

Sina HYPE 16 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

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)

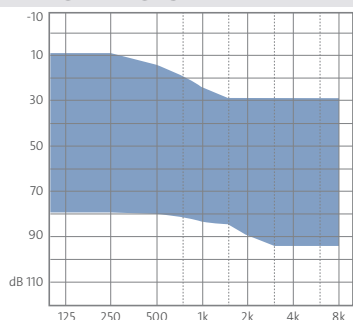
› Volume setting dependent on environment (only in wireless audio input mode)

AUTOMATIC FUNCTIONS

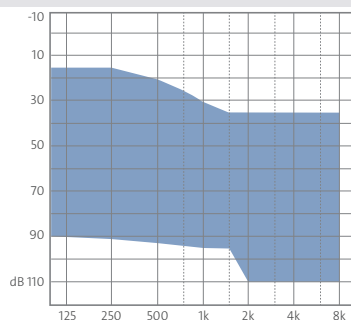
Intelligent Acclimatic

Comformatic

FITTING RANGES



Fitting range 55 dB



Fitting range 65 dB

P = Patent

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

Sina HYPE 16 G3

Gain 55 dB



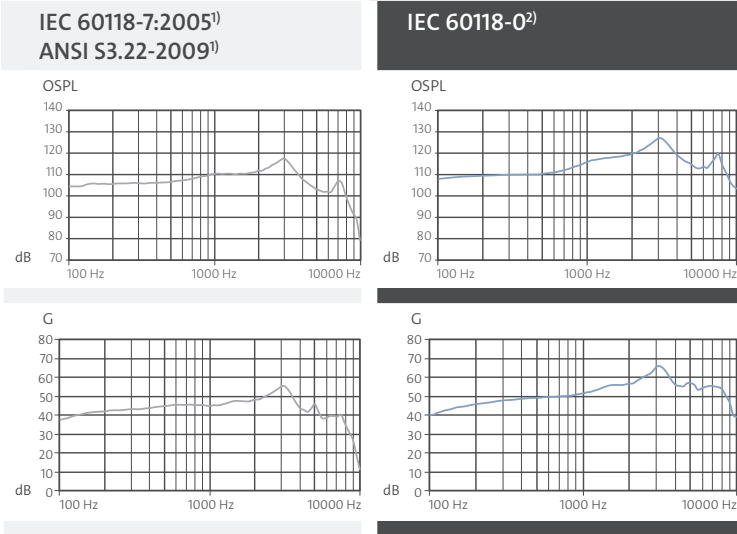
 Audio Service

MAXIMUM OUTPUT

Input: 90 dB

MAXIMUM GAIN

Input: 50 dB



TECHNICAL INFORMATION

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 16 G3

Gain 65 dB



 **Audio Service**

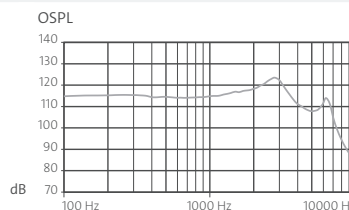
MAXIMUM OUTPUT

Input: 90 dB

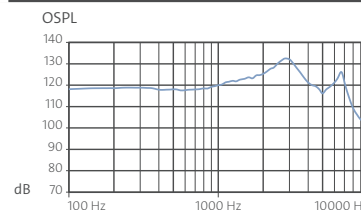
MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	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%

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²⁾ Technical data measured in accordance with IEC 60118-0 at ear simulator



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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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Removal line

Microphone filter Microsafe

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Smart Remote App

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➤ Impulse suppressor

➤ Auto-situation adaption

Frequency and dynamics concept

➤ TRC S

➤ Selective frequency compression

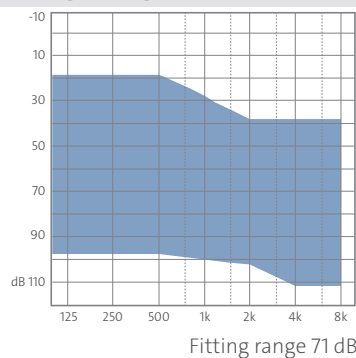
➤ HiFi functionality

AUTOMATIC FUNCTIONS

Intelligent Acclimatic

Comformatic

FITTING RANGE



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Gain 71 dB



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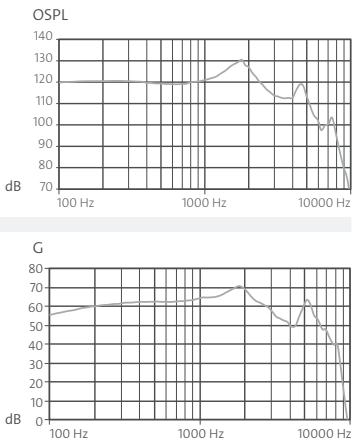
MAXIMUM OUTPUT

Input: 90 dB

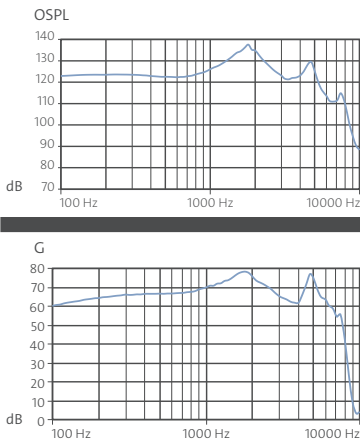
MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	131 dB	138 dB
1,600 Hz (RTF)	129 dB	135 dB
HFA (High Frequency Average)	123 dB	128 dB

FULL ON GAIN

Peak value at 50 dB	71 dB	79 dB
1,600 Hz (RTF)	70 dB	77 dB
HFA (High Frequency Average)	66 dB	71 dB
Reference test gain	46 dB	70 dB

TECHNICAL FEATURES

Battery type	10	10
Battery life in hours	63	63
Frequency range	100 – 6,000 Hz	100 – 5,500 Hz
Battery current consumption	1.00 mA	1.00 mA
Equivalent noise level	17 dB	20 dB
Distortion		
500 Hz	1%	2%
800 Hz	1%	1%
1,600 Hz	1%	1%

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