

Product Information

ZERENA 9|7|5 miniRITE

Zerena 9|7|5 miniRITE is a small, stylish, modern receiver-in-the-ear hearing instrument, suitable for mild to profound hearing losses. It is a Made for iPhone® hearing instrument and supports Bluetooth® Low Energy (BLE) at 2.4 GHz. The miniRITE comes with the miniFit system, which includes four power levels and

a wide variety of domes and custom molds. Powered by a new dual-radio chip and featuring the new Dynamic Environment Control System™ or DECS™, the Zerena miniRITE has the most advanced features working together for boundless, seamless hearing.

60-SPEAKER



ZR 9|7|5 MNR

85-SPEAKER



ZR 9|7|5 MNR

100-SPEAKER



ZR 9|7|5 MNR

105-SPEAKER



ZR 9|7|5 MNR

Made for



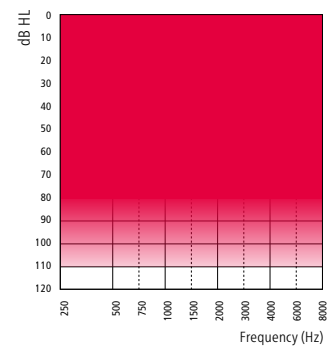
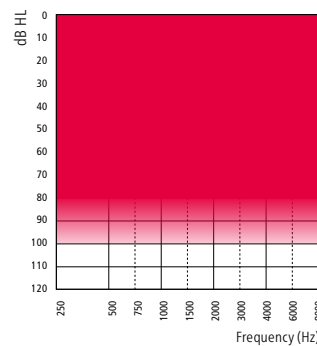
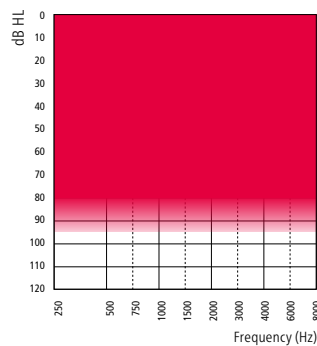
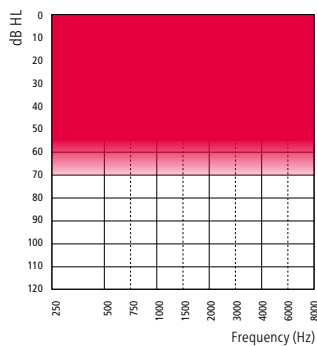
iPod



iPhone



iPad



Technical Features

- 312 size battery
- Push button
- Auto Telephone (detection)
- miniFit speakers
- Hydrophobic coating
- IP68 rated

Connectivity Features

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

Zerena is compatible with iPhone 7 Plus, iPhone 7, iPhone SE, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, 9.7-inch iPad Pro, 12.9-inch iPad Pro, iPad Air 2, iPad Air, iPad (4th generation), iPad mini 4, iPad mini 3, iPad mini 2, iPad mini, and iPod touch (5th and 6th generation). Devices must be running iOS 9.3 or later. For information on compatibility, please visit www.bernafon.com/products/accessories.

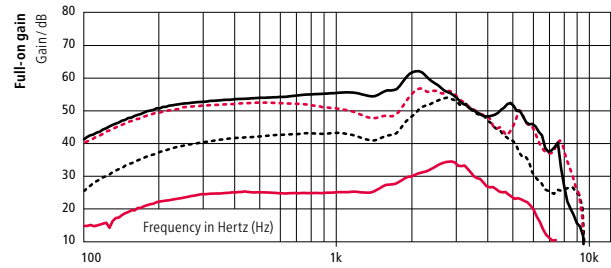
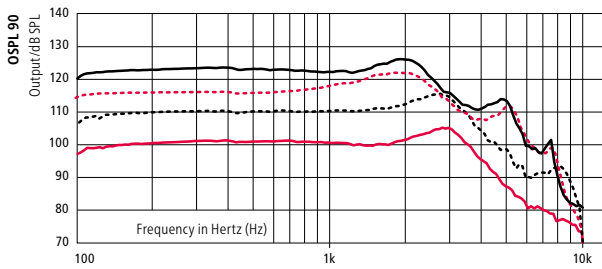
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ZERENA 9

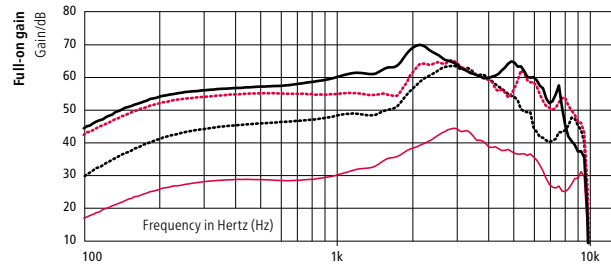
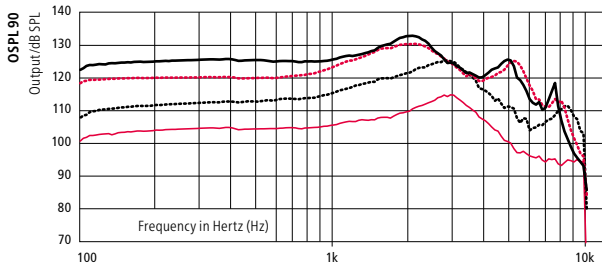
- 60-Speaker
- - - 85-Speaker
- · · 100-Speaker
- 105-Speaker

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.

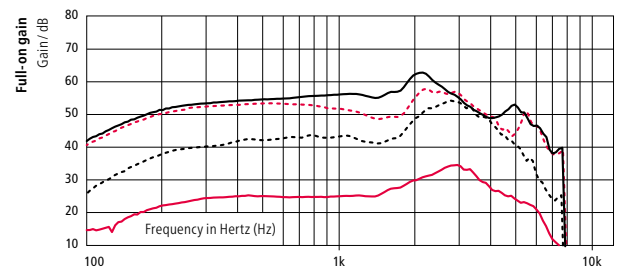
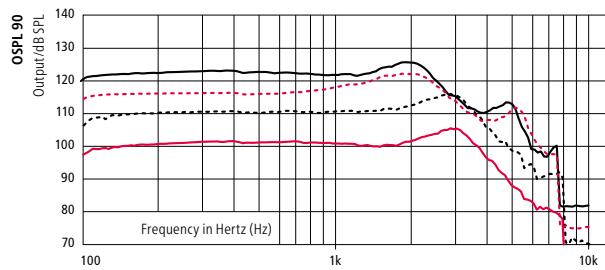
Full-on gain is measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB.

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.

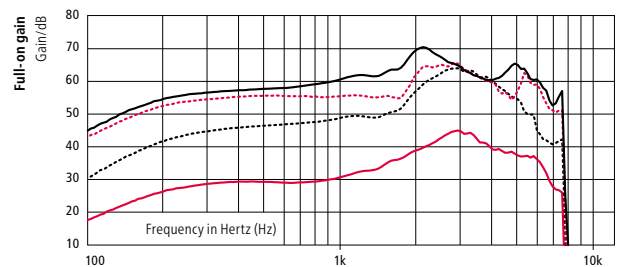
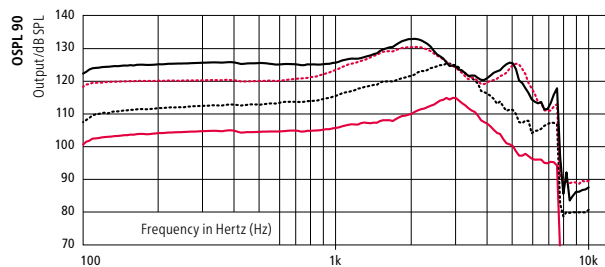
— 60-Speaker
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2CC COUPLER



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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)	1.7	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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Reference Test Gain (dB)	29	44	48	55
Quiescent Current (mA)	1.5	1.6	1.6	1.5
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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Applied versions: IEC 60118-0 /A1:1994, IEC 60118-1 /A1:1998, IEC 60118-7: 2005, ANSI S3.22: 2014, IEC 60118-0:2015.

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FEATURE OVERVIEW

	ZERENA 9	ZERENA 7	ZERENA 5
DECS™ (Dynamic Environment Control System™)			
Dynamic Noise Management™			
Dynamic Directionality	2 Settings	1 Setting	1 Setting
Dynamic Noise Reduction	4 Settings	4 Settings	3 Settings
Dynamic Amplification Control System™			
Speech in Noise	6 Settings	4 Settings	2 Settings
Comfort in Noise	4 Settings	2 Settings	–
Dynamic Speech Processing™			
ChannelFree™	●	●	●
Speech Cue Priority™	●	●	●
SPEECH			
Low Frequency Enhancer	●	●	●
Frequency Composition™	●	●	●
COMFORT			
Binaural Noise Manager	●	●	–
Adaptive Feedback Canceller	●	●	●
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	14/4	13/4	13/4
Binaural Coordination: VC, Program Change, Mute	●	●	●
Adaptation Manager	●	●	●
Transition Level	3 options	3 options	2 options
Data Logging	●	●	●
Tinnitus SoundSupport	●	●	●

Zerena 9|7|5 MNR can be programmed with Oasis^{next} 2017.1 or higher

Operating Conditions

- Temperature: +33.8 °F to 104 °F
- 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: –13 °F to 140 °F
 - Humidity: 5 % to 93 %, non-condensing



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

CE 0543 0682

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Your hearing • Our passion