Product Information

VIRON 9|7|5 miniRITE

Viron is Bernafon's first True Environment Processing™ hearing instrument. The miniRITE is a receiver-in-the-ear hearing instrument designed for users with mild to profound hearing losses. It includes the 2.4 GHz Bluetooth® Low Energy and NFMI technology and comes with a single push button for volume and program changes. The miniRITE is available with the miniFit speaker system, which includes four power levels and a variety of domes and custom molds.

60-SPEAKER

VN 9|7|5 MNR

85-SPEAKER

VN 9|7|5 MNR

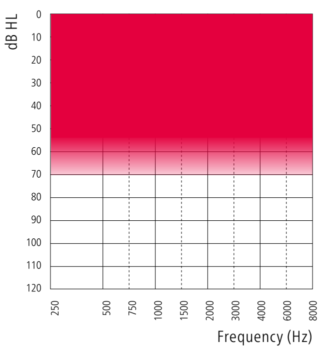
100-SPEAKER

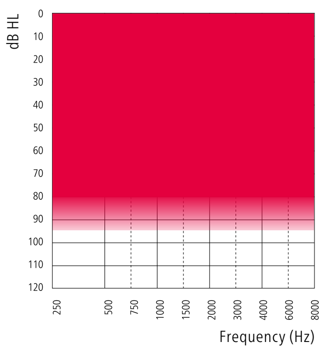
VN 9|7|5 MNR

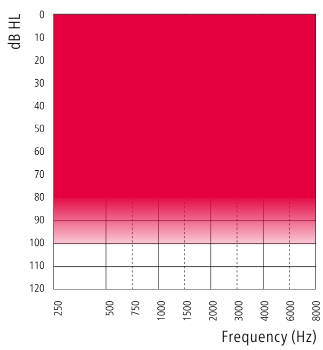
105-SPEAKER

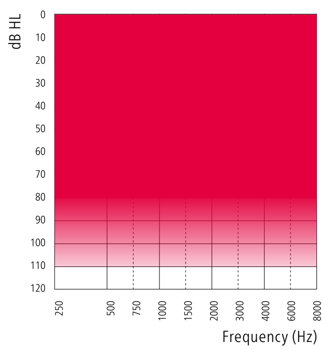
VN 9|7|5 MNR

Made for iPhone | iPad | iPod









Technical Features

- 2.4 GHz Bluetooth® Low Energy
- NFMI (near-field magnetic induction)
- 312 size battery
- Push button
- miniFit speakers
- Hydrophobic coating
- IP68 rated

Accessories

- EasyControl-A app (for iOS and Android™)
- RC-A (remote control)
- TV-A (TV adapter)
- FittingLINK 3.0 (wireless programming interface)
- SoundClip-A

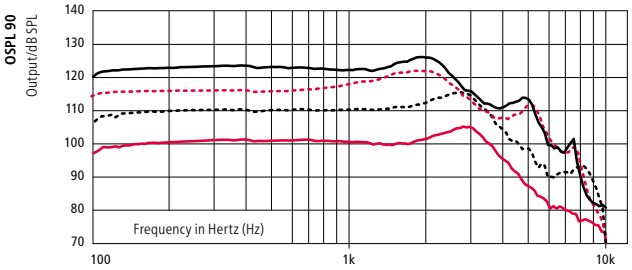
Devices must be running iOS 9.3 or later.For information on compatibility, please visit www.bernafon.com/products/accessories.

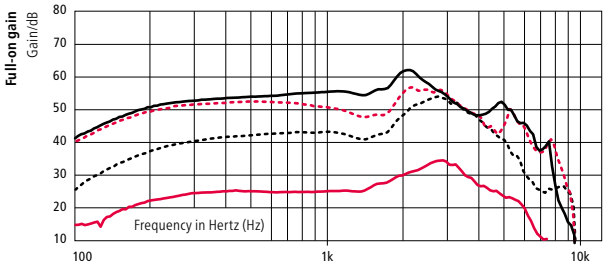
bernafon
Your hearing · Our passion

VIRON 9 miniRITE

- 60-Speaker
- 85-Speaker
- 100-Speaker
- 105-Speaker

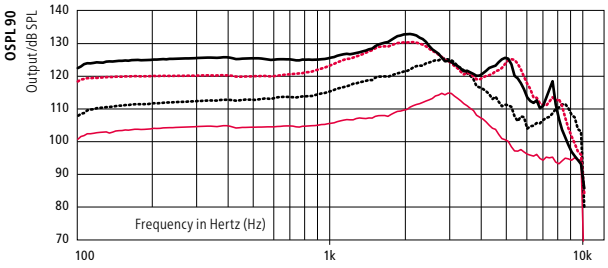
2CC COUPLER

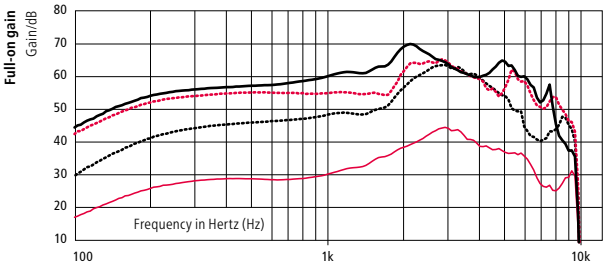




	60-SPEAKER	85-SPEAKER	100-SPEAKER	105-SPEAKER
OSPL90, Peak (dB SPL)	105	115	123	126
OSPL90, 1600 Hz (dB SPL)	100	111	122	124
OSPL90, HFA (dB SPL)	101	112	120	122
Full-on Gain, Peak (dB)	34	54	57	63
Full-on Gain, 1600 Hz (dB)	27	42	49	57
Full-on Gain, HFA (dB)	28	46	52	57
Reference Test Gain (dB)	24	34	43	45
Quiescent Current (mA)	1.5	1.5	1.6	1.6
Operating Current (mA)	1.6	1.7	1.8	1.7
Battery Size	312	312	312	312
Distortion 500/800/1600 Hz (%)	<2/<2/<2	<2/<2/<2	<2/<2/<2	<2/<2/<2
Frequency Range (Hz)	100-7700	100-6700	100-8700	100-7700
Equivalent Input Noise[1] dB(A)	17	19	18	16

EAR SIMULATOR





	60-SPEAKER	85-SPEAKER	100-SPEAKER	105-SPEAKER
OSPL90, Peak (dB SPL)	115	126	131	133*
OSPL90, 1600 Hz (dB SPL)	108	120	129	130
OSPL90, HFA (dB SPL)	–	–	–	–
Full-on Gain, Peak (dB)	45	64	66	70
Full-on Gain, 1600 Hz (dB)	36	51	55	63
Full-on Gain, HFA (dB)	–	–	–	–
Reference Test Gain (dB)	28	44	48	55
Quiescent Current (mA)	1.5	1.6	1.6	1.5
Operating Current (mA)	1.5	1.6	1.6	1.6
Battery Size	312	312	312	312
Distortion 500/800/1600 Hz (%)	<2/<2/<2	<2/<2/<2	<5/<3/<2	<2/<2/<3
Frequency Range (Hz)	–	–	–	–
Equivalent Input Noise[1] dB(A)	20	24	25	21

[1] Technical data measured with expansion, corresponding to the test box measurement settings.

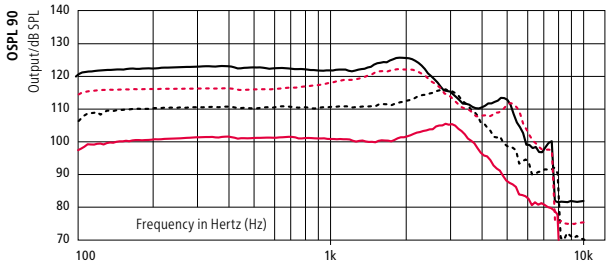
"2cc" refers to a coupler according to IEC 60318-5:2006. "Ear simulator" refers to a coupler according to IEC 60318-4:2010.
Applied versions: IEC 60118-0 /A1:1994, IEC 60118-1 /A1:1998, IEC 60118-7: 2005, ANSI S3.22: 2014, IEC 60118-0:2015.

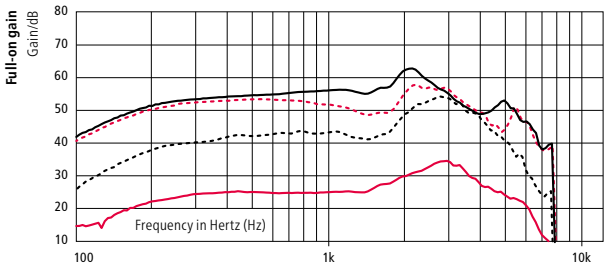
Full-on gain is measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB.
This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.

* Special care should be taken when fitting and using a hearing instrument with maximum sound pressure capability in excess of 132 dB SPL (IEC 60318-4) since there may be a risk of impairing the remaining hearing of the hearing instrument user.

60-Speaker
85-Speaker
100-Speaker
105-Speaker

2CC COUPLER





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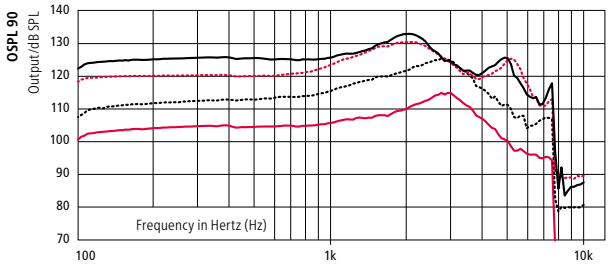
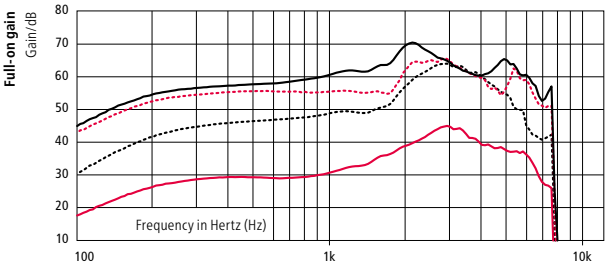
Operating Current (mA)	1.7	1.7	1.8	1.7
Battery Size	312	312	312	312
Distortion 500/800/1600 Hz (%)	<2/<2/<2	<2/<2/<2	<2/<2/<2	<2/<2/<2
Frequency Range (Hz)	100-7700	100-6700	100-7700	100-7700
Equivalent Input Noise[1] dB(A)	18	20	17	18

EAR SIMULATOR





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Operating Current (mA)	1.6	1.6	1.6	1.6
Battery Size	312	312	312	312
Distortion 500/800/1600 Hz (%)	<2/<2/<2	<2/<2/<2	<5/<3/<2	<2/<2/<3
Frequency Range (Hz)	–	–	–	–
Equivalent Input Noise[1] dB(A)	20	24	23	19

[1] Technical data measured with expansion, corresponding to the test box measurement settings.

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FEATURE OVERVIEW

	VIRON 9	VIRON 7	VIRON 5
DECS™ (Dynamic Environment Control System™)			
Dynamic Noise Management™			
Dynamic Directionality	High / Medium focus	Medium focus	Medium focus
Dynamic Noise Reduction	4 Settings	4 Settings	3 Settings
Dynamic Amplification Control™			
Speech in Noise	6 Settings	4 Settings	2 Settings
Comfort in Noise	4 Settings	2 Settings	–
Dynamic Speech Processing™			
ChannelFree™	●	●	●
Speech Cue Priority™	●	●	●
Dynamic Feedback Canceller™	●	●	●
SPEECH			
Low Frequency Enhancer	●	●	●
Frequency Composition^{nxt}	●	●	●
COMFORT			
Binaural Noise Manager	●	●	–
Transient Noise Reduction	4 options	3 options	3 options
Wind Noise Manager	●	●	●
Dynamic Range Extender	●	–	–
Soft Noise Management	●	●	●
PROCESSING			
Frequency Bandwidth	10 kHz	8 kHz	8 kHz
Fitting Bands	16	14	12
DIRECTIONALITY CONTROLS			
Fixed Dir	●	●	●
Fixed Omni	●	●	●
True Directionality™	●	–	–
INDIVIDUALIZATION			
Program Options/Memories	10/4	9/4	9/4
Binaural Coordination: VC, Program Change, Mute	●	●	●
Automatic Adaptation Manager	●	●	●
Transition Level	4 options	3 options	2 options
Data Logging	●	●	●
Tinnitus SoundSupport	●	●	●

Viron MNR can be programmed with Oasis^{nxt} 2019.1 or higher

Operating Conditions
- Temperature: +1°C to +40°C
- Humidity: 5 % to 93 %, non-condensing

Storage and Transportation Conditions
Temperature and humidity shall not exceed the below limits for extended periods during transportation and storage:

- Temperature: –25°C to +60°C
- Humidity: 5 % to 93 %, non-condensing

Waste from electronic equipment must be handled according to local regulations.

CE 0543

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198807/2018-10-16/UK/subject to change

www.bernafon.com

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