

Specification guide HearLink 9030 IIC, CIC

HearLink IIC and CIC are the smallest custom in-the-ear hearing instruments of the Philips HearLink family, suitable for slight to severe hearing losses. Powered by AI sound technology, HearLink IIC and CIC custom styles have our newest automatic, advanced and flexible features. Their deep placement in the canal allows the user to benefit from the natural pinna effect and improve their sound localization abilities. Each style offers two speaker levels to better accommodate users' needs.

IIC



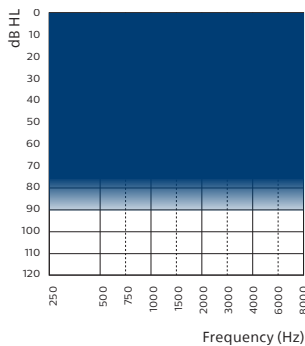
HL 9030 IIC
(HEI9030)

CIC

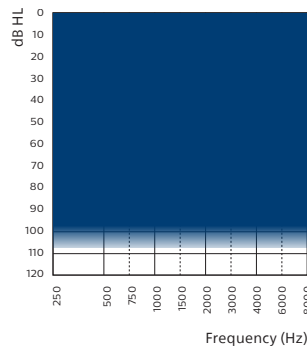


HL 9030F CIC
(HEI9031, HEI5031, HEI3031, HEI2031)

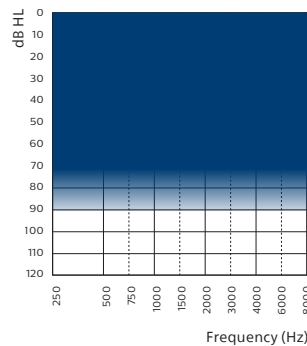
Speaker 75



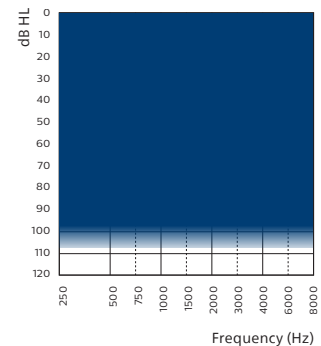
Speaker 90



Speaker 75



Speaker 90



Technical features

- Battery size: 10
- Hydrophobic coating
- IP68 rating
- Push button*
- Near-field magnetic induction (NFMI)*

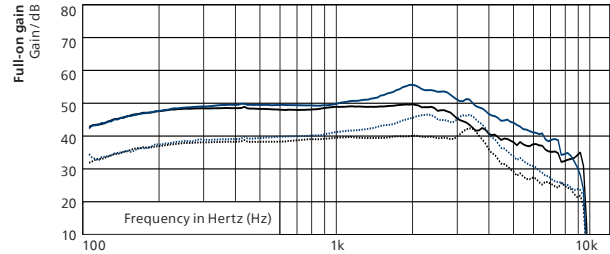
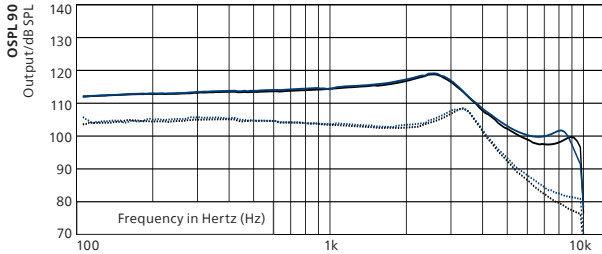
* Optional features only available for CIC

HearLink 9030

HEI9030 CIC

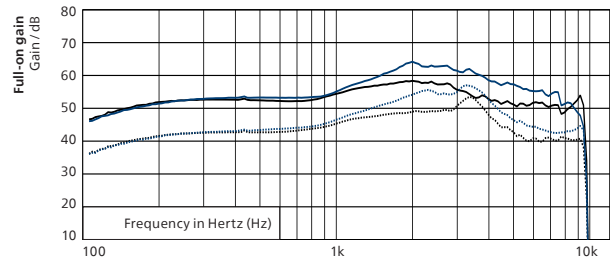
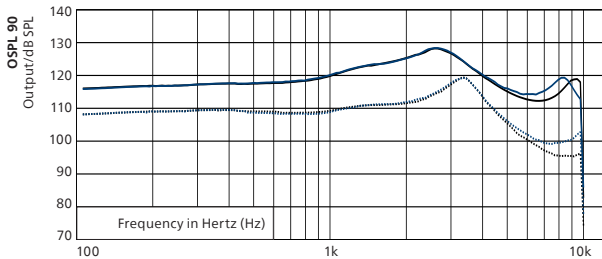
- Speaker 90 CIC
- Speaker 90 IIC
- Speaker 75 CIC
- Speaker 75 IIC

2CC Coupler



	IIC		CIC	
	Speaker 75	Speaker 90	Speaker 75	Speaker 90
OSPL90, Peak (dB SPL)	108	119	108	119
OSPL90, 1600 Hz (dB SPL)	102	115	103	116
OSPL90, HFA (dB SPL)	103	116	104	116
Full-on Gain, Peak (dB)	42	50	47	56
Full-on Gain, 1600 Hz (dB)	40	49	43	53
Full-on Gain, HFA (dB)	39	49	43	52
Reference Test Gain (dB)	27	39	27	40
Quiescent Current (mA)	1.6	1.6	1.5	1.6
Operating Current (mA)	1.7	2.3	1.6	2.0
Distortion 500/800/1600 Hz (%)	<2/<2/<3	<2/<2/<2	<2/<2/<2	<2/<2/<2
Frequency Range (Hz)	100–9200	100–9400	100–9300	100–8700
Equivalent Input Noise ¹⁾ dB(A)	19	19	19	18

Ear Simulator



	IIC		CIC	
	Speaker 75	Speaker 90	Speaker 75	Speaker 90
OSPL90, Peak (dB SPL)	119	128	119	128
OSPL90, 1600 Hz (dB SPL)	111	124	111	124
OSPL90, HFA (dB SPL)	111	124	111	124
Full-on Gain, Peak (dB)	53	58	57	64
Full-on Gain, 1600 Hz (dB)	48	57	51	61
Full-on Gain, HFA (dB)	48	56	51	60
Reference Test Gain (dB)	37	49	36	49
Quiescent Current (mA)	1.6	1.6	1.5	1.6
Operating Current (mA)	1.6	1.8	1.6	1.8
Battery Size	10	10	10	10
Distortion 500/800/1600 Hz (%)	<2/<3/<4	<2/<4/<2	<2/<3/<3	<2/<3/<2
Frequency Range (Hz)	100–9500	100–9500	100–9500	100–9500
Equivalent Input Noise ¹⁾ dB(A)	19	17	19	18

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 instrument 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.

Feature overview

	HearLink 9030
SoundMap 2 Amplification	
Frequency Bandwidth	10 kHz
Extended Dynamic Range	●
Frequency Lowering	●
Comfort Control	4 Options
Noise Control	
Speech Clarifier	3 options
Transition	4 options
Directionality	
Omni Directionality	●
AI Noise Reduction	
Noise Reduction Mode	4 options
Special Noise Management	
Soft Noise Management	●
Transient Noise Reduction	4 options
Binaural Noise Management ²⁾	●
Feedback Canceller	
Strength Control	●
Binaural coordination	
NFMI	●
Binaural Volume and Program Change ²⁾	●
Programming options	
General	●
Fitting bands	24
Environments ¹⁾	9
Manual listening programs ¹⁾	4
HiFi Music Program ¹⁾	●
Airplane Program ¹⁾	●
Data Logging	●
Adaptation Manager	●

¹⁾ Requires push button (only available in CIC)

²⁾ Requires NFMI (only available in CIC)

- Available
- Unavailable

HearLink 9030 IIC and CIC instruments can be programmed with HearSuite 2022.2 or higher

Operating conditions

- Temperature: +1 °C to +40 °C (+34 °F to +104 °F)
- Humidity: 5 % to 93 %, relative humidity, non-condensing
- Atmospheric pressure: 700 hPa to 1060 hPa

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 (–13 °F to +140 °F)
- Humidity: 5 % to 93 %, relative humidity, non-condensing
- Atmospheric pressure: 700 hPa to 1060 hPa



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