

## Product Information

# ZERENA 9 IIC, CIC

**Zerena IIC and CIC are the smallest in-the-ear hearing instruments of the Zerena family, suitable for mild to profound hearing losses.** Sophisticated features work together for seamless and boundless adaptation to listening environments. Placed deeply in

the canal, these instruments allow the user to benefit from the natural pinna effect and improve their sound localization abilities. Each style supports two power levels to better accommodate users' needs.

IIC

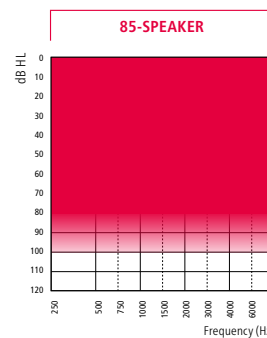
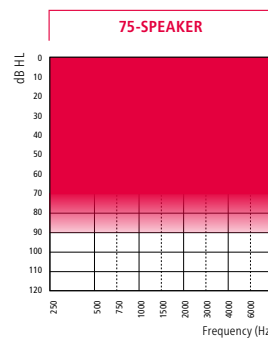
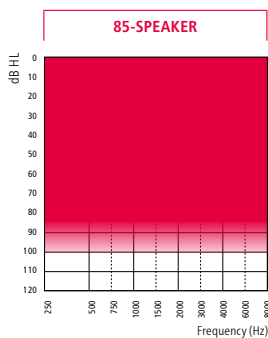
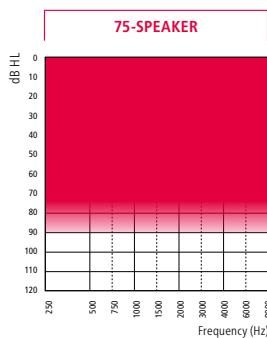


ZR 9 IIC

CIC



ZR 9 CIC



## Technical Features

- Battery size: 10
- Hydrophobic coating, IP68 rated

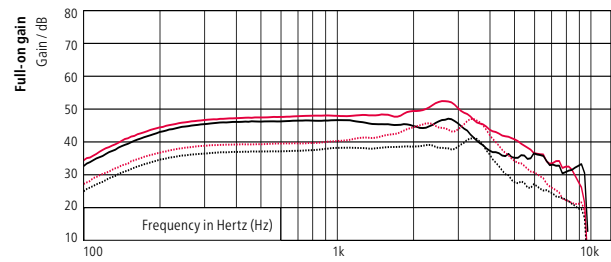
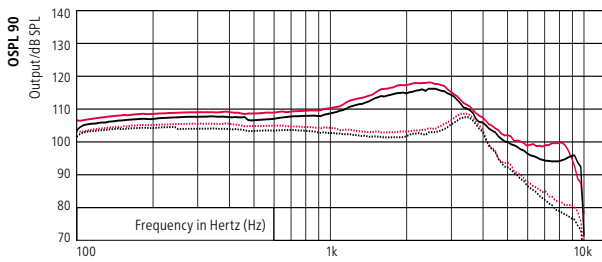
## Optional Features for CIC

- Push button
- Near-field magnetic induction (NFMI)

# ZERENA 9

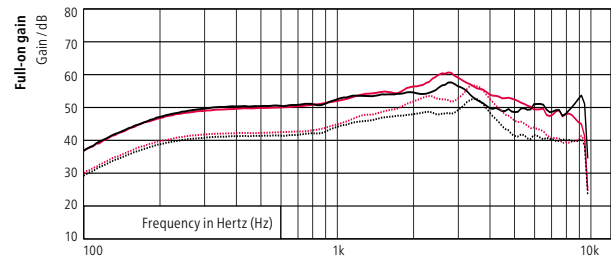
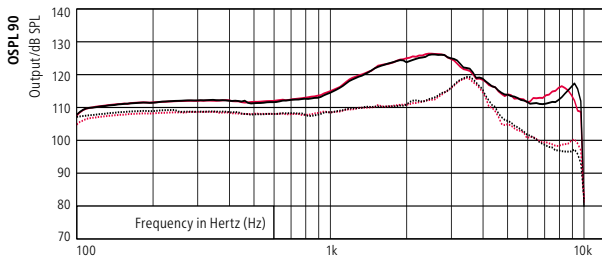
- 85-Speaker CIC
- 85-Speaker IIC
- 75-Speaker CIC
- 75-Speaker IIC

## 2CC COUPLER



	IIC		CIC	
	75-SPEAKER	85-SPEAKER	75-SPEAKER	85-SPEAKER
OSPL90, Peak (dB SPL)	108	116	109	118
OSPL90, 1600 Hz (dB SPL)	102	114	103	116
OSPL90, HFA (dB SPL)	102	113	104	115
Full-on Gain, Peak (dB)	41	47	47	52
Full-on Gain, 1600 Hz (dB)	38	45	42	48
Full-on Gain, HFA (dB)	38	46	42	49
Reference Test Gain (dB)	26	37	27	38
Quiescent Current (mA)	1	1	1	1
Operating Current (mA)	1.1	1.4	1	1.3
Distortion 500/800/1600 Hz (%)	2 2 2	<2 2 <2	<2 <2 2	<2 <2 2
Frequency Range (Hz)	100-9200	100-9200	100-7000	100-9000
Equivalent Input Noise <sup>1)</sup> dB(A)	18	18	19	17

## EAR SIMULATOR



	IIC		CIC	
	75-SPEAKER	85-SPEAKER	75-SPEAKER	85-SPEAKER
OSPL90, Peak (dB SPL)	119	126	119	126
OSPL90, 1600 Hz (dB SPL)	110	123	110	123
OSPL90, HFA (dB SPL)	111	121	110	121
Full-on Gain, Peak (dB)	53	58	57	61
Full-on Gain, 1600 Hz (dB)	47	54	49	55
Full-on Gain, HFA (dB)	46	54	49	56
Reference Test Gain (dB)	37	47	36	48
Quiescent Current (mA)	1	1	1	1
Operating Current (mA)	1	1.1	1	1.1
Battery Size	10	10	10	10
Distortion 500/800/1600 Hz (%)	2 2 3	2 3 2	2 2 3	2 3 4
Frequency Range (Hz)	100-9500	100-9500	100-9500	100-9500
Equivalent Input Noise <sup>1)</sup> dB(A)	19	18	20	20

<sup>1)</sup> 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.

ZERENA 9

**DECS™ (Dynamic Environment Control System™)**

**GOLD**

**Dynamic Noise Management™**

Dynamic Noise Reduction 4 Settings

**Dynamic Amplification Control™**

Speech in Noise 6 Settings

Comfort in Noise 4 Settings

**Dynamic Speech Processing™**

ChannelFree™ ●

Speech Cue Priority™ ●

**SPEECH**

Frequency Composition<sup>mt</sup> ●

**COMFORT**

Binaural Noise Manager<sup>1)</sup> ●

Adaptive Feedback Canceller ●

Transient Noise Reduction 4 options

Dynamic Range Extender ●

Soft Noise Management ●

**PROCESSING**

Frequency Bandwidth 10 kHz

Fitting Bands 16

**DIRECTIONALITY CONTROLS**

Fixed Omni ●

**INDIVIDUALIZATION**

Program Option/Memories 10/4

Binaural Coordination<sup>1)</sup>: VC, Program Change, Mute ●

Automatic Adaptation Manager ●

Transition Level 3 options

Data Logging ●

<sup>1)</sup> Requires NFMI

Zerena 9 IIC and CIC instruments can be programmed with Oasis<sup>next</sup> 2018.2 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



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

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