

CUSTOM HEARING SYSTEMS

Vega Volta C



- › Semi-modular auditory canal custom hearing system
- › Very small design due to the battery standing vertically on the tragus



Wax guard
HF Black



Microphone filter
Microsafe

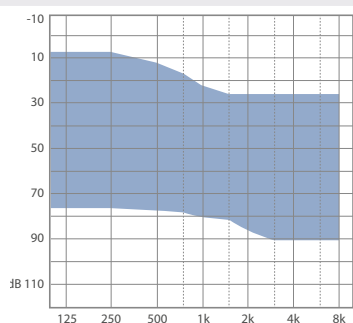
BATTERY: 312

AMPLIFICATION: 50 | 55 | 65 dB

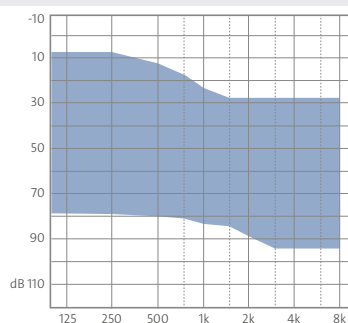
COLOR FACEPLATE

 Beauty

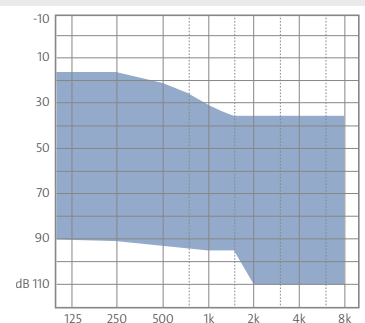
FITTING RANGES



Fitting range 50 dB



Fitting range 55 dB



Fitting range 65 dB

Vega Volta C

BASIC FEATURES

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

SIGNAL PROCESSING

Anti-Feedback system	●
Noise Manager	
> Adaptive noise reduction	● (On/off)
> Wiener filter	—
> Adaptive binaural wind noise reduction binaurally 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

Signal processing channels	8
Frequency channels	4
AGC channels	4
MPO channels	4
Hearing programs	4
> MusicSelect	—
> 2earPhone (Wireless and AutoPhone options 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 cables	●

● = Standard equipment ○ = optional — = not available

More information on the individual features is available at www.audioservice.com

Vega Volta C

Amplification 50 dB

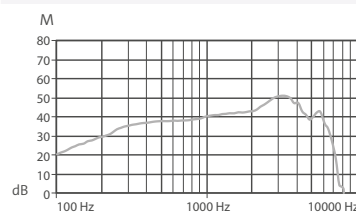
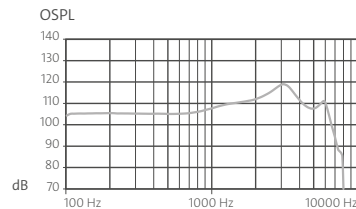
MAXIMUM POWER OUTPUT

LE = 90 dB

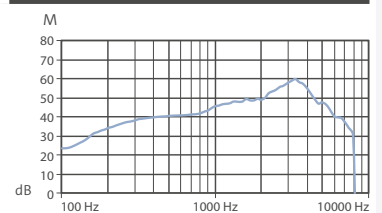
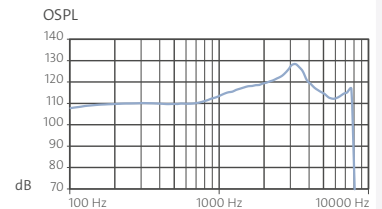
MAXIMUM AMPLIFICATION

Amplification at LE = 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM POWER OUTPUT

Peak value at 90 dB	118 dB	129 dB
1,600 Hz (RTF)	111 dB	117 dB
Mean value at high frequencies	111 dB	113 dB

MAXIMUM ACOUSTIC AMPLIFICATION

Peak value at 50 dB	50 dB	60 dB
1,600 Hz (RTF)	41 dB	49 dB
Mean value at high frequencies	42 dB	45 dB
Reference test gain	35 dB	42 dB

TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	102	102
Frequency range	100 – 7,800 Hz	110 – 8,000 Hz
Battery consumption	1.1 mA	1.1 mA
Equivalent input sound pressure level of the inherent noise	21 dB	21 dB
Tinnitus Noiser, broadband		
Distortion		
500 Hz	2%	3%
800 Hz	2%	3%
1,600 Hz	2%	4%

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.

Vega Volta C

Amplification 55 dB

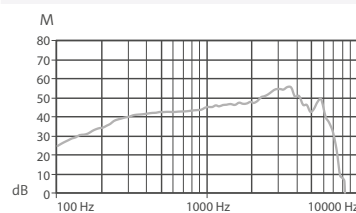
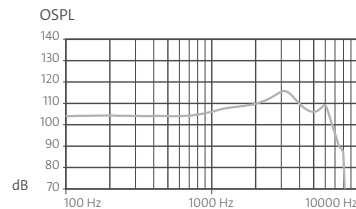
MAXIMUM POWER OUTPUT

LE = 90 dB

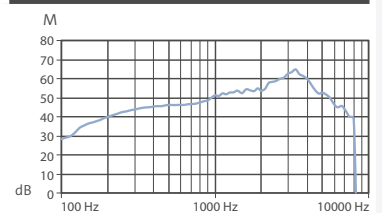
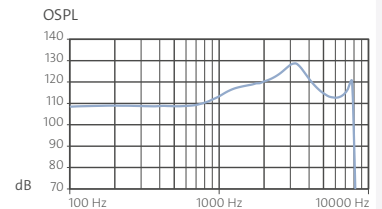
MAXIMUM AMPLIFICATION

Amplification at LE = 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM POWER OUTPUT

Peak value at 90 dB	118 dB	129 dB
1,600 Hz (RTF)	109 dB	117 dB
Mean value at high frequencies	109 dB	113 dB

MAXIMUM ACOUSTIC AMPLIFICATION

Peak value at 50 dB	55 dB	65 dB
1,600 Hz (RTF)	47 dB	55 dB
Mean value at high frequencies	47 dB	51 dB
Reference test gain	32 dB	41 dB

TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	102	102
Frequency range	100 – 7,800 Hz	110 – 8,000 Hz
Battery consumption	1.1 mA	1.1 mA
Equivalent input sound pressure level of the inherent noise	21 dB	22 dB
Tinnitus Noiser, broadband		
Distortion		
500 Hz	2%	3%
800 Hz	2%	5%
1,600 Hz	2%	4%

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



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Vega Volta C

Amplification 65 dB

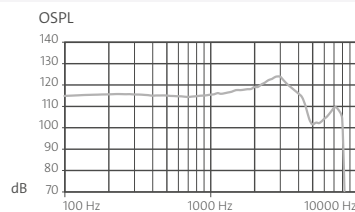
MAXIMUM POWER OUTPUT

LE = 90 dB

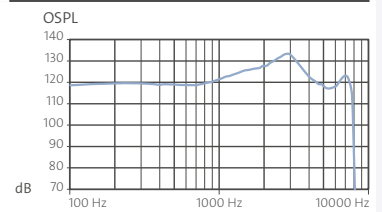
MAXIMUM AMPLIFICATION

Amplification at LE = 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM POWER OUTPUT

Peak value at 90 dB	124 dB	134 dB
1,600 Hz (RTF)	118 dB	125 dB
Mean value at high frequencies	118 dB	122 dB

MAXIMUM ACOUSTIC AMPLIFICATION

Peak value at 50 dB	65 dB	74 dB
1,600 Hz (RTF)	54 dB	61 dB
Mean value at high frequencies	57 dB	61 dB
Reference test gain	42 dB	52 dB

TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	102	102
Frequency range	100 – 6,200 Hz	100 – 6,600 Hz
Battery consumption	1.1 mA	1.1 mA
Equivalent input sound pressure level of the inherent noise	21 dB	20 dB
Tinnitus Noiser, broadband		
Distortion		
500 Hz	2%	5%
800 Hz	3%	7%
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.

⚠ WARNING The maximum output sound pressure level of the hearing systems can reach or exceed 132 dB SPL.
Risk of damage to the hearing of the wearer. Ensure that the hearing systems are fitted with care.

For control ranges and more programming features see Hearing System Simulation of Connex 8.4, AudioFit 8.4.5 or higher.