

CUSTOM HEARING SYSTEMS

Vega HYPE G4

Tech Level 6 | 4 | 3



Semi-modular auditory canal custom hearing system
Very small design due to the battery standing vertically on the tragus



Various vent types available



Wax guard
HF Black













Microphone filter
Microsafe

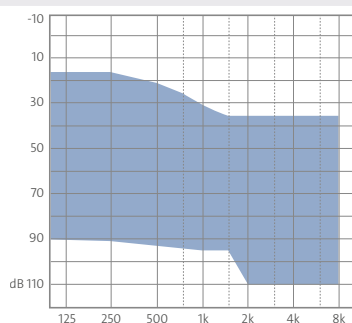
BATTERY: 312

AMPLIFICATION: 65 | 71 dB

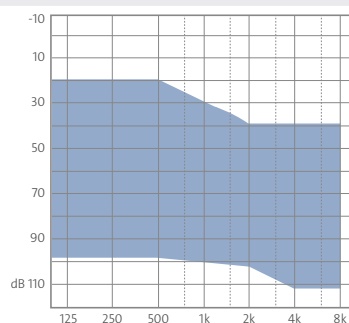
HOUSING COLORS

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

FITTING RANGES








Fitting range 65 dB



Fitting range 71 dB

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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		●	●	●	> MusicSelect		—	—	—
SIGNAL PROCESSING					> 2earPhone (Wireless and AutoPhone options required)		—	—	—
Anti-Feedback system		●	●	●	> EchoClear/dereverberation		—	—	—
Noise Manager					Data Logging		●	●	●
> Adaptive noise reduction		●	● (On/off)	● (On/off)	Wireless optional				
> Wiener filter		●	● (On/off)	● (On/off)	> AudioLink		—	—	—
> Adaptive binaural wind noise reduction binaurally with Wireless option		—	—	—	> Binaural synchronization		●*	●*	—
> Adaptive wind noise reduction		—	—	—	> Wireless audio streaming		○*	○*	—
> Impulse suppressor		●	—	—	ACCESSORIES OPTIONS				
> Auto-situation adaption		—	—	—	Audio streamer Smart Connect		○*	○*	—
> Selectronic		—	—	—	Smart Remote remote control		○*	○*	—
AudioTronic multi-microphone system					Remote control Smart Key		○	○	○
> Directional static		—	—	—	AutoPhone set		—	—	—
> Automatic		—	—	—	APPS				
> Adaptive		—	—	—	Smart Connect app		○*	○*	—
> AudioFocus 360 (AudioLink required)		—	—	—	> with AudioDirSelect		—	—	—
> Speech 360		—	—	—	Smart Remote app		○	○	○
> AudioSpot (AudioLink required)		—	—	—	> with AudioDirSelect		—	—	—
Frequency and dynamics concept					PROGRAMMING				
> TRC S		●	●	●	ConnexxAir (Wireless option required)		●*	●*	—
> Selective frequency compression		●	●	—	ConnexxLink (Wireless option required)		●*	●*	—
> HiFi functionality		—	—	—	Programming adapter Flex-Connect		—	—	—
> Sound Upgrade (in Wireless Streaming mode)		—	—	—	Programming cable, right + left		●	●	●
> Gain setting dependent on environment (only in Wireless Audio Streaming mode)		—	—	—	Adapter for HiPro and NOAHlink cables		—	—	—
AUTOMATIC FUNCTIONS									
Comfort365		●	●	—					
Intelligent Acclimatic		—	—	—					
Acclimatic		●	●	—					
Comformatic		—	—	—					

* = not at 71 dB
 ● = Standard equipment ○ = optional — = not available

Vega HYPE G4

Amplification 65 dB

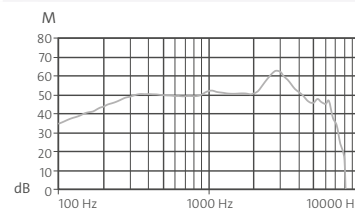
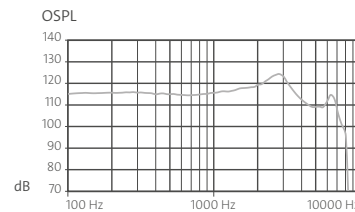
MAXIMUM POWER OUTPUT

LE = 90 dB

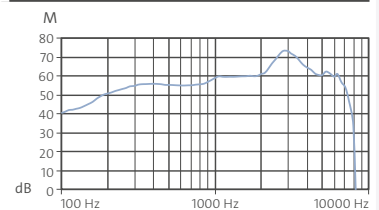
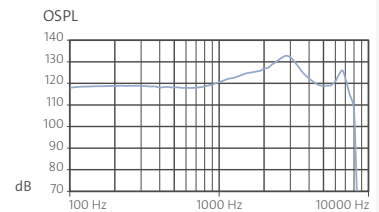
MAXIMUM AMPLIFICATION

Amplification at LE = 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM POWER OUTPUT

Peak value at 90 dB	124 dB	134 dB
1,600 Hz (RTF)	118 dB	125 dB
Mean value at high frequencies	119 dB	122 dB

MAXIMUM ACOUSTIC AMPLIFICATION

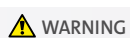
Peak value at 50 dB	65 dB	75 dB
1,600 Hz (RTF)	53 dB	60 dB
Mean value at high frequencies	56 dB	58 dB
Reference test gain	42 dB	53 dB

TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	112	112
Frequency range	100 – 7,100 Hz	150 – 7,500 Hz
Battery consumption	1.00 mA	1.00 mA
Equivalent input sound pressure level of the inherent noise	19 dB	21 dB
Tinnitus Noiser, broadband	80 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.



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.

Vega HYPE G4

Amplification 71 dB

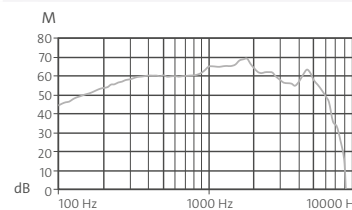
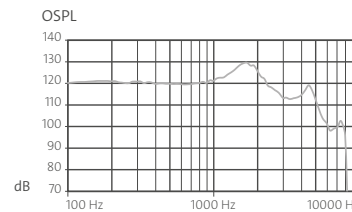
MAXIMUM POWER OUTPUT

LE = 90 dB

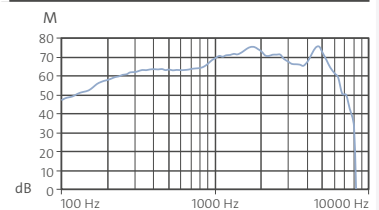
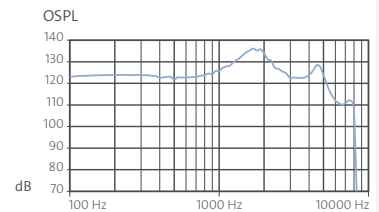
MAXIMUM AMPLIFICATION

Amplification at LE = 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM POWER OUTPUT

Peak value at 90 dB	131 dB	138 dB
1,600 Hz (RTF)	129 dB	136 dB
Mean value at high frequencies	123 dB	127 dB

MAXIMUM ACOUSTIC AMPLIFICATION

Peak value at 50 dB	71 dB	77 dB
1,600 Hz (RTF)	69 dB	74 dB
Mean value at high frequencies	65 dB	69 dB
Reference test gain	47 dB	68 dB

TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	102	102
Frequency range	100 – 6,700 Hz	200 – 6,300 Hz
Battery consumption	1.10 mA	1.10 mA
Equivalent input sound pressure level of the inherent noise	18 dB	19 dB
Tinnitus Noiser, broadband	89 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



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