

# Sina HYPE 8 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

24 signal processing channels / 12 frequency channels

12 AGC channels / 12 MPO channels

5 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

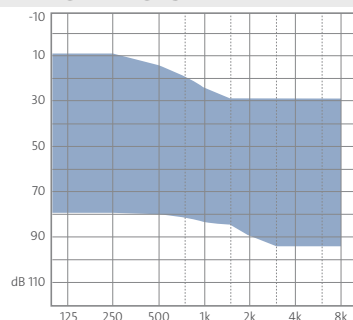
› Selective frequency compression

## AUTOMATIC FUNCTIONS

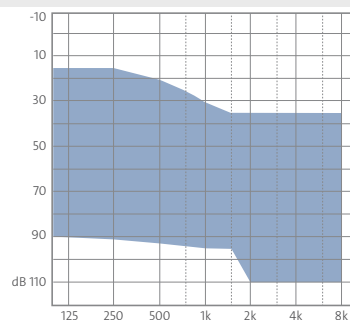
Acclimatic

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

# Sina HYPE 8 G3

Gain 55 dB



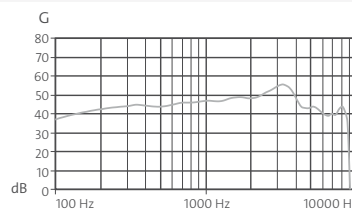
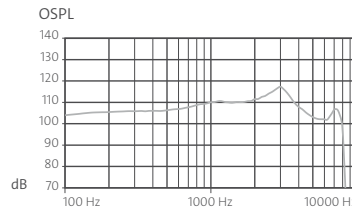
## MAXIMUM OUTPUT

Input: 90 dB

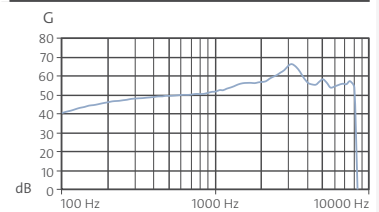
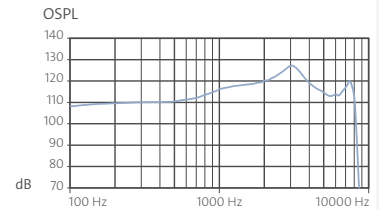
## MAXIMUM GAIN

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          | 118 dB | 127 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)               | 48 dB | 56 dB |
| HFA (High Frequency Average) | 48 dB | 52 dB |
| Reference test gain          | 35 dB | 49 dB |

### TECHNICAL FEATURES

|                             |                |                |
|-----------------------------|----------------|----------------|
| Battery type                | 10             | 10             |
| Battery life in hours       | 79             | 79             |
| Frequency range             | 100 – 8,500 Hz | 100 – 8,250 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%             |

<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 Connex 7.5 and AudioFit 7.5 or higher.

# Sina HYPE 8 G3

Gain 65 dB



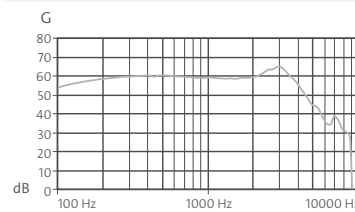
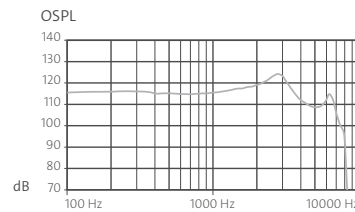
## MAXIMUM OUTPUT

Input: 90 dB

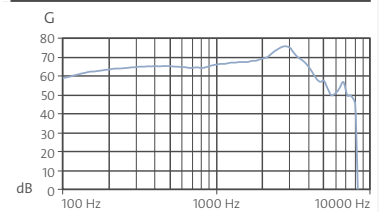
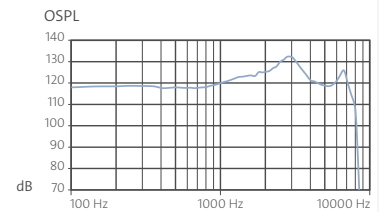
## MAXIMUM GAIN

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          | 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 | 76 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%             |

<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.

**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 Connex 7.5 and AudioFit 7.5 or higher.