARNING The maximum output levels of the hearing systems can reach or exceed 132 dB SPL.
Risk of injury to the hearing of the wearer. Ensure that the hearing systems are fitted with care.

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

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