

# Vega 16 G4

## 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, Tinnitus noiser level up/down (only with option Wireless)  
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  
Remote control Smart Key  
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

40 signal processing channels / 20 frequency channels  
20 AGC channels / 20 MPO channels  
6 hearing programs  

- > MusicSelect (Live music, musicians, sound carriers)
- > EchoClear / Dereverberation

 Data Logging  
Wireless optional  

- > AudioLink
- > Binaural synchronization
- > Wireless audio streaming

### SIGNAL PROCESSING

Anti-Feedback system  
Noise Manager  

- > Adaptive noise reduction
- > Wiener filter
- > Impulse suppressor
- > Auto-situation adaption

 AudioTronic 1 Mic (Prerequisite AudioLink)  

- > Automatic
- > Adaptive

 Frequency and dynamics concept  

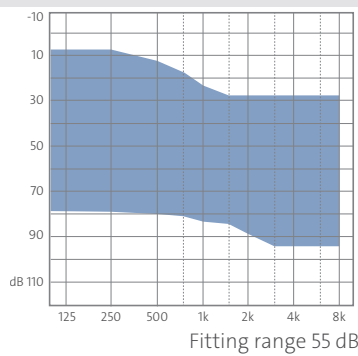
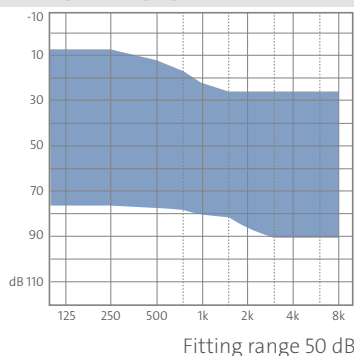
- > TRC S
- > Selective frequency compression
- > HiFi functionality
- > Sound Upgrade (in wireless audio streaming mode)
- > Volume setting dependent on environment (only in wireless audio streaming mode)

 Programmable Tinnitus function

### AUTOMATIC FUNCTIONS

Comfort365  
Intelligent Acclimatic  
Comformatic

### FITTING RANGES



P = Patent

# Vega 16 G4

Gain 50 dB



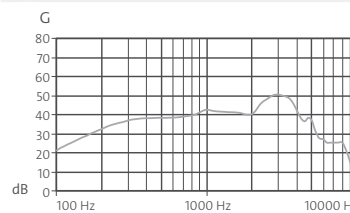
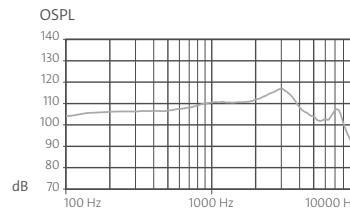
## MAXIMUM OUTPUT

Input: 90 dB

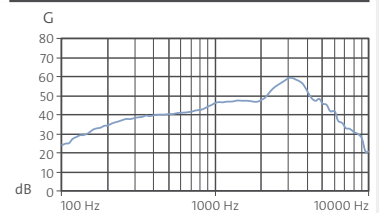
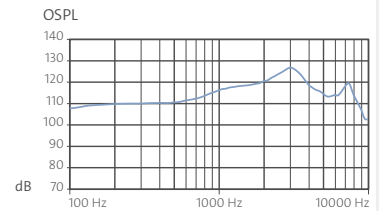
## MAXIMUM GAIN

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	60 dB
1,600 Hz (RTF)	40 dB	48 dB
HFA (High Frequency Average)	43 dB	45 dB
Reference test gain	35 dB	41 dB

### TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	140	140
Frequency range	100 – 9,000 Hz	150 – 10,000 Hz
Battery current consumption	0.80 mA	0.80 mA
Equivalent noise level	20 dB	19 dB
Tinnitus noiser broadband	70 dB	
Distortion		
500 Hz	1%	1%
800 Hz	1%	2%
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**

Small parts present a choking hazard.

This device is not suitable for fitting to babies, small children or mentally disabled persons.

# Vega 16 G4

Gain 55 dB



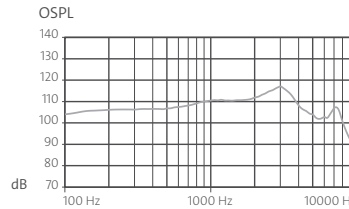
## MAXIMUM OUTPUT

Input: 90 dB

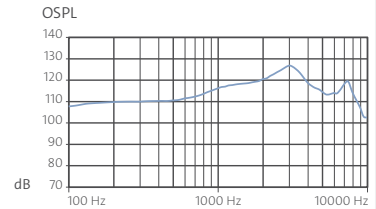
## MAXIMUM GAIN

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)	48 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 – 9,000 Hz	150 – 10,000 Hz
Battery current consumption	0.90 mA	0.90 mA
Equivalent noise level	20 dB	19 dB
Tinnitus noiser broadband	75 dB	
Distortion		
500 Hz	1%	1%
800 Hz	1%	2%
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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10.2016 / Subject to change without prior notice. Color deviation possible due to printing process.

For control ranges and more programming features see Hearing Instrument Simulation of Connexx 8.2 and AudioFit 8.2 or higher.

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