

PHILIPS

HearLink

Specification Guide

HearLink 9010 | 7010 | 5010 | 3000 | 2000 MNR

HearLink miniRITE is a receiver-in-the-ear hearing instrument of the Philips HearLink family, suitable for mild to profound hearing losses. It is a Made for iPhone® hearing instrument and supports Bluetooth® Low Energy (BLE) at 2.4 GHz. The miniRITE comes with the miniFit system, which includes 4 power levels and a wide variety of domes and custom molds. Powered by SoundMap technology, the HearLink miniRITE has our most automatic, advanced and flexible features.

60-Speaker

85-Speaker

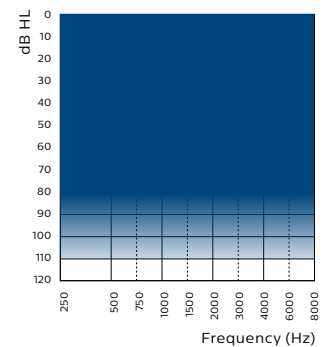
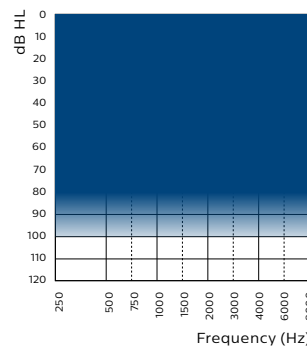
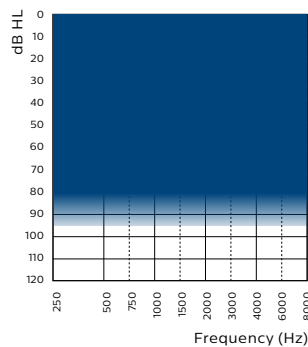
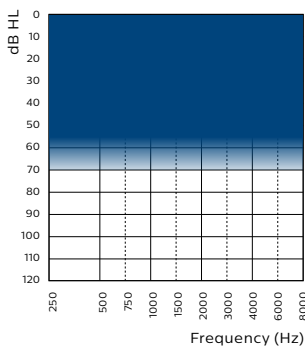
100-Speaker

105-Speaker



9010 | 7010 | 5010 | 3000 | 2000 MNR
(HER9010, HER7010, HER5010, HER3000, HER2000)

Made for
iPhone | iPad | iPod



Technical features

- 312 size battery
- Program Button
- Auto Telephone (detection)*
- miniFit speakers
- Hydrophobic coating
- IP68 rated

Connectivity features

- 2.4 GHz stereo streaming
- Philips HearLink app (for iOS and Android™)
- Remote Control
- TV Adapter
- FittingLINK 3.0 (wireless programming interface)
- AudioClip

*Only available in HearLink 3000 and HearLink 2000

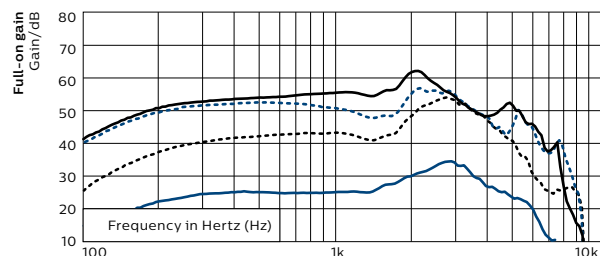
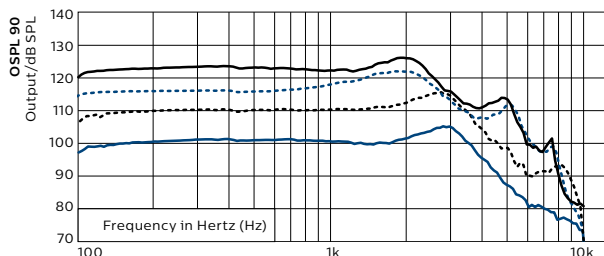
Devices must be running iOS 9.3 or later. For information on compatibility, please visit www.hearingsolutions.philips.com.

HearLink 9010

HER9010, MNR

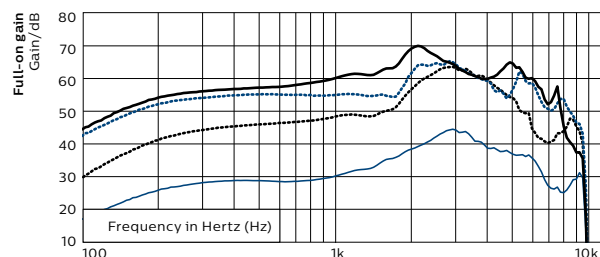
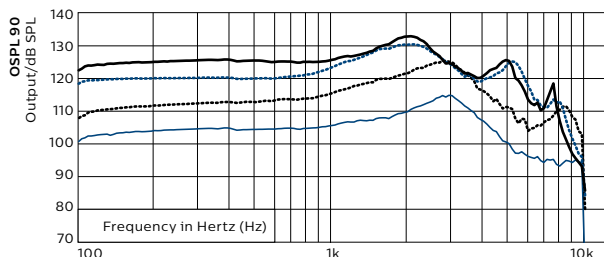
— 60-Speaker ··· 85-Speaker ··· 100-Speaker — 105-Speaker

2CC Coupler



	60-Speaker	85-Speaker	100-Speaker	105-Speaker
OSPL90, Peak (dB SPL)	105	115	123	126
OSPL90, 1600 Hz (dB SPL)	100	111	122	124
OSPL90, HFA (dB SPL)	101	112	120	122
Full-on Gain, Peak (dB)	34	54	57	63
Full-on Gain, 1600 Hz (dB)	27	42	49	57
Full-on Gain, HFA (dB)	28	46	52	57
Reference Test Gain (dB)	24	34	43	45
Quiescent Current (mA)	1.5	1.5	1.6	1.6
Operating Current (mA)	1.6	1.7	1.8	1.7
Battery Size	312	312	312	312
Distortion 500/800/1600 Hz (%)	<2/<2/<2	<2/<2/<2	<2/<2/<2	<2/<2/<2
Frequency Range (Hz)	100-7700	100-6700	100-8700	100-7700
Equivalent Input Noise ¹⁾ dB(A)	17	19	18	16

Ear Simulator



	60-Speaker	85-Speaker	100-Speaker	105-Speaker
OSPL90, Peak (dB SPL)	115	126	131	133*
OSPL90, 1600 Hz (dB SPL)	108	120	129	130
OSPL90, HFA (dB SPL)	-	-	-	-
Full-on Gain, Peak (dB)	45	64	66	70
Full-on Gain, 1600 Hz (dB)	36	51	55	63
Full-on Gain, HFA (dB)	-	-	-	-
Reference Test Gain (dB)	28	44	48	55
Quiescent Current (mA)	1.5	1.6	1.6	1.5
Operating Current (mA)	1.5	1.6	1.6	1.6
Battery Size	312	312	312	312
Distortion 500/800/1600 Hz (%)	<2/<2/<2	<2/<2/<2	<5/<3/<2	<2/<2/<3
Frequency Range (Hz)	-	-	-	-
Equivalent Input Noise ¹⁾ dB(A)	20	24	25	21

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.

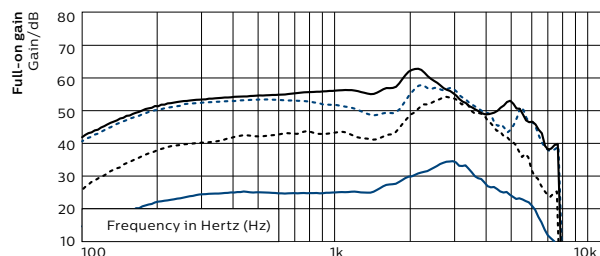
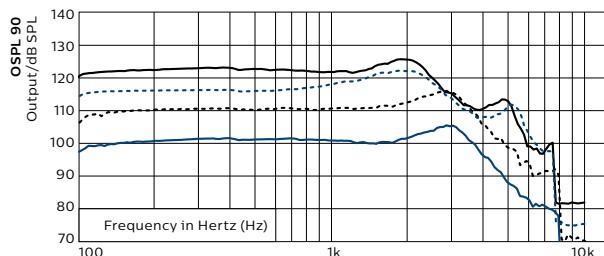
* Special care should be taken when fitting and using a hearing instrument with maximum sound pressure capability in excess of 132 dB SPL (IEC 60318-4) since there may be a risk of impairing the remaining hearing of the hearing instrument user.

HearLink 7010 | 5010 | 3000 | 2000

HER7010, HER5010, HER3000, HER2000, MNR

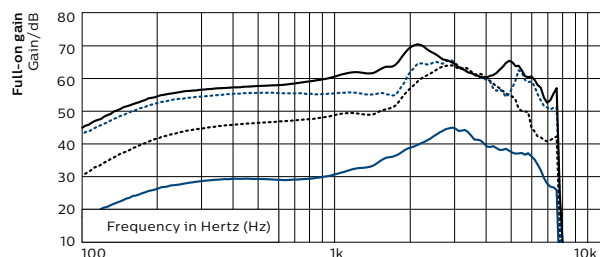
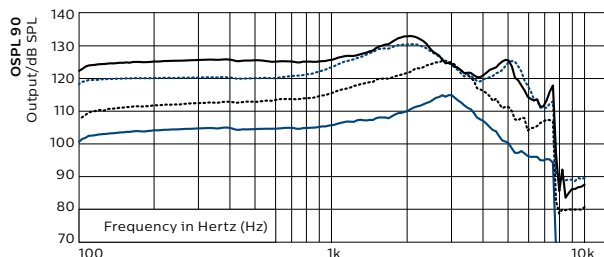
— 60-Speaker ... 85-Speaker ... 100-Speaker — 105-Speaker

2CC Coupler



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Full-on Gain, HFA (dB)	28	46	52	57
Reference Test Gain (dB)	24	34	43	45
Quiescent Current (mA)	1.5	1.5	1.6	1.6
Operating Current (mA)	1.7	1.7	1.8	1.7
Battery Size	312	312	312	312
Distortion 500/800/1600 Hz (%)	<2/<2/<2	<2/<2/<2	<2/<2/<2	<2/<2/<2
Frequency Range (Hz)	100-7700	100-6700	100-7700	100-7700
Equivalent Input Noise ¹⁾ dB(A)	18	20	17	18

Ear Simulator



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Reference Test Gain (dB)	29	44	48	55
Quiescent Current (mA)	1.5	1.6	1.6	1.5
Operating Current (mA)	1.6	1.6	1.6	1.6
Battery Size	312	312	312	312
Distortion 500/800/1600 Hz (%)	<2/<2/<2	<2/<2/<2	<5/<3/<2	<2/<2/<3
Frequency Range (Hz)	-	-	-	-
Equivalent Input Noise ¹⁾ dB(A)	20	24	23	19

¹⁾ Technical data measured with expansion, corresponding to the test box measurement settings.

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Feature overview

	HearLink 9010	HearLink 7010	HearLink 5010	HearLink 3000	HearLink 2000
SoundMap Amplification					
Adaptive Compress	10 options	6 options	2 options	-	-
Frequency bandwidth	10 kHz	8 kHz	8 kHz	8 kHz	8 kHz
Phoneme Focus	●	●	●	●	●
Envelope Focus	●	●	●	●	●
Extended Dynamic Range	●	-	-	-	-
Low Frequency Enhancement	●	●	●	●	-
Frequency Lowering	●	●	●	●	-
Adaptive Feedback Canceller	-	-	-	●	●
SoundMap Feedback Canceller	●	●	●	-	-
SoundMap Noise Control					
Directionality					
Multichannel Directionality	2 options: Hi/Med	1 option: Med	1 option: Med	1 option: Low	1 option: Low
True Ear	●	-	-	-	-
Fixed Directionality	●	●	●	●	●
Omni Directionality	●	●	●	●	●
Noise management					
Noise Reduction	4 options	4 options	3 options	●	●
Transition	4 options	3 options	2 options	-	-
Wind Noise Reduction	●	●	●	●	●
Soft Noise Reduction	●	●	●	●	●
Transient Noise Reduction	4 options	3 options	3 options	●	-
SoundTie Connectivity and binaural coordination					
2.4 GHz direct streaming	●	●	●	●	●
NFMI	●	●	●	●	●
Binaural Volume and Program Change	●	●	●	●	●
Binaural Noise Management	●	●	-	-	-
Non-Telephone Ear Control	●	●	●	●	●
Programming options					
General	●	●	●	●	●
Fitting bands	16	14	12	10	8
Environments	10	9	9	6	6
Manual listening programs	4	4	4	4	4
Concert	●	●	●	-	-
Airplane Program	●	-	-	-	-
Data Logging	●	●	●	●	●
Adaptation Manager	●	●	●	●	●

HearLink 9010|7010|5010|3000|2000 MNR instruments can be programmed with HearSuite 2019.1 or higher

Operating conditions

- Temperature: +1°C to +40°C
- 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: -25°C to +60°C
 - Humidity: 5 % to 93 %, non-condensing



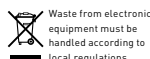
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