

# PHILIPS

# HearLink

## Specification Guide

# HearLink 9010 | 7010 | 5010 | 3000 | 2000 BTE PP

HearLink BTE PP is a behind-the-ear hearing instrument of the Philips HearLink family, suitable for moderate to profound hearing losses, with a telecoil and double Program Button. It is a Made for iPhone® hearing instrument and supports Bluetooth® Low Energy (BLE) at 2.4 GHz. The BTE PP comes with an earhook and the miniFit thin tube system, which includes a wide variety of domes and custom molds. Powered by SoundMap technology, the HearLink BTE PP has our most automatic, advanced and flexible features.

### miniFit 0.9mm



HL 9010 | 7010 | 5010 | 3000 | 2000 BTE PP  
(HEB9010, HEB7010, HEB5010, HEB3000, HEB2000)

### miniFit 1.3 mm



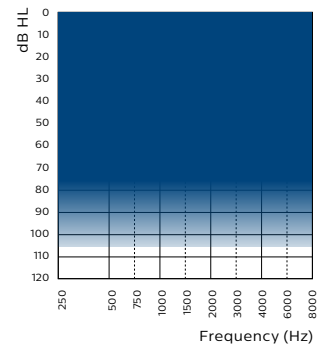
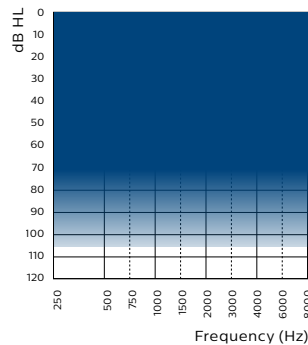
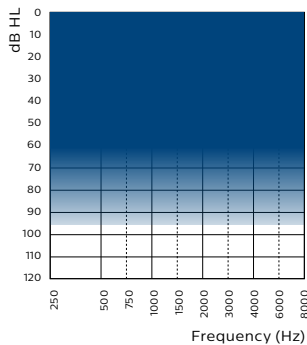
HL 9010 | 7010 | 5010 | 3000 | 2000 BTE PP  
(HEB9010, HEB7010, HEB5010, HEB3000, HEB2000)

### Earhook



HL 9010 | 7010 | 5010 | 3000 | 2000 BTE PP  
(HEB9010, HEB7010, HEB5010, HEB3000, HEB2000)

Made for  
 iPhone | iPad | iPod



### Technical features

- 13 size battery
- Double Program Button
- Telecoil
- Auto Telephone (detection)\*
- miniFit thin tube
- 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
- Direct Audio Input (DAI) adapter
- FM adapter

\*Only available in HearLink 3000 and HearLink 2000

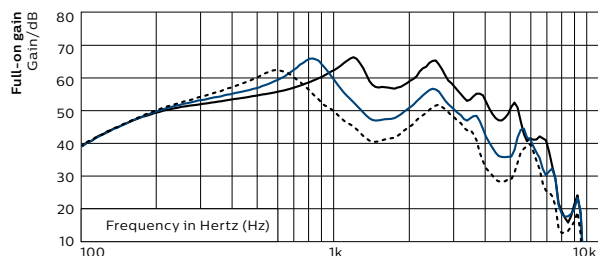
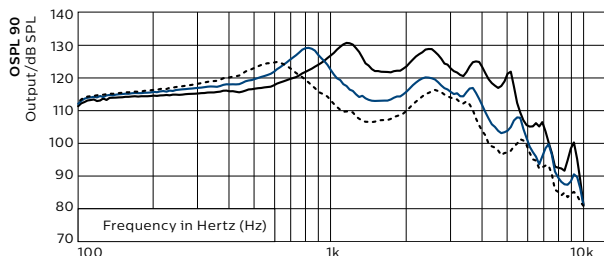
Devices must be running iOS 9.3 or later. For information on compatibility, please visit [www.hearingsolutions.philips.com](http://www.hearingsolutions.philips.com).

# HearLink 9010

HEB9010, BTE PP

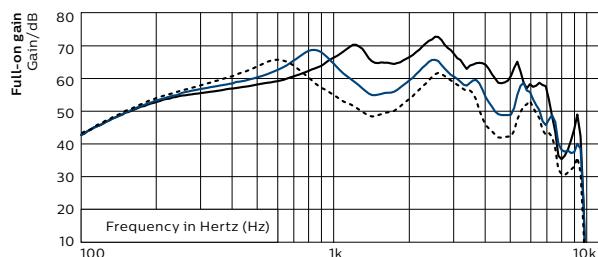
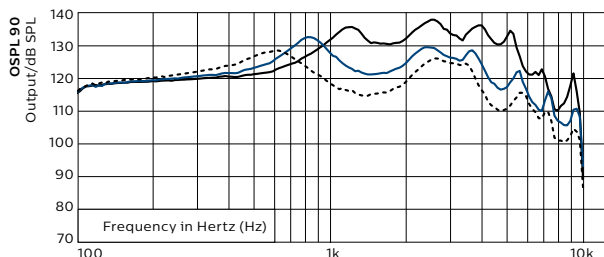
— Earhook    - Thin tube 1.3    ... Thin tube 0.9

## 2CC Coupler



	Earhook	Thin tube 1.3	Thin tube 0.9
OSPL90, Peak (dB SPL)	131	129	125
OSPL90, 1600 Hz (dB SPL)	122	113	107
OSPL90, HFA (dB SPL)	126	118	112
Full-on Gain, Peak (dB)	66	66	62
Full-on Gain, 1600 Hz (dB)	57	47	41
Full-on Gain, HFA (dB)	62	54	47
Reference Test Gain (dB)	50	43	36
Quiescent Current (mA)	1.6	1.6	1.6
Operating Current (mA)	1.9	2.0	2.0
Battery Size	13	13	13
Distortion 500/800/1600 Hz (%)	<4/<2/<2	<2/<2/<2	<2/<2/<2
Frequency Range (Hz)	100-5800	100-6700	100-6900
Equivalent Input Noise <sup>1)</sup> dB(A)	14	19	20
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	89	79	73
Telecoil HFA SPLITS (dB SPL)	107	99	93

## Ear Simulator



	Earhook	Thin tube 1.3	Thin tube 0.9
OSPL90, Peak (dB SPL)	138*	132*	128
OSPL90, 1600 Hz (dB SPL)	130	121	115
OSPL90, HFA (dB SPL)	-	-	-
Full-on Gain, Peak (dB)	73	69	66
Full-on Gain, 1600 Hz (dB)	65	56	49
Full-on Gain, HFA (dB)	-	-	-
Reference Test Gain (dB)	56	47	41
Quiescent Current (mA)	1.6	1.5	1.5
Operating Current (mA)	1.7	1.6	1.7
Battery Size	13	13	13
Distortion 500/800/1600 Hz (%)	<7/<4/<2	<3/<2/<2	<2/<2/<2
Frequency Range (Hz)	-	-	-
Equivalent Input Noise <sup>1)</sup> dB(A)	18	22	22
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	96	87	81
Telecoil HFA SPLITS (dB SPL)	-	-	-

<sup>1)</sup> 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.

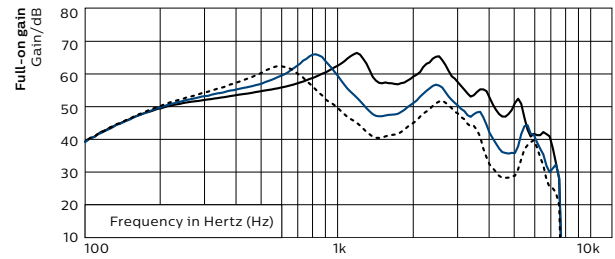
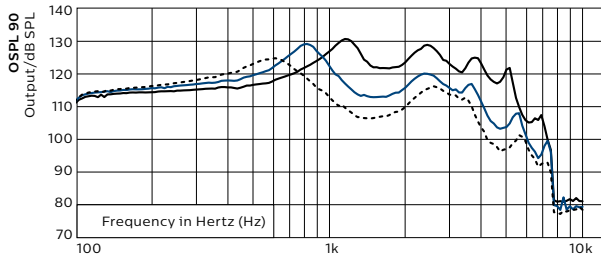
\* Special care should be taken when fitting and using a hearing instrument with maximum sound pressure capability in excess of 132 dB SPL (IEC 60318-4) since there may be a risk of impairing the remaining hearing of the hearing instrument user.

# HearLink 7010 | 5010 | 3000 | 2000

HEB7010, HEB5010, HEB3000, HEB2000, BTE PP

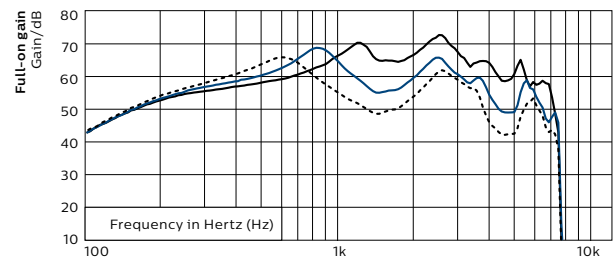
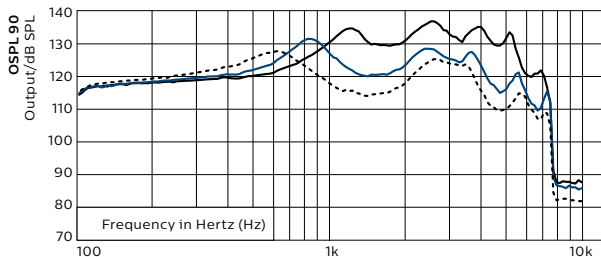
— Earhook    - Thin tube 1.3    ... Thin tube 0.9

## 2CC Coupler



	Earhook	Thin tube 1.3	Thin tube 0.9
OSPL90, Peak (dB SPL)	131	129	125
OSPL90, 1600 Hz (dB SPL)	122	113	107
OSPL90, HFA (dB SPL)	126	119	112
Full-on Gain, Peak (dB)	66	66	62
Full-on Gain, 1600 Hz (dB)	57	47	41
Full-on Gain, HFA (dB)	62	54	47
Reference Test Gain (dB)	50	43	36
Quiescent Current (mA)	1.6	1.6	1.6
Operating Current (mA)	1.9	2.0	2.0
Battery Size	13	13	13
Distortion 500/800/1600 Hz (%)	<4/<2/<2	<2/<2/<2	<2/<2/<2
Frequency Range (Hz)	100-5800	100-6700	100-6700
Equivalent Input Noise <sup>1)</sup> dB(A)	14	18	22
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	89	79	73
Telecoil HFA SPLITS (dB SPL)	106	100	93

## Ear Simulator



	Earhook	Thin tube 1.3	Thin tube 0.9
OSPL90, Peak (dB SPL)	138*	132*	128
OSPL90, 1600 Hz (dB SPL)	130	121	115
OSPL90, HFA (dB SPL)	-	-	-
Full-on Gain, Peak (dB)	73	69	66
Full-on Gain, 1600 Hz (dB)	65	56	50
Full-on Gain, HFA (dB)	-	-	-
Reference Test Gain (dB)	56	47	41
Quiescent Current (mA)	1.6	1.5	1.5
Operating Current (mA)	1.7	1.6	1.6
Battery Size	13	13	13
Distortion 500/800/1600 Hz (%)	<7/<4/<2	<3/<2/<2	<2/<2/<2
Frequency Range (Hz)	-	-	-
Equivalent Input Noise <sup>1)</sup> dB(A)	18	24	25
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	96	87	81
Telecoil HFA SPLITS (dB SPL)	-	-	-

<sup>1)</sup> 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.

# Feature overview

	HearLink 9010	HearLink 7010	HearLink 5010	HearLink 3000	HearLink 2000
<b>SoundMap Amplification</b>					
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	●	●	●	-	-
<b>SoundMap Noise Control</b>					
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	●	-
<b>SoundTie Connectivity and binaural coordination</b>					
2.4 GHz direct streaming	●	●	●	●	●
NFMI	●	●	●	●	●
Binaural Volume and Program Change	●	●	●	●	●
Binaural Noise Management	●	●	-	-	-
Non-Telephone Ear Control	●	●	●	●	●
<b>Programming options</b>					
General	●	●	●	●	●
Fitting bands	16	14	12	10	8
Environments	14	13	13	10	10
Manual listening programs	4	4	4	4	4
Concert	●	●	●	-	-
Airplane Program	●	-	-	-	-
Data Logging	●	●	●	●	●
Adaptation Manager	●	●	●	●	●

HearLink 9010|7010|5010|3000|2000 BTE PP 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



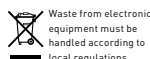
SBO Hearing A/S  
Kongebakken 9  
DK-2765 Smørum  
Denmark  
[www.hearingsolutions.philips.com](http://www.hearingsolutions.philips.com)



Apple, the Apple logo, iPhone, iPad, iPod touch, and Apple Watch are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Android, Google Play, and the Google Play logo are trademarks of Google LLC.

The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by William Demant Holding A/S is under license. Other trademarks and trade names are those of their respective owners.

CE 0543



Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V. and are used under license. This product has been manufactured by or for and is sold under the responsibility of SBO Hearing A/S, and SBO Hearing A/S is the warrantor in relation to this product.