

# CUSTOM HEARING SYSTEMS

## Sina HYPE G4

**Tech Level 6 | 4 | 3**



Semi-modular CIC custom hearing system (or small auditory canal custom hearing system)



Various vent types available



Wax guard HF Black















Microphone filter Microsafe

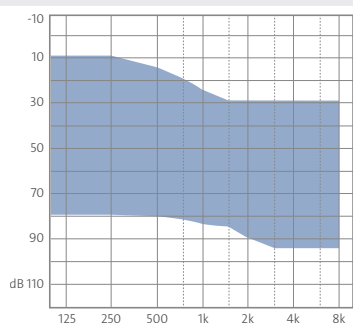
**BATTERY: 10**

**AMPLIFICATION: 55 | 65 | 71 dB**

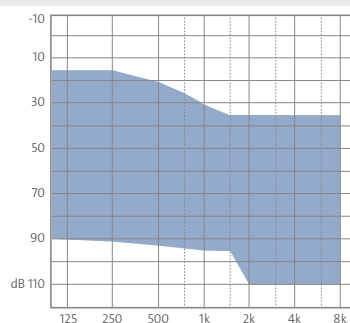
### HOUSING COLORS

	STANDARD	OPTION
FACEPLATE	 Skin  Beauty	 Brown
HOUSING	 Skin	 Caramel  Red  Orange  Citrus  Emerald  Blue  Purple  Transparent

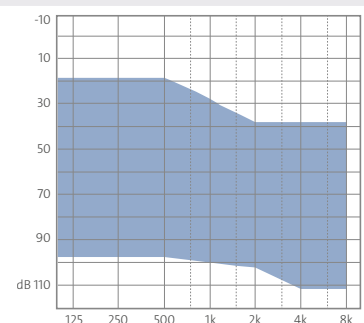
### FITTING RANGES



Fitting range 55 dB



Fitting range 65 dB



Fitting range 71 dB

# Sina HYPE G4

All Audio Service custom hearing systems are equipped with the following as standard: Battery compartment as ON/OFF switch | Removal cord | HF Black wax guard

BASIC FEATURES					TECHNICAL FEATURES				
	Tech Level	6	4	3		Tech Level	6	4	3
Programmable push button		●	●	●	Signal processing channels		16	16	12
Programmable rocker switch		—	—	—	Frequency channels		8	8	6
Level-dependent signal tones/melodies (can be activated/deactivated)		●	●	●	AGC channels		8	8	6
Audiomatic power-on delay (can be activated/deactivated)		●	●	●	MPO channels		8	8	6
Microsafe microphone filter		●	●	●	Hearing programs		4	4	4
Battery retaining magnet and changing tool		—	—	—	<ul style="list-style-type: none"> <li>&gt; MusicSelect</li> <li>&gt; 2earPhone (Wireless and AutoPhone options required)</li> <li>&gt; EchoClear/dereverberation</li> </ul>		—	—	—
<b>SIGNAL PROCESSING</b>					Data Logging		●	●	●
Anti-Feedback system		●	●	●	Wireless optional		—	—	—
Noise Manager		—	—	—	<ul style="list-style-type: none"> <li>&gt; AudioLink</li> <li>&gt; Binaural synchronization</li> <li>&gt; Wireless audio streaming</li> </ul>		—	—	—
<ul style="list-style-type: none"> <li>&gt; Adaptive noise reduction</li> <li>&gt; Wiener filter</li> <li>&gt; Adaptive binaural wind noise reduction with Wireless option</li> <li>&gt; Adaptive wind noise reduction</li> <li>&gt; Impulse suppressor</li> <li>&gt; Auto-situation adaption</li> <li>&gt; Selectronic</li> </ul>		●	● (On/off)	● (On/off)		●*	●*	—	
<ul style="list-style-type: none"> <li>&gt; AudioTronic multi-microphone system</li> <li>&gt; Directional static</li> <li>&gt; Automatic</li> <li>&gt; Adaptive</li> <li>&gt; AudioFocus 360 (AudioLink required)</li> <li>&gt; Speech 360</li> <li>&gt; AudioSpot (AudioLink required)</li> </ul>		—	—	—		○*	○*	—	
<ul style="list-style-type: none"> <li>&gt; Frequency and dynamics concept</li> <li>&gt; TRC S</li> <li>&gt; Selective frequency compression</li> <li>&gt; HiFi functionality</li> <li>&gt; Sound Upgrade (in Wireless Streaming mode)</li> <li>&gt; Gain setting dependent on environment (only in Wireless Audio Streaming mode)</li> </ul>		—	—	—		—	—	—	
<ul style="list-style-type: none"> <li>&gt; Programmable tinnitus function</li> </ul>		●	—	—		—	—	—	
<b>AUTOMATIC FUNCTIONS</b>					<ul style="list-style-type: none"> <li>&gt; ConnexxAir (Wireless option required)</li> <li>&gt; ConnexxLink (Wireless option required)</li> <li>&gt; Programming adapter Flex-Connect</li> <li>&gt; Programming cable, right + left</li> <li>&gt; Adapter for HiPro and NOAHlink cables</li> </ul>		—	—	—
Comfort365		●	●	—	<ul style="list-style-type: none"> <li>&gt; Smart Connect app</li> <li>&gt; with AudioDirSelect</li> <li>&gt; Smart Remote app</li> <li>&gt; with AudioDirSelect</li> </ul>		—	—	—
Intelligent Acclimatic		—	—	—			○*	○*	—
Acclimatic		●	●	—			○	○	○
Comformatic		—	—	—			—	—	—

\* = not at 71 dB

● = Standard equipment ○ = optional — = not available

More information on the individual features is available at [www.audioservice.com](http://www.audioservice.com)

# Sina HYPE G4

## Amplification 55 dB

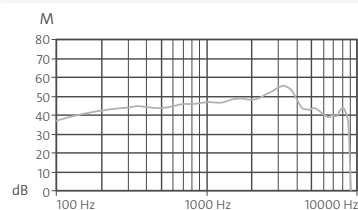
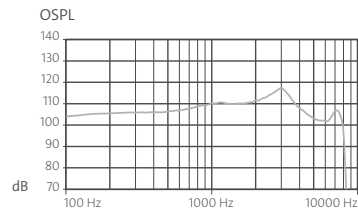
### MAXIMUM POWER OUTPUT

LE = 90 dB

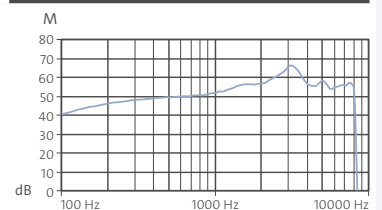
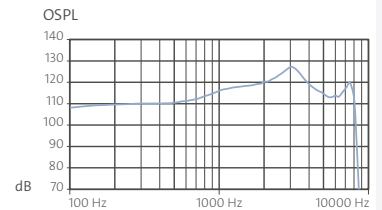
### MAXIMUM AMPLIFICATION

Amplification at LE = 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 POWER OUTPUT

Peak value at 90 dB	118 dB	127 dB
1,600 Hz (RTF)	110 dB	118 dB
Mean value at high frequencies	112 dB	115 dB

#### MAXIMUM ACOUSTIC AMPLIFICATION

Peak value at 50 dB	55 dB	66 dB
1,600 Hz (RTF)	48 dB	56 dB
Mean value at high frequencies	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 consumption	0.80 mA	0.80 mA
Equivalent input sound pressure level of the inherent noise	19 dB	22 dB
Tinnitus Noiser, broadband	80 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.

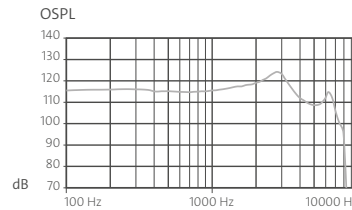
# Sina HYPE G4

## Amplification 65 dB

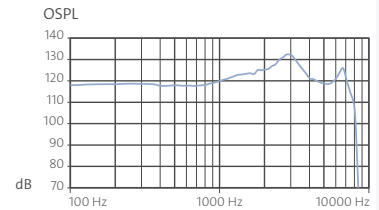
### MAXIMUM POWER OUTPUT

LE = 90 dB

IEC 60118-7:2005<sup>1)</sup>  
ANSI S3.22-2009<sup>1)</sup>

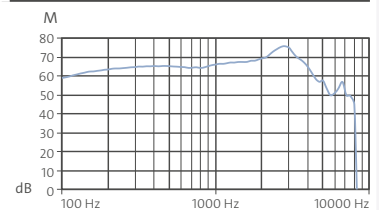
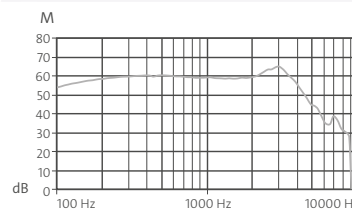


IEC 60118-0<sup>2)</sup>



### MAXIMUM AMPLIFICATION

Amplification at LE = 50 dB



### TECHNICAL INFORMATION

#### MAXIMUM POWER OUTPUT

Peak value at 90 dB	124 dB	134 dB
1,600 Hz (RTF)	117 dB	124 dB
Mean value at high frequencies	118 dB	122 dB

#### MAXIMUM ACOUSTIC AMPLIFICATION

Peak value at 50 dB	65 dB	76 dB
1,600 Hz (RTF)	60 dB	65 dB
Mean value at high frequencies	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 consumption	1.00 mA	1.00 mA
Equivalent input sound pressure level of the inherent noise	17 dB	15 dB
Tinnitus Noiser, broadband	80 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**

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**WARNING**

The maximum output sound pressure level of the hearing systems can reach or exceed 132 dB SPL.  
Risk of damage to the hearing of the wearer. Ensure that the hearing systems are fitted with care.

# Sina HYPE G4

## Amplification 71 dB

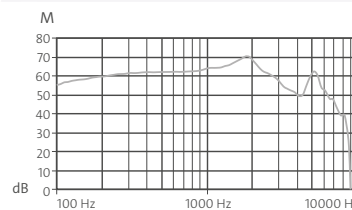
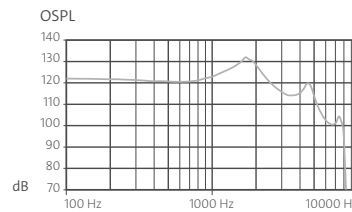
### MAXIMUM POWER OUTPUT

LE = 90 dB

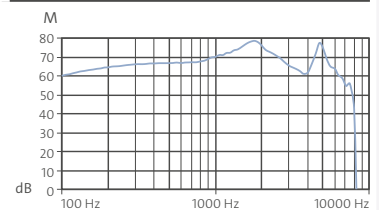
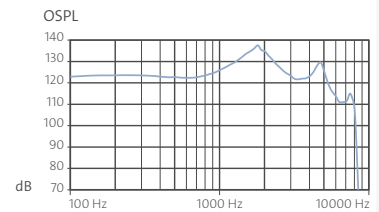
### MAXIMUM AMPLIFICATION

Amplification at LE = 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 POWER OUTPUT

Peak value at 90 dB	131 dB	138 dB
1,600 Hz (RTF)	129 dB	135 dB
Mean value at high frequencies	124 dB	128 dB

#### MAXIMUM ACOUSTIC AMPLIFICATION

Peak value at 50 dB	71 dB	79 dB
1,600 Hz (RTF)	69 dB	74 dB
Mean value at high frequencies	65 dB	71 dB
Reference test gain	47 dB	70 dB

#### TECHNICAL FEATURES

Battery type	10	10
Battery life in hours	63	63
Frequency range	100 – 6,000 Hz	125 – 5,500 Hz
Battery consumption	1.00 mA	1.00 mA
Equivalent input sound pressure level of the inherent noise	17 dB	20 dB
Tinnitus Noiser, broadband	88 dB	
Distortion		
500 Hz	1%	2%
800 Hz	1%	1%
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.  
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**⚠ WARNING** The maximum output sound pressure level of the hearing systems can reach or exceed 132 dB SPL.  
Risk of damage to the hearing of the wearer. Ensure that the hearing systems are fitted with care.

For control ranges and more programming features see Hearing System Simulation of Connexx 8.4, AudioFit 8.4.5 or higher.