

Specification guide

HearLink 9040 | 7040 | 5040 miniBTE T

HearLink miniBTE T is a behind-the-ear hearing instrument of the Philips HearLink family, suitable for slight to severe hearing losses. Powered by AI sound technology, the HearLink miniBTE T includes our most advanced audiological features in SoundMap 2 Plus. Thanks to updated Bluetooth® Low Energy, it directly connects to iOS (iPhone, iPad, iPod) and Android™ devices. The miniBTE T comes with the miniFit thin tube system, which includes a wide variety of domes and custom molds.

Earhook



miniFit 1.3 mm



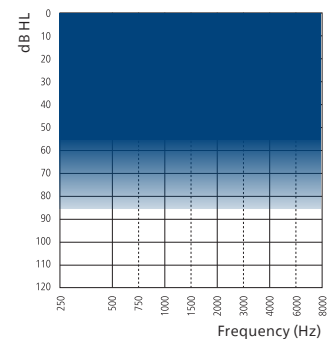
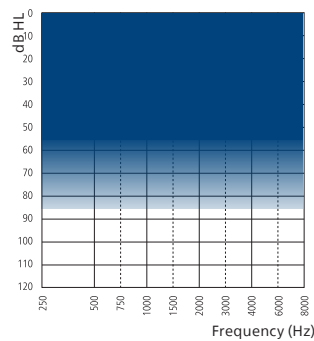
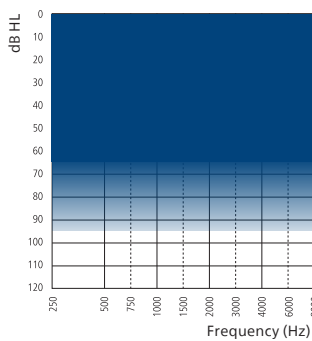
miniFit 0.9 mm



9040 | 7040 | 5040 MNB T
(HEB9043, HEB7043, HEB5043)

Made for
iPhone | iPad | iPod

Works with
android



Technical features

- Direct audio streaming (compatible with iOS and Android devices)
- Hands-free communication**
- 2.4 GHz Bluetooth® Low Energy
- NFMI (near-field magnetic induction)
- Single push button
- Telecoil
- miniFit thin tube
- Hydrophobic coating
- IP68 rated
- LED visual indicator

Accessories*

- Philips HearLink 2 app (compatible with iOS and Android devices)
- Philips Remote Control
- Philips TV Adapter
- Philips AudioClip
- Noahlink Wireless (wireless programming interface)

* Please refer to hearingsolutions.philips.com for additional information and support.

** Available from FW 1.0 with select iPhone and iPad models.

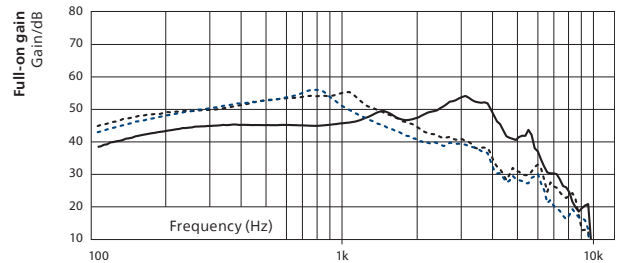
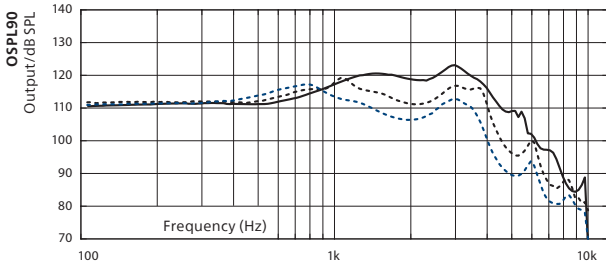
Philips HearLink is a Made for iPhone, iPad, iPod hearing aid. Direct Audio Streaming for Android devices requires Android 10 or later, Bluetooth® 5.0 and an implementation of Audio Streaming for Hearing Aids (ASHA) on the Android device. For information on compatibility, please visit hearingsolutions.philips.com/compatibility. Apple, the Apple logo, iPhone, iPad, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Demant A/S is under license. Other trademarks and trade names are those of their respective owners.

HearLink 9040

HEB9043 MNB T

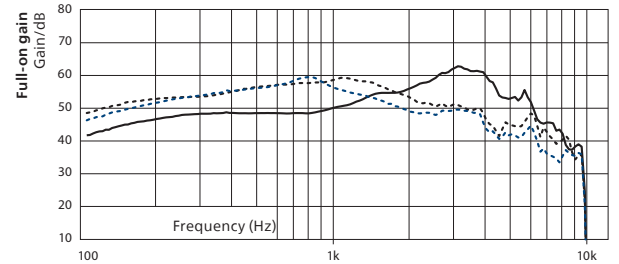
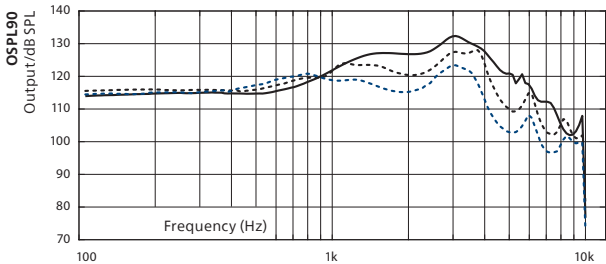
- Earhook ··· miniFit 1.3 mm ··· miniFit 0.9 mm

2CC Coupler



	Earhook	miniFit 1.3 mm	miniFit 0.9 mm
OSPL90, Peak (dB SPL)	123	119	117
OSPL90, 1600 Hz (dB SPL)	120	114	108
OSPL90, HFA (dB SPL)	119	115	110
Full-on gain, Peak (dB)	54	55	56
Full-on gain, 1600 Hz (dB)	48	48	44
Full-on gain, HFA (dB)	48	48	44
Reference test gain (dB)	42	37	34
Quiescent Current (mA)	1.9	1.9	1.9
Operating Current (mA)	2.0	1.9	2.0
Battery Size	312	312	312
Distortion 500/800/1600 Hz (%)	<4/<3/<2	<4/<2/<2	<2/<2/<2
Frequency Range	100-7300	100-6300	100-6800
Equivalent Input Noise (dB SPL) ¹	17	19	21
Telecoil 1 mA/m 1000 Hz, ANSI (dB SPL)	79	85	84
Telecoil HFA SPLITS (dB SPL)	100	97	91

Ear Simulator



	Earhook	miniFit 1.3 mm	miniFit 0.9 mm
OSPL90, Peak (dB SPL)	132	128	123
OSPL90, 1600 Hz (dB SPL)	127	123	116
OSPL90, HFA (dB SPL)	126	122	118
Full-on gain, Peak (dB)	63	59	59
Full-on gain, 1600 Hz (dB)	55	56	52
Full-on gain, HFA (dB)	55	55	52
Reference test gain (dB)	48	47	41
Quiescent Current (mA)	1.9	1.9	1.9
Operating Current (mA)	1.9	2.0	2.0
Battery Size	312	312	312
Distortion 500/800/1600 Hz (%)	<4/<4/<2	<5/<2/<2	<3/<2/<3
Frequency Range	100-9500	100-8800	100-9500
Equivalent Input Noise (dB SPL) ¹	18	15	19
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	86	88	87

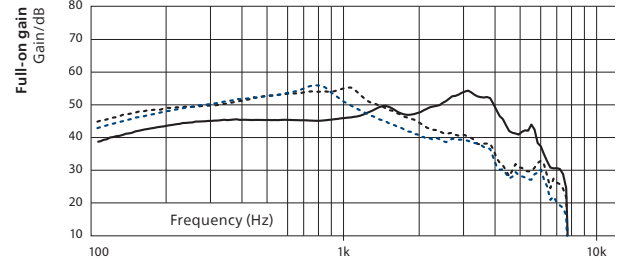
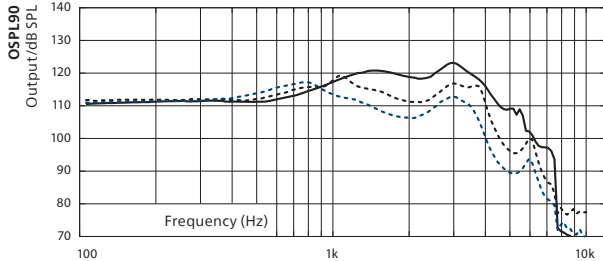
1) Technical data measured with expansion, corresponding to the test box measurement settings.
 "2cc" refers to a coupler according to IEC 60318-5:2006. "Ear simulator" refers to a coupler according to IEC 60318-4:2010.
 Applied versions: IEC 60118-0 /A1:1994, IEC 60118-1 /A1:1998, IEC 60118-7: 2005, ANSI S3.22: 2014, IEC 60118-0:2015.
 Full-on gain is measured with the gain control of the hearing instruments 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 7040 | 5040

HEB7043, HEB5043 MNB T

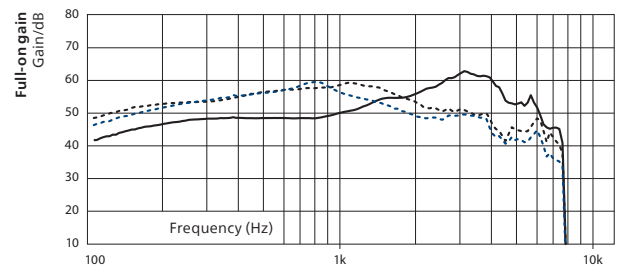
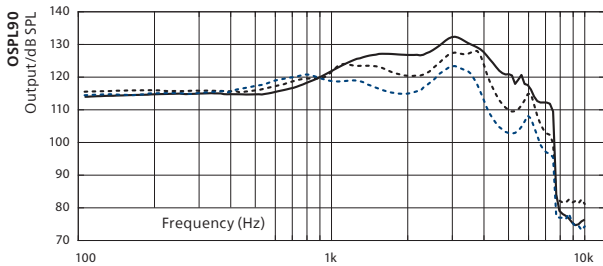
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Quiescent Current (mA)	1.9	1.9	1.9
Operating Current (mA)	1.9	2.0	2.0
Battery Size	312	312	312
Distortion 500/800/1600 Hz (%)	<4/<4/<2	<5/<2/<2	<3/<2/<3
Frequency Range	100-7500	100-7500	100-7500
Equivalent Input Noise (dB SPL) ¹	18	15	19
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	86	88	87

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 Full-on gain is measured with the gain control of the hearing instruments 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 9040	HearLink 7040	HearLink 5040
SoundMap 2 Plus			
Amplification			
Frequency Bandwidth	10 kHz	8 kHz	8 kHz
Extended Dynamic Range	•	•	-
Low Frequency Enhancement	•	•	•
Frequency Lowering	•	•	•
Comfort Control	4 options	2 options	-
Noise Control			
Speech Clarifier	3 options	2 options	-
Transition	4 options	3 options	2 options
Directionality			
Pinna Mode	2 options	2 options	•
Omni Directionality	•	•	•
Fixed Directional	•	•	•
Adaptive Directionality	•	•	•
Dynamic Directionality	3 options	2 options	•
AI Noise Reduction			
Noise Reduction Mode	4 options	4 options	3 options
Special Noise Management			
Soft Noise Management	•	•	•
SoundProtect Wind Noise Management	•	•	•
SoundProtect Transient Noise Reduction	6 options	5 options	4 options
Binaural Noise Management	•	•	-
Feedback Canceller			
Strength control	•	•	•
SoundTie 2			
iOS and Android direct streaming	•	•	•
Hands-free communication for iOS	•	•	•
Binaural coordination			
NFMI	•	•	•
Binaural Volume and Program Change	•	•	•
Non-Telephone Ear Control	•	•	•
Programming Options			
General	•	•	•
Fitting Bands	24	20	18
Environments	13	12	12
Manual Listening Programs	4	4	4
HiFi Music Program	•	•	•
Airplane Program	•	-	-
Data Logging	•	•	•
Connection Count	•	•	•
Audible Indicators & Notify Me	•	•	•
Adaptation Manager	•	•	•
CROS compatibility	•	•	•
Tinnitus SoundSupport	•	•	•

HearLink 9040|7040|5040 MNB T instruments can be programmed with HearSuite 2023.1 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.

Transportation

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

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

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Denmark

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IP68