PHILIPS

HearLink

EMRAH BÜKE YEMİNLİ MÜTERCİM

Teknik Özellik Kılavuzu
HearLink 9040 | 7040 | 5040 miniBTE T

HearLink miniBTE T, Philips HearLink ailesinin kulak arkası bir işitme cihazıdır, hafif dereceden ileri derecede işitme kayıplarına kadar uygundur. AI (Yapay Zeka) ses teknolojisi ile güçlendirilen HearLink miniBTE T, SoundMap 2 Plus içeriğindeki en gelişmiş odyolojik özelliklerimizi içerir. Güncellenen Bluetooth® Low Energy sayesinde, doğrudan iOS (iPhone, iPad, iPod) ve Android™ cihazlara bağlanır. miniBTE T, çok çeşitli kubbeler ve kişiye özel kalıpları içeren miniFit ince hortum sistemi ile birlikte sunulur.

Boynuz

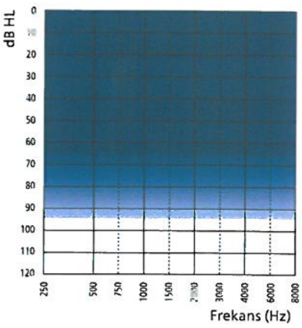
Minifit 1.3 mm

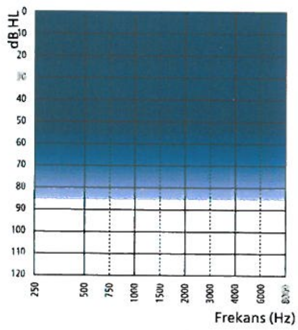
9040 | 7040 | 5040 MNB T
(HEB9043, HEB7043, HEB5043)

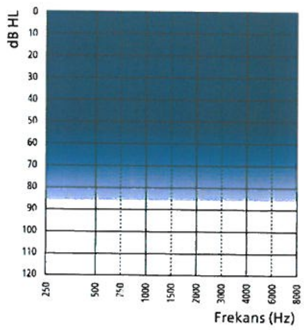
Minifit 0.9 mm

Made for iPhone | iPad | iPod

Works with android







Teknik Özellikler

- Doğrudan ses akışı (iOS ve Android ™ cihazlarla uyumlu)
- Hands-free iletişim**
- 2.4 GHz Bluetooth® Low Energy
- NFMI (yakın alan manyetik indüksiyon)
- Tek basma düğmesi
- Telecoil
- miniFit ince hortum
- Hidrofobik kaplama
- IP68 onaylı
- LED gösterge

Aksesuarlar*

- Philips HearLink 2 app (iOS ve Android cihazlarla uyumludur)
- Philips Uzaktan Kumanda
- Philips TV Adaptörü
- Philips AudioClip
- Noahlink Wireless (kablosuz programlama arayüzü)

Genel özellikler

- Dijital Programlanabilir
- Otomatik veya Manuel Ses Seviyesi Kontrolü
- Maksimum Çıkış Kontrol Sistemi
- MPO-Maksimum Güç Çıkışı
- GC-Kazanç Kontrolü
- AGC-Otomatik Kazanç Kontrolü
- Gürültü Azaltma
- FeedbackYönetimi
- Çift Mikrofon
- FM uyumlu (Telecoil ile)
- 4 Program
- 64 Kanala kadar***

* Daha fazla bilgi ve destek için lütfen hearingsolutions.philips.com adresine başvurun.
** FW 1.0'ten itibaren seçili iPhone ve iPad modellerinde mevcuttur.
*** HearLink 9040: 64 kanal, HearLink 7040&5040: 48 kanal.

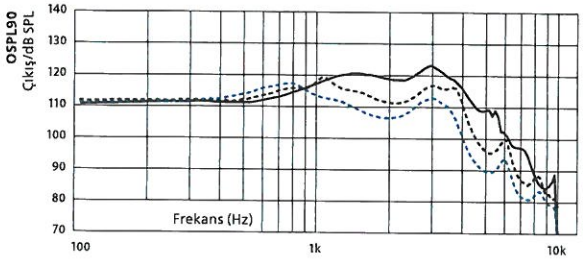
UYARI: Bu ekipman üzerinde herhangi bir değişiklik yapılmasına izin verilmemektedir.

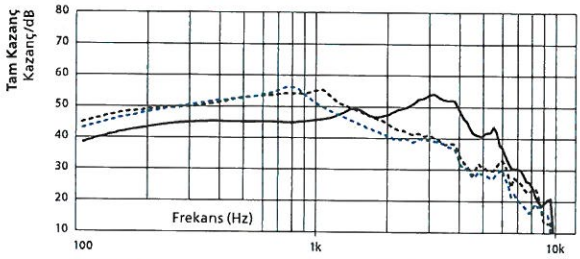
HearLink 9040

HEB9043 MNB T

– Boynuz ··· Minifit 1.3 MM ··· Minifit 0.9 MM

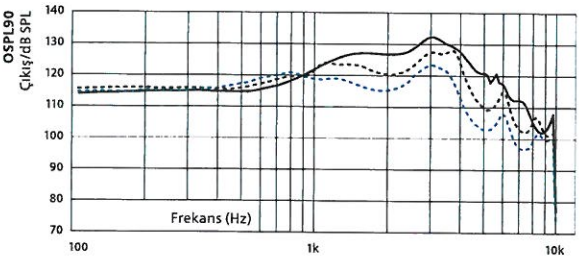
2CC Coupler

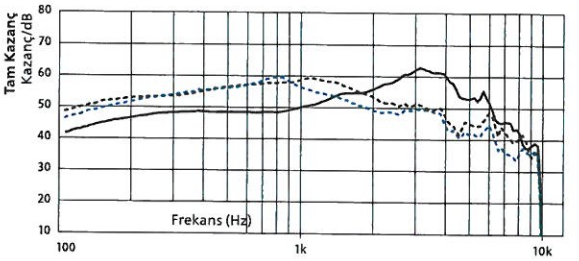




	Boynuz	Minifit 1.3 mm	Minifit 0.9 mm
OSPL90, Tepe (dB SPL)	123	119	117
OSPL90, 1600 Hz (dB SPL)	120	114	108
OSPL90, HFA (dB SPL)	119	115	110
Tam Kazanç, Tepe (dB)	54	55	56
Tam Kazanç, 1600 Hz (dB)	48	48	44
Tam Kazanç, HFA (dB)	48	48	44
Referans test kazancı (dB)	42	37	34
Durağan akım (mA)	1.9	1.9	1.9
Çalışma akımı (mA)	2.0	1.9	2.0
Pil	312	312	312
Distorsion 500/800/1600 Hz (%)	<4/<3/<2	<4/<2/<2	<2/<2/<2
Frekans aralığı (Hz)	100-7300	100-6300	100-6800
Eşdeğer Girdi Gürültüsü (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

Kulak Simülatörü





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Tam Kazanç, Tepe (dB)	63	59	59
Tam Kazanç, 1600 Hz (dB)	55	56	52
Tam Kazanç, HFA (dB)	55	55	52
Referans test kazancı (dB)	48	47	41
Durağan akım (mA)	1.9	1.9	1.9
Çalışma akımı (mA)	1.9	2.0	2.0
Pil	312	312	312
Distorsion 500/800/1600 Hz (%)	<4/<4/<2	<5/<2/<2	<3/<2/<3
Frekans aralığı (Hz)	100-9500	100-8800	100-9500
Eşdeğer Girdi Gürültüsü (dB SPL)[1]	18	15	19
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	86	88	87

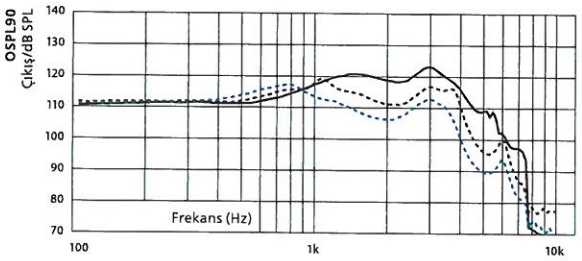
1) Test kutusu ölçüm ayarlarına göre, teknik veriler geniş kapsamda ölçülmüştür.
IEC 60318-5:2006 'ya uygun bir "2cc" coupler'e göredir. "Kulak simülatörü", IEC 60318-4:2010'a uygun bir coupler'e göredir.
Uygulanan versiyonlar: IEC 60118-0 /A1:1994, IEC 60118-1 /A1:1998, IEC 60118-7: 2005, ANSI S3.22: 2014, IEC 60118-0:2015.
Tam kazanç, işitme cihazlarının kazanç kontrol ayarının tamamen açık olduğu durumdan eksi 20 dB ayarına göre ve 70 dB'lik bir SPL girdisiyle ölçülmüştür.
Bu, ör. IEC 60118-0+A1:1994'ten, feedback etkisi olmadan tam kazanca eşdeğer bir kazanç tepkisi elde etmek içindir.

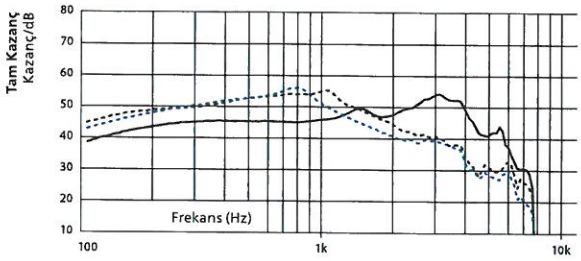
HearLink 7040 | 5040

HEB7043, HEB5043 MNB T

– Boynuz ··· Minifit 1.3 MM ··· Minifit 0.9 MM

2CC Coupler





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Pil	312	312	312
Distorsion 500/800/1600 Hz (%)	<4/<3/<2	<4/<2/<2	<2/<2/<2
Frekans aralığı (Hz)	100-7300	100-6300	100-6800
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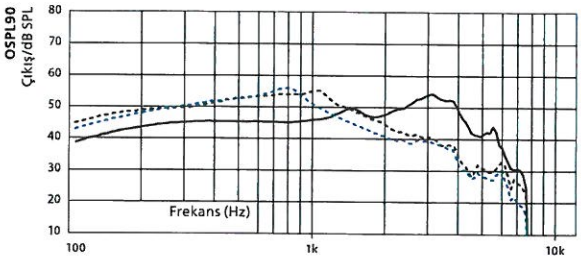

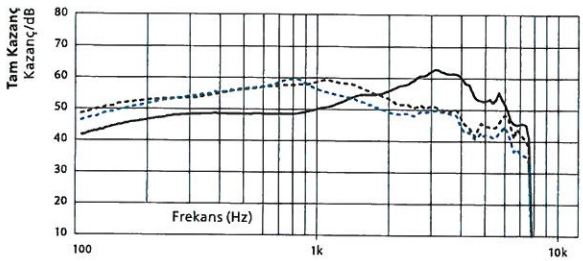

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Durağan akım (mA)	1.9	1.9	1.9
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Pil	312	312	312
Distorsion 500/800/1600 Hz (%)	<4/<4/<2	<5/<2/<2	<3/<2/<3
Frekans aralığı (Hz)	100-7500	100-7500	100-7500
Eşdeğer Girdi Gürültüsü (dB SPL)[1]	18	15	19
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	86	88	87

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263982TR / 2022.11.25 / v1

Özellikler

	HearLink 9040	HearLink 7040	HearLink 5040
SoundMap 2 Plus			
Amplifikasyon			
Frekans Bant Genişliği	10 kHz	8 kHz	8 kHz
Genişletilmiş Dinamik Aralık	•	•	-
Düşük Frekans Netleştirmesi	•	•	•
Frekans düşürme	•	•	•
Konfor Kontrolü	4 Seçenek	2 Seçenek	-
Gürültü Kontrolü			
Konuşma Netleştirici	3 Seçenek	2 Seçenek	-
Geçiş	4 Seçenek	3 Seçenek	2 Seçenek
Direksiyonalite			
Pinna Mode	2 Seçenek	2 Seçenek	•
Omni Yönlülük	•	•	•
Sabit Yönlü	•	•	•
Adaptif Direksiyonalite	•	•	•
Dinamik Direksiyonalite	3 Seçenek	2 Seçenek	•
AI Gürültü Azaltma			
Gürültü Azaltma Modu	4 Seçenek	4 Seçenek	3 Seçenek
Spesifik Gürültü Yönetimi			
Yumuşak Gürültü Yönetimi	•	•	•
SoundProtect Rüzgar Gürültüsü Yönetimi	•	•	•
SoundProtect Geçici Gürültü Azaltma	6 Seçenek	5 Seçenek	4 Seçenek
Çift Taraflı Gürültü Yönetimi	•	•	-
Feedback Canceller			
Güç Kontrolü	•	•	•
SoundTie 2			
iOS ve Android doğrudan akış	•	•	•
iOS için Hands-free iletişim	•	•	•
Binaural koordinasyon			
NFMI	•	•	•
Binaural Ses ve Program Değişimi	•	•	•
Telefonsuz Kulak Kontrolü	•	•	•
Programlama seçenekleri			
Genel	•	•	•
Uygulama Bantları	24	20	18
Ortamlar	13	12	12
Manuel dinleme programları	4	4	4
HiFi Music	•	•	•
Uçak Programı	•	-	-
Veri kaydı	•	•	•
Bağlantı Sayısı	•	•	•
Sesli Bildirimler&Beni Uyar	•	•	•
Adaptasyon Yönetimi	•	•	•
CROS uyumluluk	•	•	•
Tinnitus SoundSupport	•	•	•

HearLink 9040|7040|5040 MNB T cihazları HearSuite 2023.1 veya üstü ile programlanabilir.

Çalışma Koşulları
Sıcaklık: +1°C ile +40°C (34°F ile 104°F)
Nem: %5 ile %93 bağıl nem, yoğuşmasız
Atmosfer basıncı: 700 hPa ile 1060 hPa

Saklama ve taşıma koşulları
Sıcaklık ve nem, taşıma ve depolama sürecinde aşağıdaki sınırları uzun süreler için aşmamalıdır.

Taşıma
Sıcaklığı: -25°C ile +60°C (-13°F ile 140°F)
Nem: %5 ile %93 bağıl nem, yoğuşmasız
Atmosfer basıncı: 700 hPa ile 1060 hPa

Saklama
Sıcaklığı: -25°C ile +60°C (-13°F ile 140°F)
Nem: %5 ile %93 bağıl nem, yoğuşmasız
Atmosfer basıncı: 700 hPa ile 1060 hPa

SBO Hearing A/S
Kongebakken 9
DK-2765 Smørum
Danimarka
hearingsolutions.philips.com

IP68

PHILIPS

HearLink

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

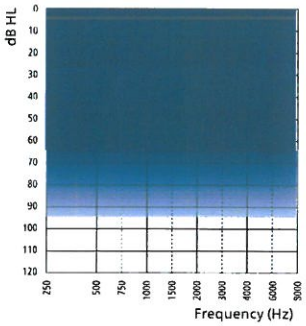
miniFit 1.3 mm

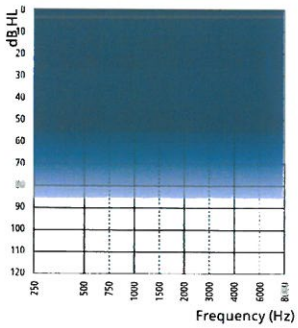
9040|7040|5040 MNB T
(HEB9043, HEB7043, HEB5043)

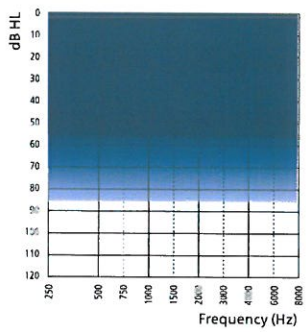
miniFit 0.9 mm

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)

General features

- Digital Programmable
- Automatic or Manual Volume Control
- Maximum Output Control System
- MPO-Maximum Power Output
- GC-Gain Control
- AGC-Automatic Gain Control
- Noise Reduction
- Feedback Management
- Dual Microphone
- FM Compatible (with Telecoil)
- 4 Programs
- Up to 64 Channels***

* Please refer to hearingsolutions.philips.com for additional information and support.
** Available from FW 1.0 with select iPhone and iPad models.
*** HearLink 9040: 64 channels, HearLink 7040&5040: 48 channels

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.

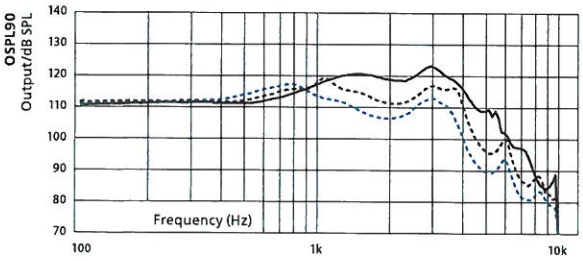
WARNING: No modification of this equipment is allowed.

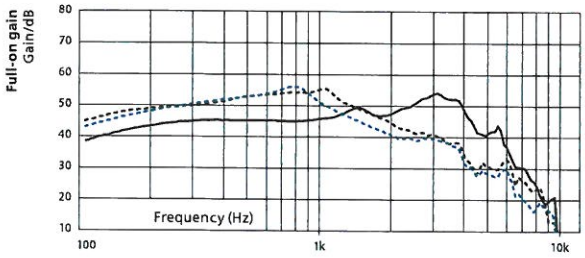
HearLink 9040

HEB9043 MNB T

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

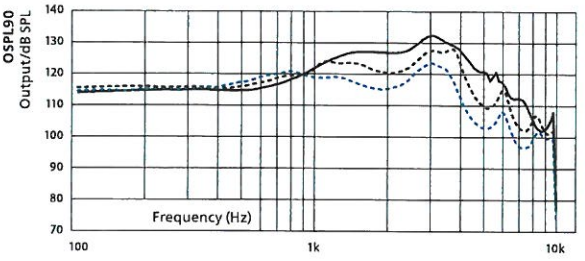
2CC Coupler

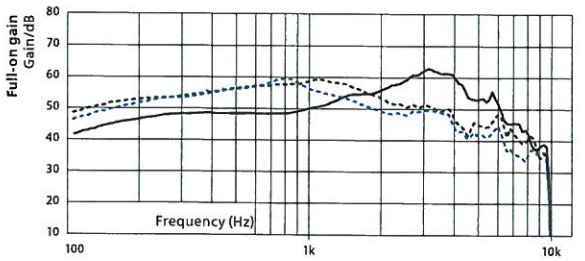




	Earhook	miniFit 1.3 mm	miniFit 0.9 mm
OSPL90, Peak (dB SPL)	123	119	117
OSPL90, 1600 Hz (dB SPL)	120	114	108
OSPL90, HFA (dB SPL)	119	115	110
Full-on gain, Peak (dB)	54	55	56
Full-on gain, 1600 Hz (dB)	48	48	44
Full-on gain, HFA (dB)	48	48	44
Reference test gain (dB)	42	37	34
Quiescent Current (mA)	1.9	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





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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

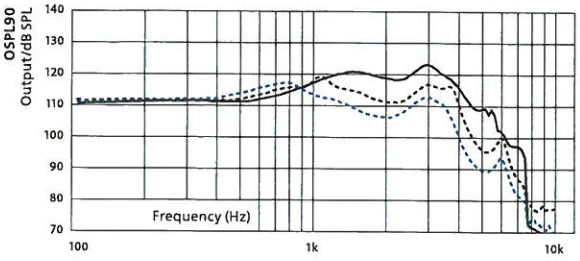
1) Technical data measured with expansion, corresponding to the test box measurement settings.
"2cc" refers to a coupler according to IEC 60318-5:2006. "Ear simulator" refers to a coupler according to IEC 60318-4:2010.
Applied versions: IEC 60118-0 /A1:1994, IEC 60118-1 /A1:1998, IEC 60118-7: 2005, ANSI 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.

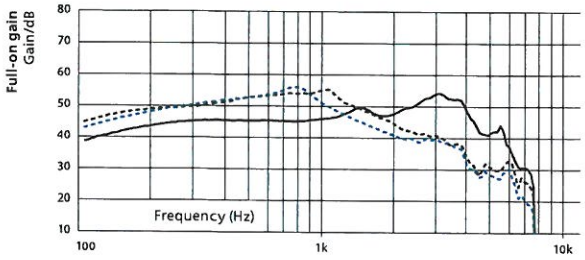
HearLink 7040 | 5040

HEB7043, HEB5043 MNB T

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

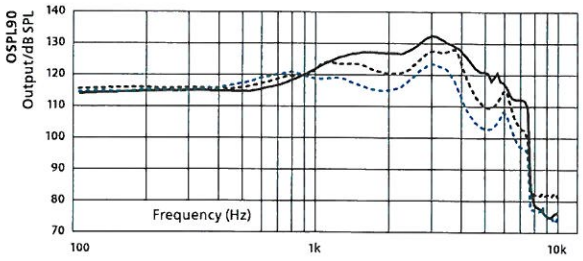
2CC Coupler

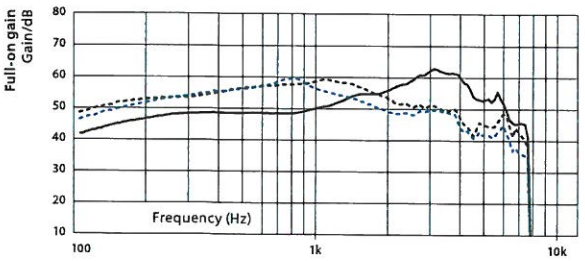




	Earhook	miniFit 1.3 mm	miniFit 0.9 mm
OSPL90, Peak (dB SPL)	123	119	117
OSPL90, 1600 Hz (dB SPL)	121	114	108
OSPL90, HFA (dB SPL)	119	115	110
Full-on gain, Peak (dB)	54	55	56
Full-on gain, 1600 Hz (dB)	48	48	44
Full-on gain, HFA (dB)	48	48	44
Reference test gain (dB)	42	37	34
Quiescent Current (mA)	1.9	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	100-7500	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

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.

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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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