PHILIPS

Technical data
HearLink 9050 | 7050 | 5050 | 3050
nxtCIC R

Philips HearLink 50 nxtCIC R is a small rechargeable in-ear hearing aid with full functionality, suitable for slight to moderately severe hearing loss. SoundMap 3 includes advanced audiological features designed for in-ear styles. Thanks to Bluetooth® LE Audio, Bluetooth Low Energy, and Auracast™ technology it supports hands-free communication, direct streaming for iPhone, iPad, Vision Pro, Mac and select Android™ devices, and connecting to Auracast broadcasts.

Speaker 75



nxtCIC R

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Technical features

- Hands-free communication
- Bluetooth® LE Audio
- Bluetooth® Low Energy
- Auracast™ broadcast
- NFMI (Near-Field Magnetic Induction)
- Tap control
- Encapsulated technology and battery
- Contact charging
- IP68 rated

Accessories

- Philips HearLink 2 app
- Philips AudioClip
- Philips TV Adapter
- Philips Remote Control
- Charger Plus nxtCIC R

For more information, please visit hearingsolutions.philips.com/compatibility.
This hearing aid also comes as DemoFlex with the same technical data.
Technology level availability varies by market.

Operating 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.

Transportation
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

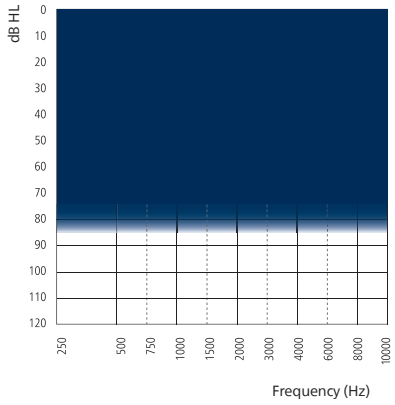
WARNING: No modification of this equipment is allowed.

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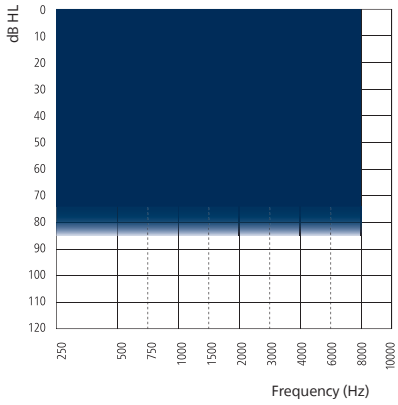
Made for iPhone | iPad · Mac · Works with android · AURACAST A BLUETOOTH® TECHNOLOGY

Fitting ranges

Philips HearLink 9050



Philips HearLink 7050 | 5050 | 3050



Feature overview

	HearLink 9050	HearLink 7050	HearLink 5050	HearLink 3050
SoundMap 3 Amplification				
Frequency Bandwidth	10 kHz	8 kHz	8 kHz	8 kHz
Extended Dynamic Range	•	•	—	—
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	—	—
Transition	4 options	3 options	2 options	1 option
SoundProtect Transient Noise Reduction	6 options	5 options	4 options	2 options
Soft Noise Management	•	•	•	•
Binaural Noise Management	•	•	•	—
Feedback canceller				
Strength control	•	•	•	•
SoundTie 4 with 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	9	7	7	5
Manual Listening Programs	4	4	4	4
HiFi Music Program	•	•	•	•
Airplane Program	•	—	—	—
Data Logging	•	•	•	•
Audible Indicators & Notify Me	•	•	•	•
Tap control	•	•	•	•
Adaptation Manager	•	•	•	•
Tinnitus SoundSupport	•	•	•	•

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

HearLink 9050 nxtCIC R

Ear Simulator

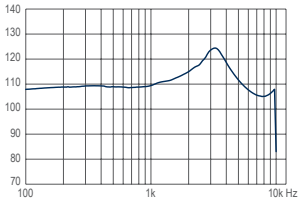
Measured according to IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2022, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010



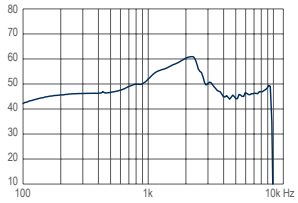
Technical information
Omnidirectional mode is used unless otherwise stated.

Speaker 75

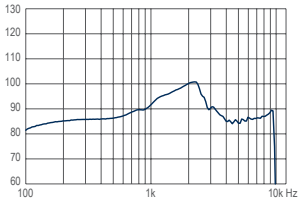
OSPL90 (dB SPL)



Full-on gain (dB)



Frequency response (dB SPL)



	Speaker 75
OSPL90, Peak (dB SPL)	124
OSPL90, 1600 Hz (dB SPL)	112
OSPL90, HFA (dB SPL)	113
Full-on gain, Peak (dB)[1]	61
Full-on gain, 1600 Hz (dB)[1]	58
Full-on gain, HFA (dB)[1]	55
Reference test gain (dB)	38
Frequency range (Hz)	<100-9500
Total harmonic distortion (Input 70 dB SPL), 500 Hz (%)	<2
Total harmonic distortion (Input 70 dB SPL), 800 Hz (%)	<3
Total harmonic distortion (Input 70 dB SPL), 1600 Hz (%)	<3
Equivalent input noise level, Omni (dB SPL)	17
Battery	Lithium-ion
Expected operating time, hours[2]	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 from e.g. IEC 60118-0:1983+A1:1994 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.

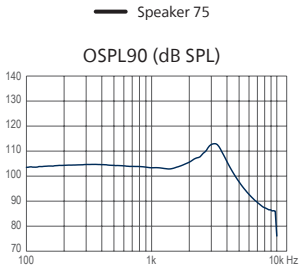
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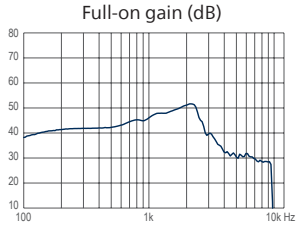
2CC Coupler

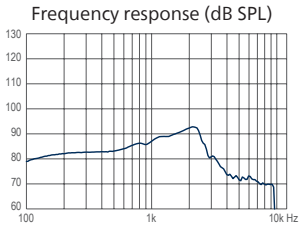
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Technical information
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	Speaker 75
OSPL90, Peak (dB SPL)	113
OSPL90, HFA (dB SPL)	105
Full-on gain, Peak (dB)[1]	52
Full-on gain, HFA (dB)[1]	47
Reference test gain (dB)	28
Frequency range (Hz)	<100-9400
Total harmonic distortion (Input 70 dB SPL), 500 Hz (%)	<2
Total harmonic distortion (Input 70 dB SPL), 800 Hz (%)	<2
Total harmonic distortion (Input 65 dB SPL), 1600 Hz (%)	<2
Total harmonic distortion (Input 60 dB SPL), 3200 Hz (%)	<2
Equivalent input noise level, Omni (dB SPL)	19
Battery	Lithium-ion
Latency, (ms)	8.2
Expected operating time, hours[2]	24

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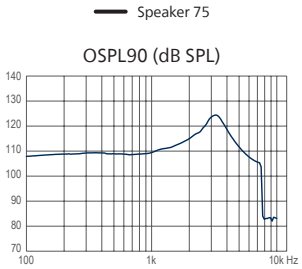
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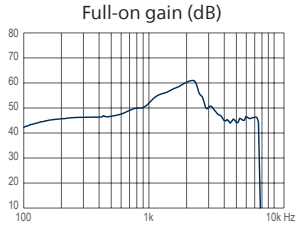
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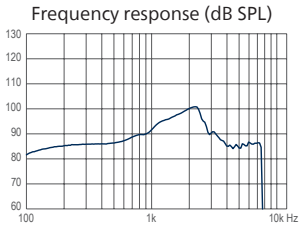
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Full-on gain, Peak (dB)[1]	61
Full-on gain, 1600 Hz (dB)[1]	58
Full-on gain, HFA (dB)[1]	55
Reference test gain (dB)	38
Frequency range (Hz)	<100-7500
Total harmonic distortion (Input 70 dB SPL), 500 Hz (%)	<2
Total harmonic distortion (Input 70 dB SPL), 800 Hz (%)	<3
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Equivalent input noise level, Omni (dB SPL)	17
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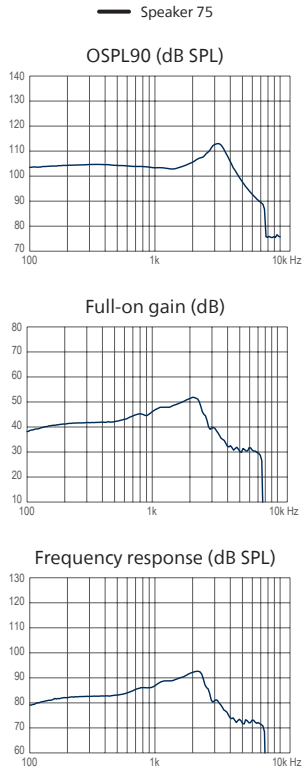
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