

# IN-THE-EAR HEARING SYSTEMS

## Vega 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

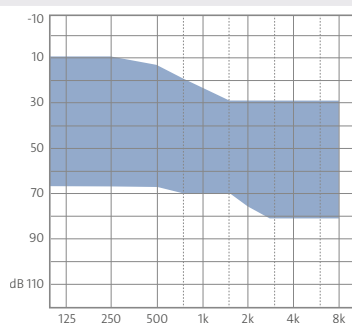
**BATTERY: 312**

**AMPLIFICATION: 50 | 55 dB**

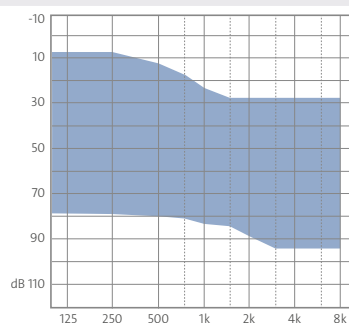
### HOUSING COLORS

	STANDARD	OPTION
FACEPLATE	<div style="display: flex; gap: 10px;"> <div style="width: 15px; height: 10px; background-color: #c8a28d; border: 1px solid #ccc;"></div> Skin                     <div style="width: 15px; height: 10px; background-color: #8b4513; border: 1px solid #ccc;"></div> Beauty                 </div>	
HOUSING	<div style="width: 15px; height: 10px; background-color: #c8a28d; border: 1px solid #ccc;"></div> Skin	<div style="display: flex; gap: 10px;"> <div style="width: 15px; height: 10px; background-color: #d62728; border: 1px solid #ccc;"></div> Red                     <div style="width: 15px; height: 10px; background-color: #ff7f0e; border: 1px solid #ccc;"></div> Orange                     <div style="width: 15px; height: 10px; background-color: #ffbb78; border: 1px solid #ccc;"></div> Citrus                     <div style="width: 15px; height: 10px; background-color: #2ca02c; border: 1px solid #ccc;"></div> Emerald                     <div style="width: 15px; height: 10px; background-color: #1f77b4; border: 1px solid #ccc;"></div> Blue                     <div style="width: 15px; height: 10px; background-color: #9467bd; border: 1px solid #ccc;"></div> Purple                     <div style="width: 15px; height: 10px; background-color: #cccccc; border: 1px solid #ccc;"></div> Transparent                 </div>

### FITTING RANGES



Fitting range 50 dB



Fitting range 55 dB

# Vega G4

All Audio Service custom hearing systems are equipped with: Battery compartment as ON/OFF switch | removal line | wax guard HF Black

## BASIC FEATURES

	Tech Level	6	4	3
Programmable push button		●	●	●
Programmable rocker switch		—	—	—
Level-dependent signal tones/melodies (can be activated/deactivated)		●	●	●
Audiomatic power-on delay (can be activated/deactivated)		●	●	●
Microphone filter Microsafe		●	●	●
Battery retaining magnet and changing tool		●	●	●

## SIGNAL PROCESSING

Anti-Feedback system		●	●	●
Noise Manager				
> Adaptive noise reduction		●	● (on/off)	● (on/off)
> Wiener filter		●	● (on/off)	● (on/off)
> Aaptive binaural wind noise reduction with Wireless option		—	—	—
> Adaptive wind noise reduction		—	—	—
> Impulse suppressor		●	—	—
> Auto-situation adaption		—	—	—
> Selectronic		—	—	—
AudioTronic multi-microphone system				
> Directional static		—	—	—
> Automatic		—	—	—
> Adaptive		—	—	—
> AudioFocus 360 (AudioLink required)		—	—	—
> Speech 360		—	—	—
> AudioSpot (AudioLink required)		—	—	—
Frequency and dynamics concept				
> TRC S		●	●	●
> Selective frequency compression		●	●	—
> HiFi functionality		—	—	—
> Sound Upgrade (in Wireless Streaming mode)		—	—	—
> Gain setting dependent on environment (only in Wireless Audio Streaming mode)		—	—	—
Programmable tinnitus function		●	—	—




## AUTOMATIC FUNCTIONS

Comfort365		●	●	—
Intelligent Acclimatic		—	—	—
Acclimatic		●	●	—
Comformatic		—	—	—


## TECHNICAL FEATURES

	Tech Level	6	4	3
Signal processing channels		16	16	12
Frequency channels		8	8	6
AGC channels		8	8	6
MPO channels		8	8	6
Hearing programs		4	4	4
> MusicSelect		—	—	—
> 2earPhone (Wireless and AutoPhone functions required)		—	—	—
> EchoClear/dereverberation		—	—	—
Data Logging		●	●	●
Wireless optional				
> AudioLink		—	—	—
> Binaural synchronization		●	●	—
> Wireless audio streaming		○	○	—

## ACCESSORIES | OPTIONS

Audio streamer Smart Connect		○	○	—
Smart Remote remote control		○	○	—
Remote control Smart Key		○	○	○
AutoPhone set		—	—	—

## APPS

Smart Connect app		○	○	—
> with AudioDirSelect		—	—	—
Smart Remote app		○	○	○
> with AudioDirSelect		—	—	—

## PROGRAMMING

ConnexxAir (Wireless option required)		●	●	—
ConnexxLink (Wireless option required)		●	●	—
Programming adapter Flex-Connect		—	—	—
Programming cable, right + left		—	—	—
Adapter for HiPro and NOAHlink cable		●	●	●

● = Standard equipment    ○ = optional    — = not available

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

# Vega G4

## Amplification 50 dB

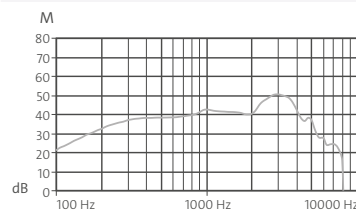
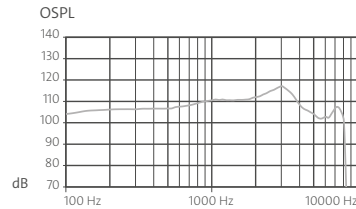
### MAXIMUM POWER OUTPUT

LE = 90 dB

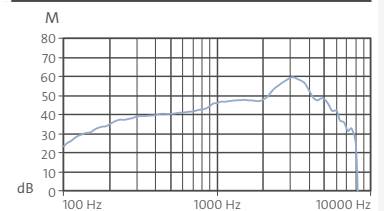
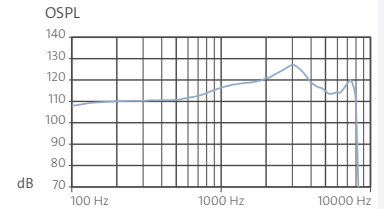
### MAXIMUM AMPLIFICATION

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	128 dB
1,600 Hz (RTF)	111 dB	118 dB
Mean value at high frequencies	112 dB	115 dB

#### MAXIMUM ACOUSTIC AMPLIFICATION

Peak value at 50 dB	50 dB	59 dB
1,600 Hz (RTF)	40 dB	47 dB
Mean value at high frequencies	43 dB	45 dB
Reference test gain	35 dB	40 dB

#### TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	140	140
Frequency range	100 – 8,000 Hz	150 – 8,250 Hz
Battery consumption	0.80 mA	0.80 mA
Equivalent input sound pressure level of the inherent noise	20 dB	19 dB
Tinnitus Noiser, broadband	70 dB	
Distortion		
500 Hz	2%	3%
800 Hz	1%	2%
1,600 Hz	2%	3%

<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.

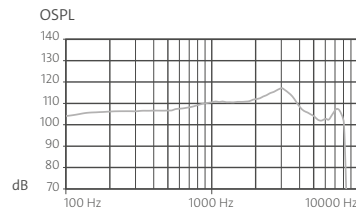
# Vega G4

## Amplification 55 dB

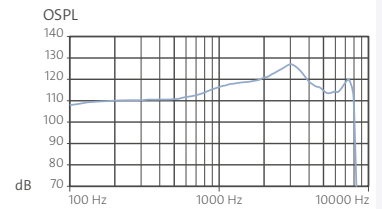
### MAXIMUM POWER OUTPUT

LE = 90 dB

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

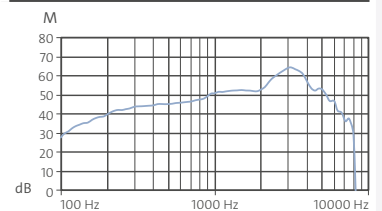
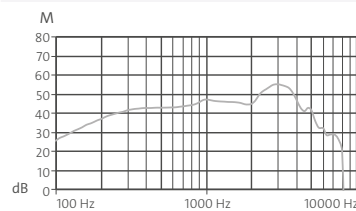


IEC 60118-0<sup>2)</sup>



### MAXIMUM AMPLIFICATION

Amplification at LE = 50 dB



### TECHNICAL INFORMATION

#### MAXIMUM POWER OUTPUT

Peak value at 90 dB	118 dB	128 dB
1,600 Hz (RTF)	111 dB	118 dB
Mean value at high frequencies	112 dB	115 dB

#### MAXIMUM ACOUSTIC AMPLIFICATION

Peak value at 50 dB	55 dB	65 dB
1,600 Hz (RTF)	46 dB	52 dB
Mean value at high frequencies	43 dB	45 dB
Reference test gain	42 dB	45 dB

#### TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	124	124
Frequency range	100 – 8,000 Hz	150 – 8,250 Hz
Battery consumption	0.90 mA	0.90 mA
Equivalent input sound pressure level of the inherent noise	20 dB	19 dB
Tinnitus Noiser, broadband	75 dB	
Distortion		
500 Hz	2%	3%
800 Hz	1%	2%
1,600 Hz	2%	3%

<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



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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.