PHILIPS

# Technical data
# **HearLink 9060 | 7060 | 5060 | 3060**
# miniRITE R

Philips HearLink 60 miniRITE R (MNR) is suitable for slight to profound hearing loss. It includes our most advanced audiological features in SoundMap 4. Thanks to Bluetooth® LE Audio, Bluetooth Low Energy, and Auracast™ technology it supports hands-free communication, direct streaming for iPhone, iPad, Vision Pro, Apple Watch, Mac and select Android™ devices, and connecting to Auracast broadcasts. It is compatible with miniFit Detect speaker system in four power levels.

| Speaker 60 | Speaker 85 | Speaker 100 | Speaker 105 |
|---|---|---|---|
|  |  |  |  |
| MNR R | MNR R | MNR R | MNR R |

## Technical Features

- Auracast™ broadcast
- Bluetooth® LE Audio
- Bluetooth® Low Energy
- Contact charging
- CROS compatible
- IP68 rated
- Fast Pair
- NFMI (Near-Field Magnetic Induction)
- Tap control

## Accessories

- Philips HearLink 2 app
- Philips AudioClip
- EduMic
- TV Adapter 3.0
- Philips Charger miniRITE (MNR)
- miniFit Detect speakers

For information on compatibility, please visit hearingsolutions.philips.com/compatibility.
This hearing aid also comes as DemoFlex with the same technical data.

**Operating and charging conditions**
Temperature: +5°C to +40°C (+41°F to +104°F)
Humidity: 5% to 93% relative humidity, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

**Transportation and storage conditions**
Temperature and humidity shall not exceed the mentioned limits during transportation and storage.

**Transport**
Temperature: -20°C to +60°C (-4°F to +140°F)
Humidity: 5% to 93% relative humidity, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

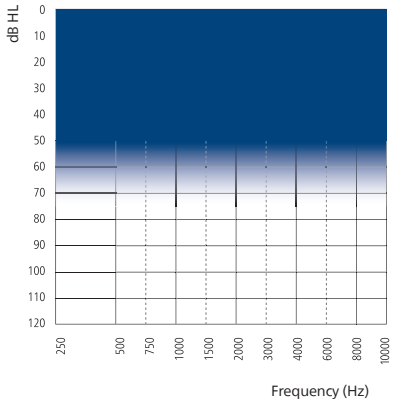
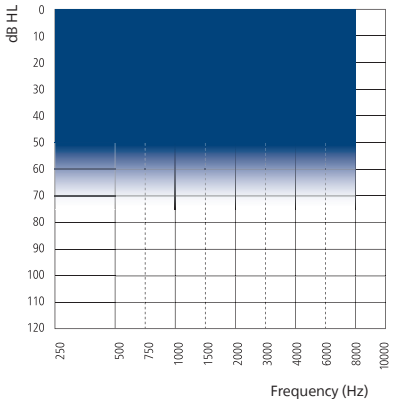
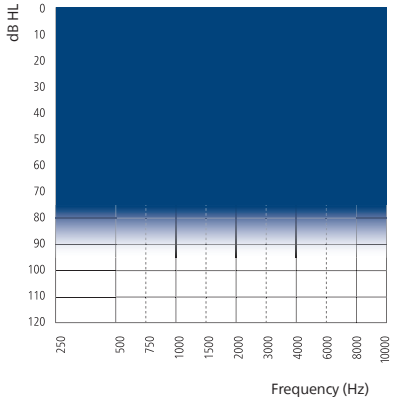
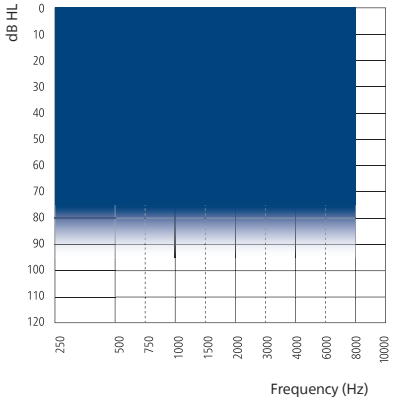
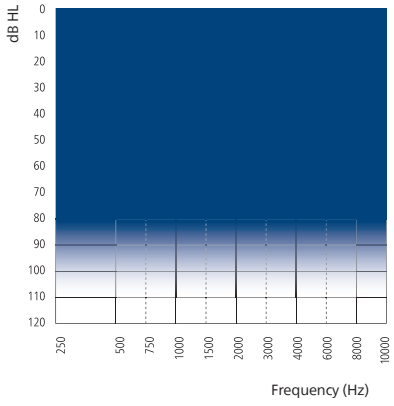
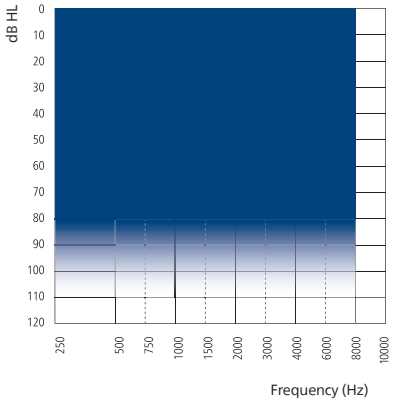
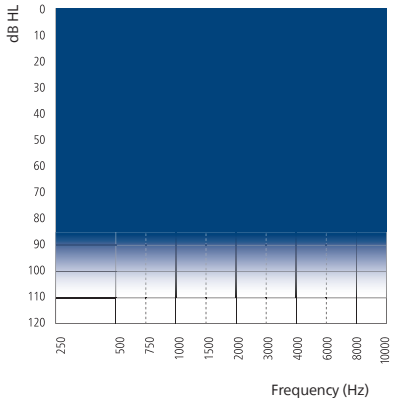
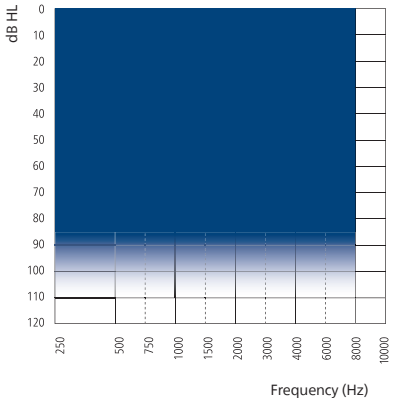
**Storage**
Temperature: -20°C to +30°C (-4°F to +86°F)
Humidity: 5% to 93% relative humidity, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

**WARNING**: No modification of this equipment is allowed.

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Made for iPhone | iPad · Mac · Works with Android · AURACAST A BLUETOOTH® TECHNOLOGY

# Fitting ranges

| Philips HearLink 9060 | Philips HearLink 7060 \| 5060 \| 3060 | |
|---|---|---|
|  |  | 60 |
|  |  | 85 |
|  |  | 100 |
|  |  | 105 |

# Feature overview

| | HearLink 9060 | HearLink 7060 | HearLink 5060 | HearLink 3060 |
|---|---|---|---|---|
| **SoundMap 4** | | | | |
| SoundGuide | • | • | — | — |
| **Amplification** | | | | |
| Frequency Bandwidth | 10 kHz | 8 kHz | 8 kHz | 8 kHz |
| Extended Dynamic Range | • | • | — | — |
| Low Frequency Enhancement | • | • | • | • |
| Frequency Lowering | • | • | • | • |
| Comfort Control | 4 options | 2 options | — | — |
| **Noise reduction** | | | | |
| AI Noise Reduction | 5 options | 4 options | 3 options | 2 options |
| Speech Clarifier | 3 options | 2 options | 1 option | 1 option |
| Transition | 4 options | 3 options | 2 options | 1 option |
| SoundProtect Transient Noise Reduction | 6 options | 5 options | 4 options | 2 options |
| SoundProtect Wind Noise Management 2 | • | — | — | — |
| SoundProtect Wind Noise Management | — | • | • | • |
| Soft Noise Management | • | • | • | • |
| Binaural Noise Management | • | • | • | — |
| **Directionality** | | | | |
| AI Directional Focus | 2 options | 2 options | 1 option | 1 option |
| Dynamic/Adaptive/Fixed/Omni Directionality | • | • | • | • |
| Pinna Mode | 2 options | 2 options | • | • |
| **Feedback Canceller 2** | | | | |
| Strength control | • | • | • | • |
| **SoundTie 5 with Bluetooth™ LE Audio, Auracast™ broadcast, MFi and ASHA** | | | | |
| Direct streaming[1] | • | • | • | • |
| Hands-free communication[1] | • | • | • | • |
| **Binaural coordination (NFMI)** | | | | |
| Binaural Volume and Program Change | • | • | • | • |
| **Programming options** | | | | |
| Fitting Bands | 24 | 20 | 18 | 14 |
| Environments | 13 | 11 | 11 | 9 |
| Manual Listening Programs | 4 | 4 | 4 | 4 |
| HiFi Music Program | • | • | • | • |
| Airplane Program | • | — | — | — |
| Data Logging and Connection Count | • | • | • | • |
| Audible Indicators & Notify Me | • | • | • | • |
| Tap control | • | • | • | • |
| Adaptation Manager | • | • | • | • |
| CROS compatibility | • | • | • | • |
| Tinnitus SoundSupport | • | • | • | • |

1) Available on select devices. For more information, please visit hearingsolutions.philips.com/compatibility

# HearLink 9060 miniRITE R

# Ear Simulator

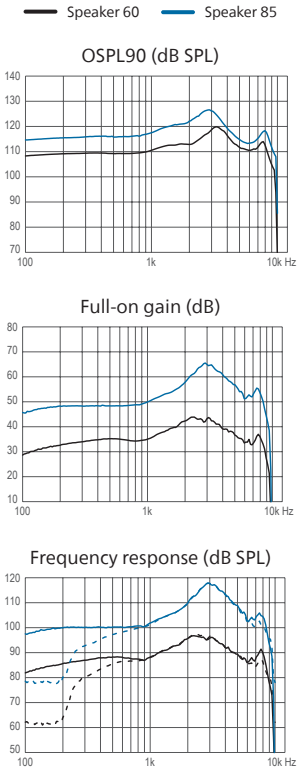
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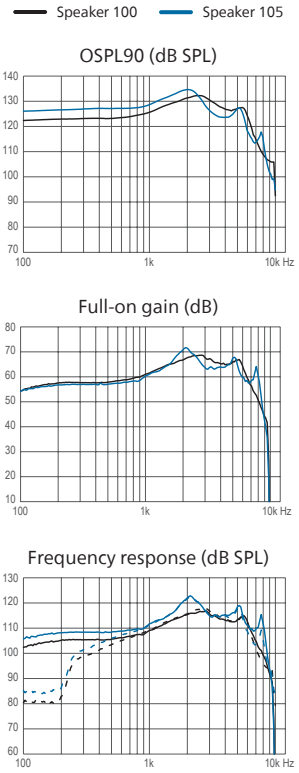



**Technical information**
Omnidirectional mode is used unless otherwise stated.

**Speaker 60 / 100**
Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

**Speaker 85 / 105**
Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m




| | Speaker 60 | Speaker 85 | Speaker 100 | Speaker 105 |
|---|---|---|---|---|
| OSPL90, Peak (dB SPL) | 120 | 127 | 132 | 135 |
| OSPL90, 1600 Hz (dB SPL) | 113 | 121 | 130 | 133 |
| OSPL90, HFA (dB SPL) | 113 | 121 | 129 | 131 |
| Full-on gain, Peak (dB)[1] | 44 | 66 | 69 | 72 |
| Full-on gain, 1600 Hz (dB)[1] | 40 | 54 | 65 | 65 |
| Full-on gain, HFA (dB)[1] | 39 | 56 | 65 | 65 |
| Reference test gain (dB) | 33 | 46 | 54 | 57 |
| Frequency range (Hz) | <100-9400 | <100-9400 | <100-8800 | <100-8800 |
| Telecoil output, 1 mA/m field (1600 Hz) (dB SPL) | 71 | 85 | 97 | 97 |
| Telecoil output, 10 mA/m field (1600 Hz) (dB SPL) | 91 | 105 | 117 | 117 |
| Total harmonic distortion (Input 70 dB SPL), 500 Hz (%) | <2 | <2 | <2 | <2 |
| Total harmonic distortion (Input 70 dB SPL), 800 Hz (%) | <2 | <2 | <3 | <3 |
| Total harmonic distortion (Input 70 dB SPL), 1600 Hz (%) | <3 | <3 | <2 | <3 |
| Equivalent input noise level, Omni (dB SPL) | 17 | 22 | 16 | 17 |
| Battery | Lithium-ion | Lithium-ion | Lithium-ion | Lithium-ion |
| Expected operating time, hours[2] | 24 | 24 | 24 | 24 |

1) Measured with the gain control of the hearing aids set to their 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 but without influence of feedback.
2) Measurement is done in quiescent mode. Expected use time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

# HearLink 9060 miniRITE R

# 2CC Coupler

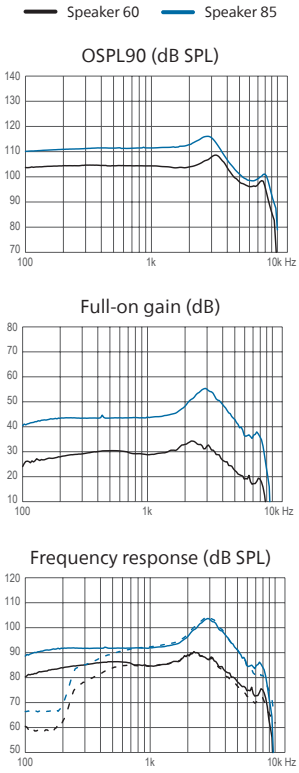
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IEC 60118-0:2022 and IEC 60318-5:2006

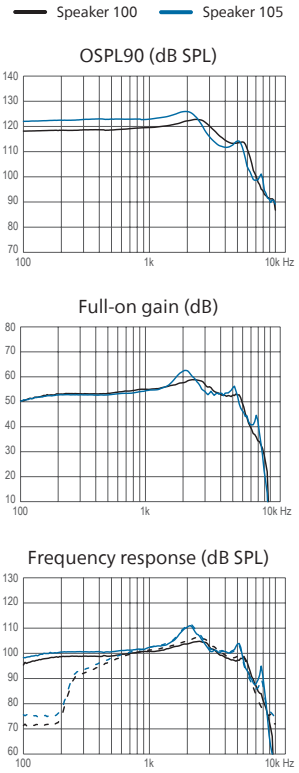


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Magnetic input: 31.6 mA/m

**Speaker 85 / 105**
Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m




| | Speaker 60 | Speaker 85 | Speaker 100 | Speaker 105 |
|---|---|---|---|---|
| OSPL90, Peak (dB SPL) | 109 | 116 | 123 | 126 |
| OSPL90, HFA (dB SPL) | 105 | 113 | 121 | 123 |
| Full-on gain, Peak (dB)[1] | 34 | 55 | 59 | 63 |
| Full-on gain, HFA (dB)[1] | 31 | 47 | 57 | 57 |
| Reference test gain (dB) | 27 | 36 | 43 | 45 |
| Frequency range (Hz) | <100-8400 | <100-8500 | <100-7100 | <100-8200 |
| Telecoil output, HFA SPLITS L/R (dB SPL) | 87 | 96 | 103 | 105 |
| Telecoil output, Full-on HFA-SPLIV (dB SPL) | 82 | 99 | 108 | 108 |
| Total harmonic distortion (Input 70 dB SPL), 500 Hz (%) | <2 | <2 | <2 | <2 |
| Total harmonic distortion (Input 70 dB SPL), 800 Hz (%) | <2 | <2 | <2 | <2 |
| Total harmonic distortion (Input 65 dB SPL), 1600 Hz (%) | <2 | <2 | <2 | <2 |
| Total harmonic distortion (Input 60 dB SPL), 3200 Hz (%) | <2 | <2 | <2 | <2 |
| Equivalent input noise level, Omni (dB SPL) | 18 | 19 | 16 | 17 |
| Battery | Lithium-ion | Lithium-ion | Lithium-ion | Lithium-ion |
| Latency, (ms) | 8.1 | 8.1 | 8.1 | 8.1 |
| Expected operating time, hours[2] | 24 | 24 | 24 | 24 |

1) Measured with the gain control of the hearing aids set to their 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 but without influence of feedback.
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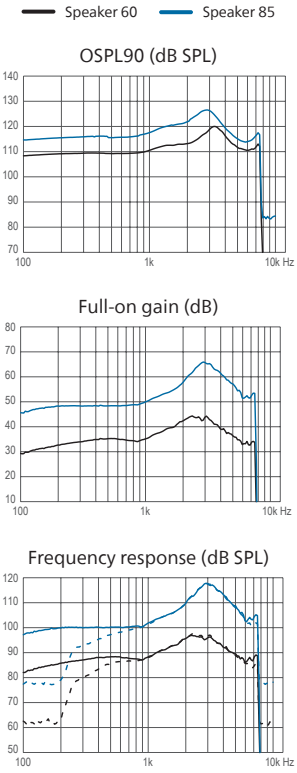
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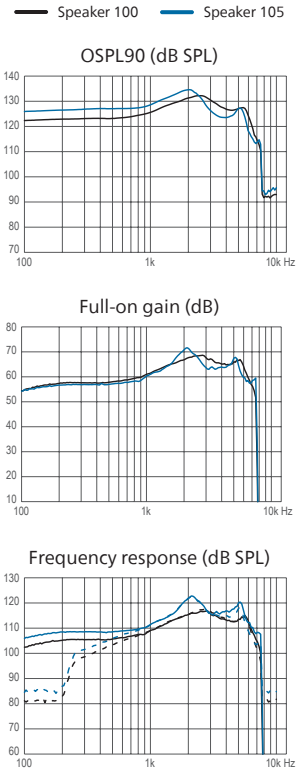



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Magnetic input: 31.6 mA/m

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Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m




| | Speaker 60 | Speaker 85 | Speaker 100 | Speaker 105 |
|---|---|---|---|---|
| OSPL90, Peak (dB SPL) | 120 | 127 | 132 | 135 |
| OSPL90, 1600 Hz (dB SPL) | 113 | 121 | 130 | 133 |
| OSPL90, HFA (dB SPL) | 113 | 121 | 129 | 131 |
| Full-on gain, Peak (dB)[1] | 44 | 66 | 69 | 72 |
| Full-on gain, 1600 Hz (dB)[1] | 40 | 54 | 65 | 65 |
| Full-on gain, HFA (dB)[1] | 39 | 56 | 65 | 65 |
| Reference test gain (dB) | 33 | 46 | 54 | 57 |
| Frequency range (Hz) | <100-7500 | <100-7500 | <100-7500 | <100-7500 |
| Telecoil output, 1 mA/m field (1600 Hz) (dB SPL) | 71 | 85 | 97 | 97 |
| Telecoil output, 10 mA/m field (1600 Hz) (dB SPL) | 91 | 105 | 117 | 117 |
| Total harmonic distortion (Input 70 dB SPL), 500 Hz (%) | <2 | <2 | <2 | <2 |
| Total harmonic distortion (Input 70 dB SPL), 800 Hz (%) | <2 | <2 | <3 | <3 |
| Total harmonic distortion (Input 70 dB SPL), 1600 Hz (%) | <3 | <3 | <2 | <3 |
| Equivalent input noise level, Omni (dB SPL) | 17 | 22 | 16 | 17 |
| Battery | Lithium-ion | Lithium-ion | Lithium-ion | Lithium-ion |
| Expected operating time, hours[2] | 24 | 24 | 24 | 24 |

1) Measured with the gain control of the hearing aids set to their 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 but without influence of feedback.
2) Measurement is done in quiescent mode. Expected use time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

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# 2CC Coupler

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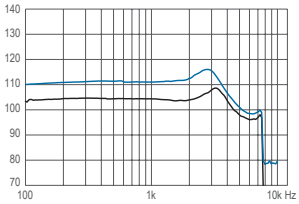

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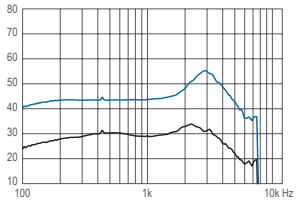
**Speaker 85 / 105**
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Speaker 60 — Speaker 85

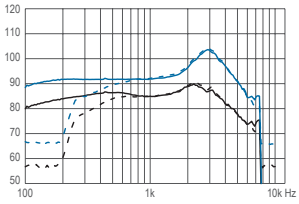
OSPL90 (dB SPL)




Full-on gain (dB)

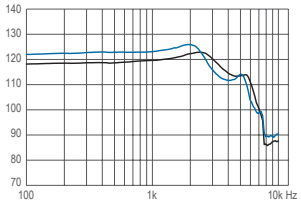



Frequency response (dB SPL)

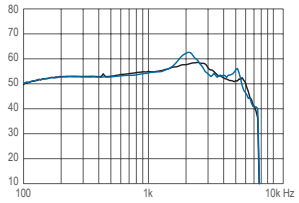



Speaker 100 — Speaker 105

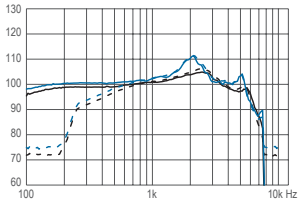
OSPL90 (dB SPL)




Full-on gain (dB)




Frequency response (dB SPL)




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**SBO Hearing A/S**
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299208UK / 2026.03.18 / v1




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