

Vega 16 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

40 signal processing channels / 20 frequency channels
20 AGC channels / 20 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

AudioTronic 1 Mic (Prerequisite AudioLink)

- > Automatic
- > Adaptive

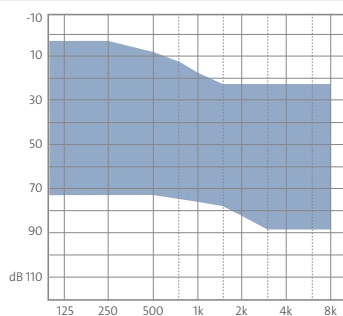
Frequency and dynamics concept

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

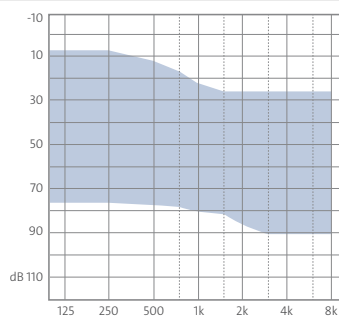
AUTOMATIC FUNCTIONS

Intelligent Acclimatic
Comformatic

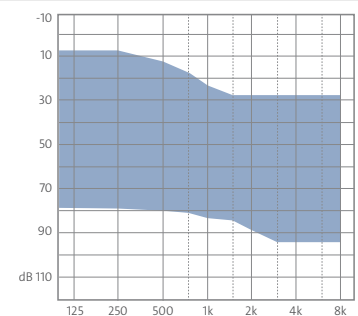
FITTING RANGE



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

Vega 16 G3

Gain 45 dB



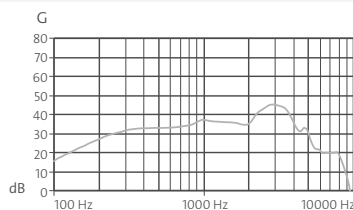
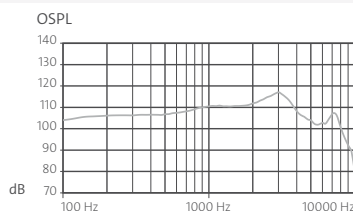
MAXIMUM OUTPUT

Input: 90 dB

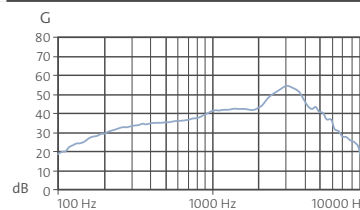
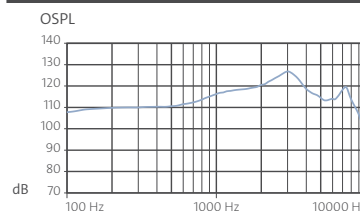
MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



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	43 dB
HFA (High Frequency Average)	43 dB	45 dB
Reference test gain	38 dB	36 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
Distortion		
500 Hz	1%	1%
800 Hz	1%	2%
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



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 Connex 7.5 and AudioFit 7.5 or higher.

Vega 16 G3

Gain 50 dB



 Audio Service

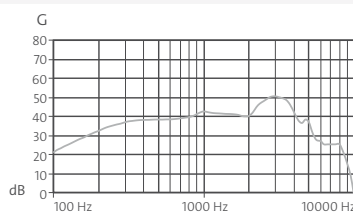
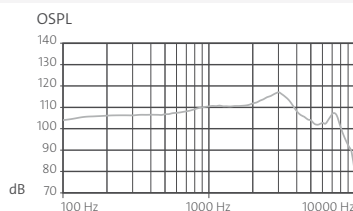
MAXIMUM OUTPUT

Input: 90 dB

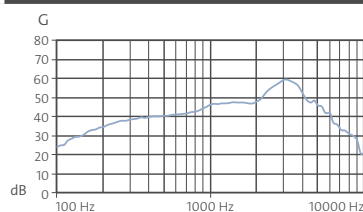
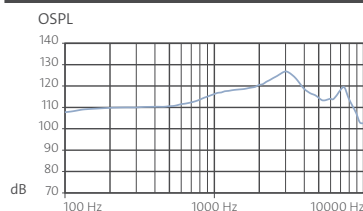
MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



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
Distortion		
500 Hz	1%	1%
800 Hz	1%	2%
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

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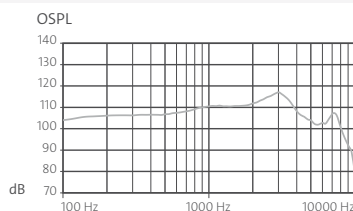
Gain 55 dB



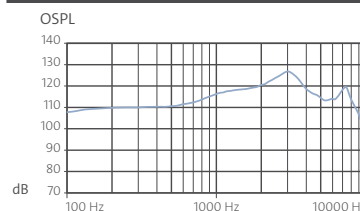
MAXIMUM OUTPUT

Input: 90 dB

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ANSI S3.22-2009¹⁾

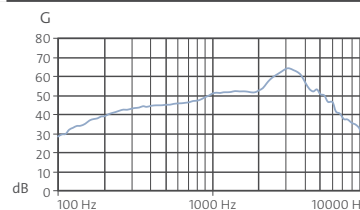
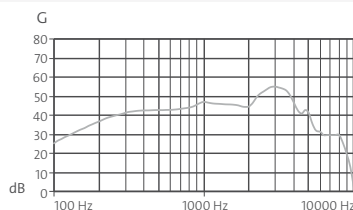


IEC 60118-0²⁾



MAXIMUM GAIN

Input: 50 dB



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
Distortion		
500 Hz	1%	1%
800 Hz	1%	2%
1,600 Hz	1%	2%

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