

# Vega 6 G3

## WITH BATTERY SIZE 312



### PRODUCT FEATURES

Semi-modular Mini-ITC  
Extremely small construction possible because of the vertically standing battery

### 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, volume control, on/off function  
Audiomatic power-on delay (P) (activate/deactivate)  
Wax guard HF 3 Black or HF 4 Black  
Microphone filter Microsafe  
Magnetic battery mounting and changing tool  
Removal line

### OPTIONS



Audiostreamer Smart Connect  
Remote control Smart Remote  
Smart Connect App  
Smart Remote App

### PROGRAMMING CABLES AND ADAPTER

Cable for HiPro interface, right	Art.-No. 029 44 986
Cable for HiPro interface, left	Art.-No. 029 44 994
Cable for Noah-Link interface, right	Art.-No. 106 02 843
Cable for Noah-Link interface, left	Art.-No. 106 02 842
Adapter for HiPro and Noah-Link cable	Art. No. 072 02 901

### TECHNICAL FEATURES

16 signal processing channels / 8 frequency channels  
8 AGC channels / 8 MPO channels  
4 hearing programs  
Data Logging  
Wireless optional

- Binaural synchronization
- Wireless audio streaming

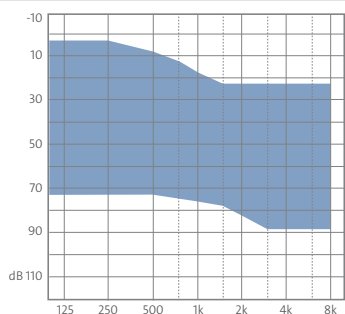
### SIGNAL PROCESSING

Anti-Feedback system G3  
Noise Manager  
➤ Adaptive noise reduction  
➤ Wiener filter  
➤ Impulse suppressor  
Frequency and dynamics concept  
➤ TRC S  
➤ Selective frequency compression

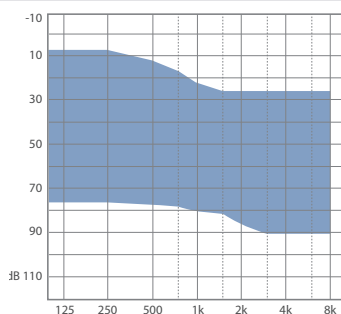
### AUTOMATIC FUNCTIONS

Acclimatic

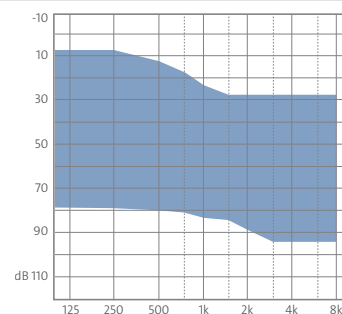
### FITTING RANGES



Fitting range 45 dB



Fitting range 50 dB



Fitting range 55 dB

P = Patent

For more information about features please check out our website [www.audioservice.com](http://www.audioservice.com)

# Vega 6 G3

Gain 45 dB



 **Audio Service**

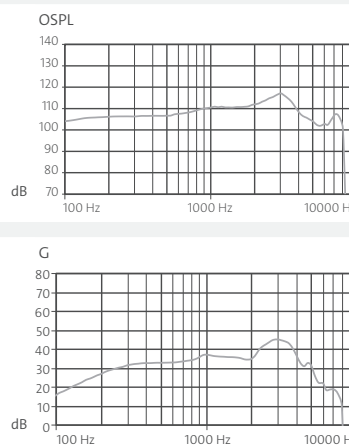
## MAXIMUM OUTPUT

Input: 90 dB

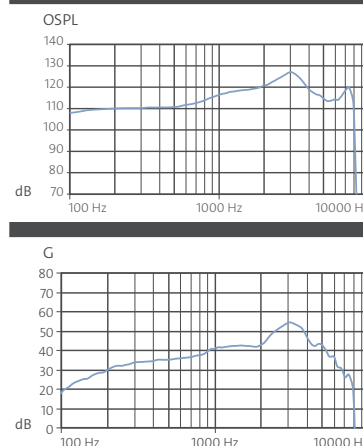
## MAXIMUM GAIN

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	128 dB
1,600 Hz (RTF)	111 dB	118 dB
HFA (High Frequency Average)	112 dB	115 dB

### FULL ON GAIN

Peak value at 50 dB	45 dB	55 dB
1,600 Hz (RTF)	36 dB	42 dB
HFA (High Frequency Average)	43 dB	45 dB
Reference test gain	38 dB	35 dB

### TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	140	140
Frequency range	100 – 8,000 Hz	150 – 8,250 Hz
Battery current consumption	0.80 mA	0.80 mA
Equivalent noise level	20 dB	19 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.

For control ranges and more programming features see Hearing Instrument Simulation of Connexx 8.1 and AudioFit 8.1 or higher.

# Vega 6 G3

Gain 50 dB



 **Audio Service**

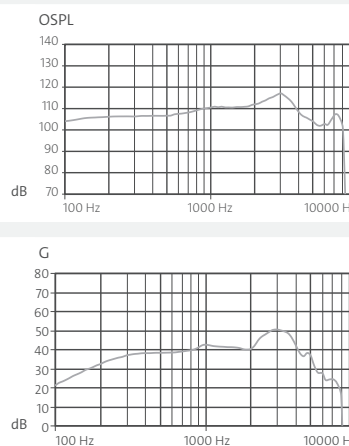
## MAXIMUM OUTPUT

Input: 90 dB

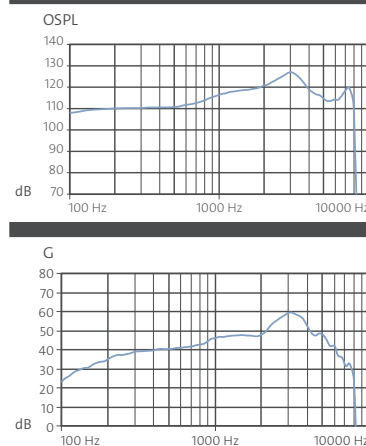
## MAXIMUM GAIN

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	128 dB
1,600 Hz (RTF)	111 dB	118 dB
HFA (High Frequency Average)	112 dB	115 dB

### FULL ON GAIN

Peak value at 50 dB	50 dB	59 dB
1,600 Hz (RTF)	40 dB	47 dB
HFA (High Frequency Average)	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 current consumption	0.80 mA	0.80 mA
Equivalent noise level	20 dB	19 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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# Vega 6 G3

Gain 55 dB



**Audio Service**

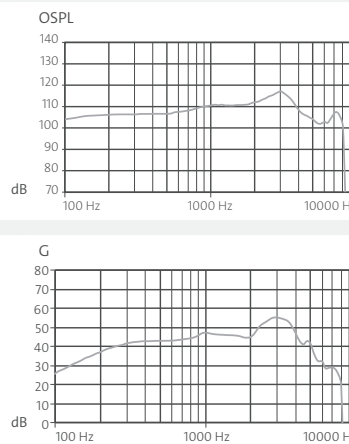
## MAXIMUM OUTPUT

Input: 90 dB

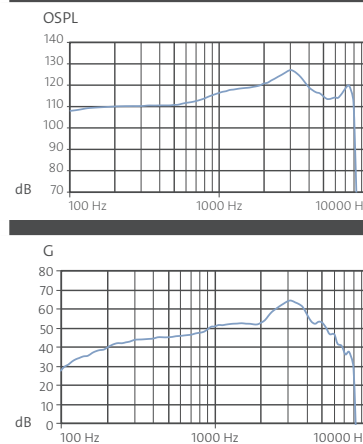
## MAXIMUM GAIN

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	128 dB
1,600 Hz (RTF)	111 dB	118 dB
HFA (High Frequency Average)	112 dB	115 dB

### FULL ON GAIN

Peak value at 50 dB	55 dB	65 dB
1,600 Hz (RTF)	46 dB	52 dB
HFA (High Frequency Average)	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 current consumption	0.90 mA	0.90 mA
Equivalent noise level	20 dB	19 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.

For control ranges and more programming features see Hearing Instrument Simulation of Connexx 8.1 and AudioFit 8.1 or higher.