

# Vega HYPE 12 G3

WITH BATTERY SIZE 312



 **Audio Service**

## PRODUCT FEATURES

Semi-modular 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 CABLE 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

32 signal processing channels / 16 frequency channels  
16 AGC channels / 16 MPO channels  
6 hearing programs  
Data Logging  
Wireless optional

- AudioLink
- Binaural synchronization
- Wireless audio input

## SIGNAL PROCESSING

Anti-Feedback system G3  
Noise Manager

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

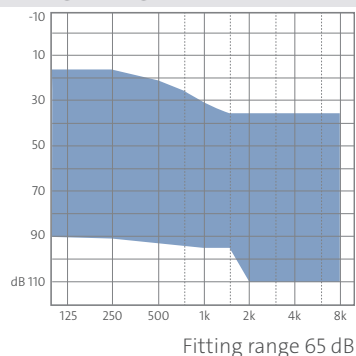
Frequency and dynamics concept

- TRC S
- Selective frequency compression
- HiFi functionality
- Sound Upgrade (in wireless audio input mode)

## AUTOMATIC FUNCTIONS

Intelligent Acclimatic  
Comformatic

## FITTING RANGE



P = Patent

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

# Vega HYPE 12 G3

Gain 65 dB



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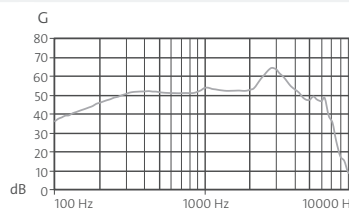
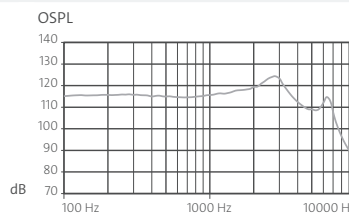
## MAXIMUM OUTPUT

Input: 90 dB

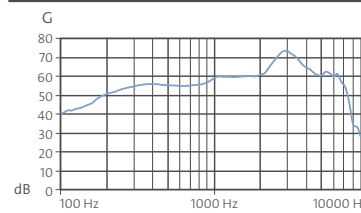
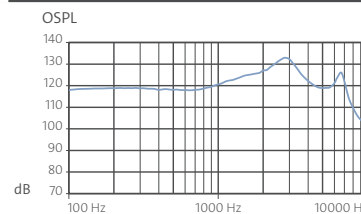
## MAXIMUM GAIN

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	124 dB	134 dB
1,600 Hz (RTF)	118 dB	125 dB
HFA (High Frequency Average)	119 dB	122 dB

### FULL ON GAIN

Peak value at 50 dB	65 dB	75 dB
1,600 Hz (RTF)	53 dB	60 dB
HFA (High Frequency Average)	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 – 7,800 Hz
Battery current consumption	1.00 mA	1.00 mA
Equivalent noise level	19 dB	21 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.



**WARNING**

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

For control ranges and more programming features see Hearing Instrument Simulation of Connexx 7.5 and AudioFit 7.5 or higher.

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 **Audio Service**

## PRODUCT FEATURES

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## BASIC FEATURES

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Push button (integrated in battery compartment lid), can be programmed as a program button, program button with on/off function  
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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



Smart Remote App

## PROGRAMMING CABLES AND ADAPTER

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## TECHNICAL FEATURES

32 signal processing channels / 16 frequency channels  
16 AGC channels / 16 MPO channels  
6 hearing programs  
Data Logging

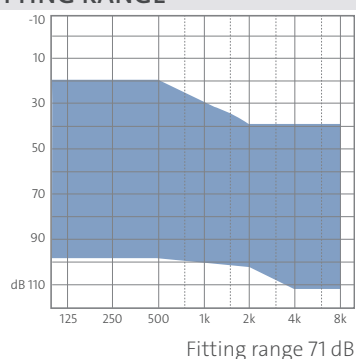
## SIGNAL PROCESSING

Anti-Feedback system G3  
Noise Manager  
    > Adaptive noise reduction  
    > Wiener filter  
    > Impulse suppressor  
    > Auto-situation adaption  
Frequency and dynamics concept  
    > TRC S  
    > Selective frequency compression  
    > HiFi functionality

## AUTOMATIC FUNCTIONS

Intelligent Acclimatic  
Comformatic

## FITTING RANGE



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# Vega HYPE 12 G3

Gain 71 dB



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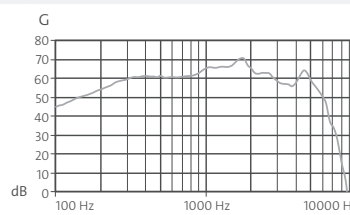
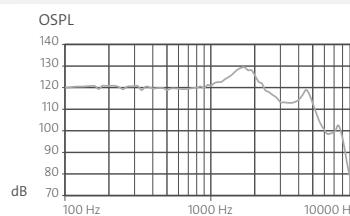
## MAXIMUM OUTPUT

Input: 90 dB

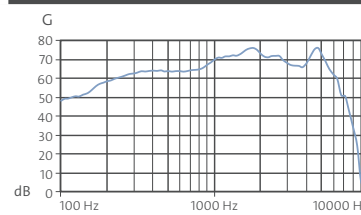
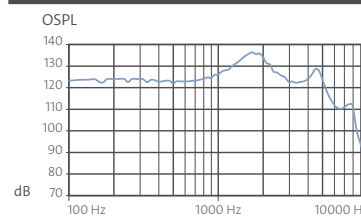
## MAXIMUM GAIN

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	131 dB	138 dB
1,600 Hz (RTF)	129 dB	136 dB
HFA (High Frequency Average)	123 dB	127 dB

### FULL ON GAIN

Peak value at 50 dB	71 dB	77 dB
1,600 Hz (RTF)	69 dB	75 dB
HFA (High Frequency Average)	65 dB	69 dB
Reference test gain	46 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
Supply current	1.10 mA	1.10 mA
Equivalent noise level	18 dB	19 dB
Distortion		
500 Hz	2%	2%
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

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