

Specification guide

HearLink 9030 | 7030 | 5030 | 3030 | 2030 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



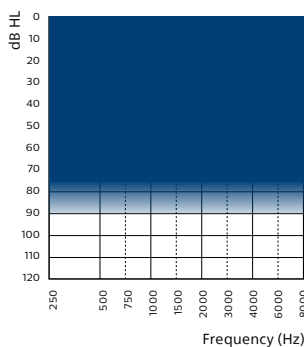
HL 9030 | 7030 | 5030 | 3030 | 2030 IIC
(HEI9030, HEI7030, HEI5030, HEI3030, HEI2030)

CIC

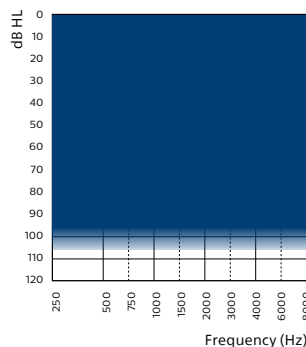


HL 9030 | 7030 | 5030 | 3030 | 2030 CIC
(HEI9031, HEI7031, HEI5031, HEI3031, HEI2031)

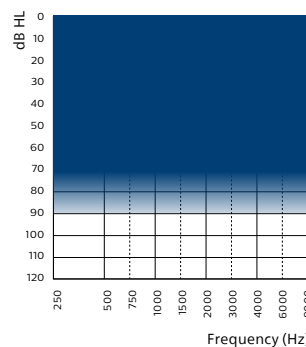
Speaker 75



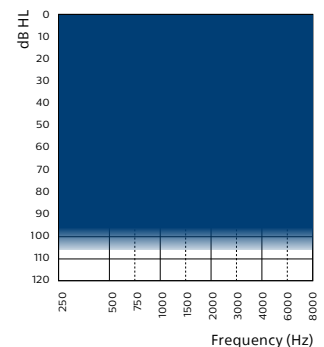
Speaker 90



Speaker 75



Speaker 90



Technical features

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

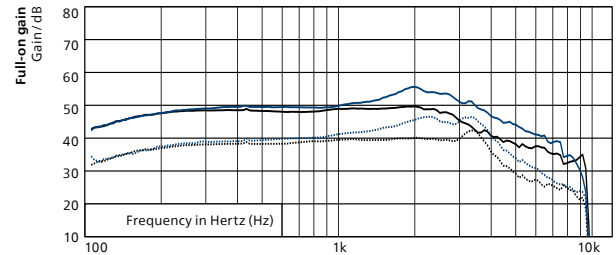
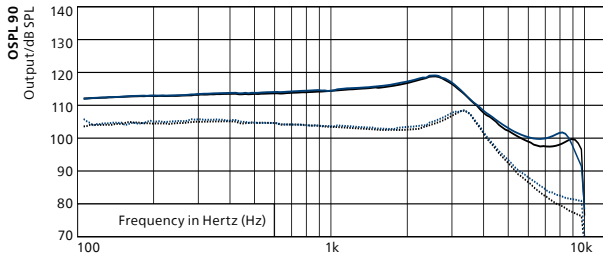
* Optional features only available for CIC

HearLink 9030

HEI9030 IIC | HEI9031 CIC

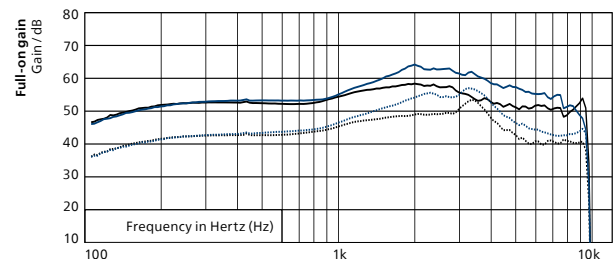
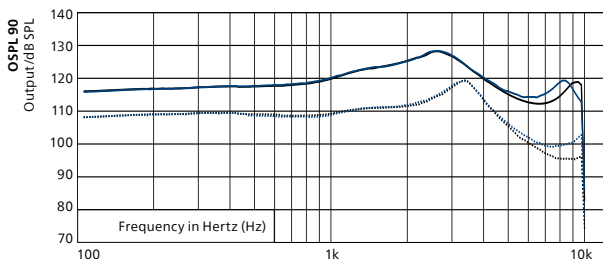
- Speaker 90 CIC
- Speaker 90 IIC
- Speaker 75 CIC
- Speaker 75 IIC

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.

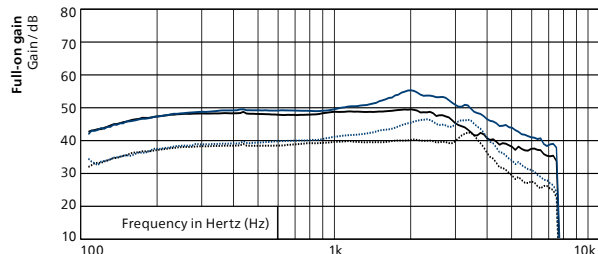
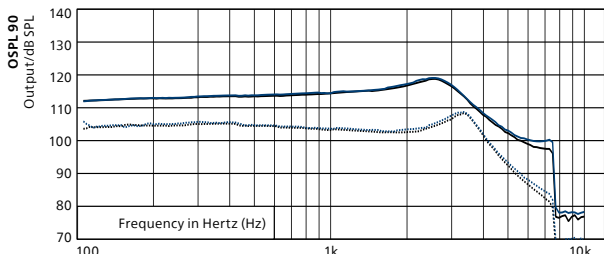
This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.

HearLink 7030 | 5030 | 3030 | 2030

HEI7030, HEI5030, HEI3030, HEI2030 IIC | HEI7031, HEI5031, HEI3031, HEI2031 CIC

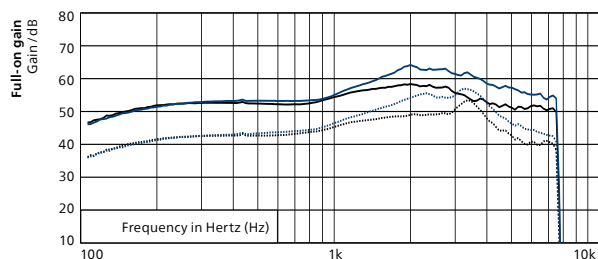
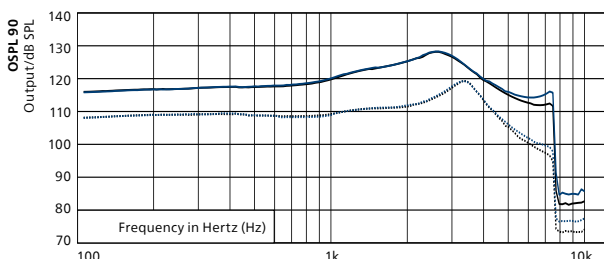
- Speaker 90 CIC
- Speaker 90 IIC
- Speaker 75 CIC
- Speaker 75 IIC

2CC Coupler



| | IIC | | CIC | |
|--|------------|------------|------------|------------|
| | Speaker 75 | Speaker 90 | Speaker 75 | Speaker 90 |
| OSPL90, Peak (dB SPL) | 108 | 119 | 109 | 119 |
| OSPL90, 1600 Hz (dB SPL) | 103 | 115 | 103 | 116 |
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| Full-on Gain, HFA (dB) | 40 | 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) | 1.6 | 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) | 100–7500 | 100–7500 | 100–7500 | 100–7500 |
| Equivalent Input Noise ¹⁾ dB(A) | 19 | 19 | 19 | 19 |

Ear Simulator



| | IIC | | CIC | |
|--|------------|------------|------------|------------|
| | Speaker 75 | Speaker 90 | Speaker 75 | Speaker 90 |
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| 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 |
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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 | HearLink 7030 | HearLink 5030 | HearLink 3030 | HearLink 2030 |
|--|---------------|---------------|---------------|---------------|---------------|
| SoundMap 2 Amplification | | | | | |
| Frequency Bandwidth | 10 kHz | 8 kHz | 8 kHz | 8 kHz | 8 kHz |
| Extended Dynamic Range | ● | ● | – | – | – |
| Frequency Lowering | ● | ● | ● | ● | ● |
| Comfort Control | 4 Options | 2 Options | – | – | – |
| Noise Control | | | | | |
| Speech Clarifier | 3 options | 2 options | – | – | – |
| Transition | 4 options | 3 options | 2 options | ● | ● |
| Directionality | | | | | |
| Omni Directionality | ● | ● | ● | ● | ● |
| AI Noise Reduction | | | | | |
| Noise Reduction Mode | 4 options | 4 options | 3 options | 3 options | 2 options |
| Special Noise Management | | | | | |
| Soft Noise Management | ● | ● | ● | ● | ● |
| Transient Noise Reduction | 4 options | 3 options | 3 options | 2 options | – |
| Binaural Noise Management ²⁾ | ● | ● | – | – | – |
| Feedback Cancellor | | | | | |
| Strength Control | ● | ● | ● | ● | ● |
| Binaural coordination | | | | | |
| NFMI | ● | ● | ● | ● | ● |
| Binaural Volume and Program Change ²⁾ | ● | ● | ● | ● | ● |
| Programming options | | | | | |
| General | ● | ● | ● | ● | ● |
| Fitting bands | 24 | 20 | 18 | 14 | 12 |
| Environments ¹⁾ | 9 | 8 | 8 | 6 | 4 |
| Manual listening programs ¹⁾ | 4 | 4 | 4 | 4 | 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|7030|5030|3030|2030 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



SBO Hearing A/S
Kongebakken 9
DK-2765 Smørum
Denmark



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