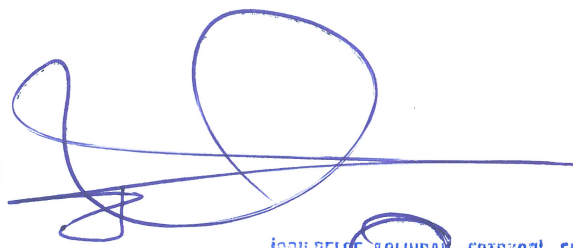


PHILIPS

HearLink



İSİDÜ BELGE ASLINDAN - FOTOKOPİ - FAX, METNİNDEN
TARAFINDAN İNGİLİZCE'DEN TÜRKÇE'YE GEVİRİLMİŞTİR
EMRAH BÜKE YEMİNLİ MÜTERCİM



Teknik Özellik Kılavuzu

HearLink 9030 | 7030 | 5030 | 3030 | 2030 MNR T

HearLink miniRITE T, Philips HearLink ailesinin hoparlörü kulak içinde olan bir işitme cihazıdır ve hafiften ileri dereceye kadar olan işitme kayıplarına uygundur. AI ses teknolojisiyle desteklenen HearLink miniRITE T, SoundMap 2'deki en gelişmiş odyolojik özelliklerimizi içerir. Güncellenmiş Bluetooth® Low Energy (BLE) sayesinde, doğrudan iOS (iPhone®, iPad®, iPod®) ve Android™ cihazlarına bağlanır. miniRITE T, dört güç seviyesi ve çok çeşitli kubbeler ve özel kalıplar içeren miniFit hoparlör sistemi ile birlikte gelir.

60-Hoparlör



85-Hoparlör



100-Hoparlör



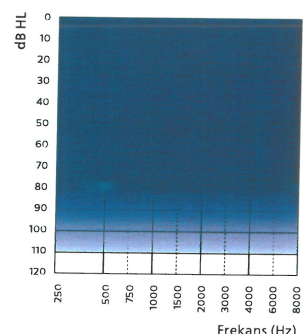
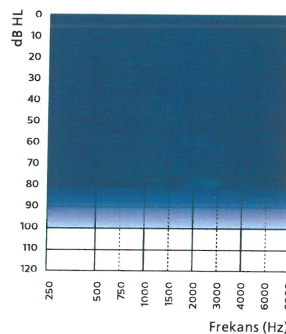
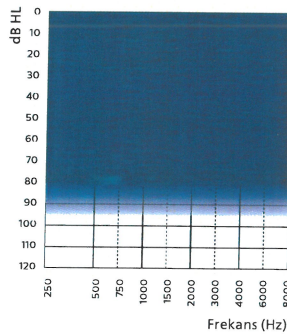
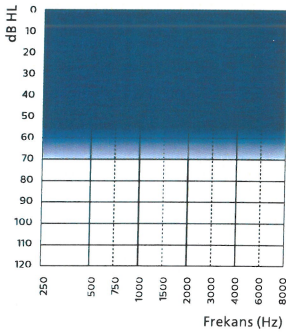
105-Hoparlör



9030 | 7030 | 5030 | 3030 | 2030 MNR T
(HER9031, HER7031, HER5031, HER3031, HER2031)

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 indüksiyonu)
- Çift Program Düğmesi
- Telecoil
- miniFit hoparlörler
- Hidrofobik kaplama
- IP68 onaylı
- LED görsel gösterge

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*

Aksesuarlar

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

Daha fazla bilgi ve destek için lütfen hearingsolutions.philips.com adresine başvurun.

* HearLink 9030: 64 kanal, HearLink 7030&5030&3030&2030: 48 kanal

**Seçili iPhone modelleri ile FW 1.3 sürümünden itibaren sunulur.

Philips HearLink, Made for iPhone®, iPad®, iPod® işitme cihazıdır. Android cihazlar için doğrudan ses akışı, Android 10 veya üstü, Bluetooth® 5.0 ve Android cihazda işitme cihazları için Ses Akışı (ASHA) uyumunu gerektirir. Uyumluluk hakkında bilgi için lütfen hearingsolutions.philips.com/compatibility adresini ziyaret edin.

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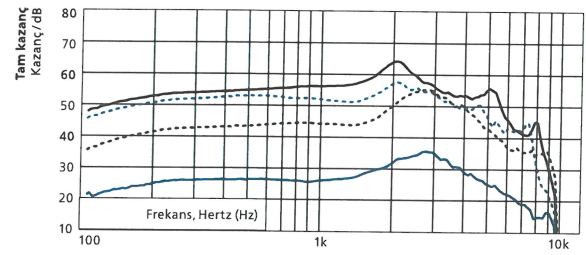
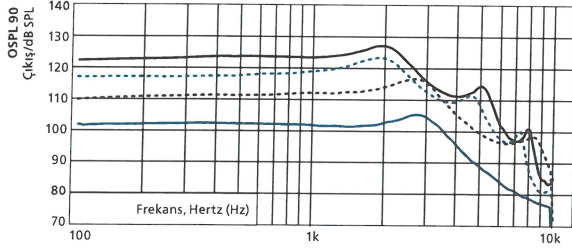
Bluetooth® kelimesinin marka ve logoları Bluetooth SIG, Inc. bünyesindeki tescilli ticari markalardır ve Demant A/S tarafından bu tür markaların kullanımı lisansa tabidir. Diğer ticari markalar ve ticari adlar ilgili sahiplerinin ticari markaları ve ticari adlarıdır.

HearLink 9030

HER9031, MNR T

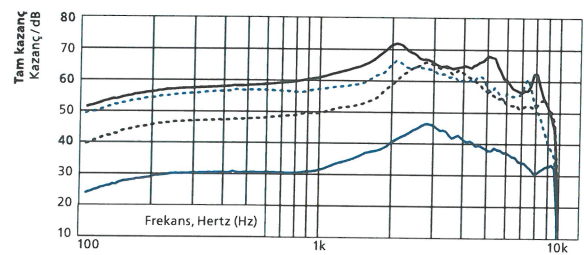
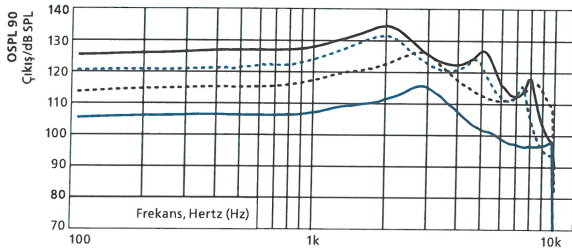
— 60-Hoparlör — 85-Hoparlör — 100-Hoparlör — 105-Hoparlör

2CC Coupler



	60-Hoparlör	85-Hoparlör	100-Hoparlör	105-Hoparlör
OSPL90, Maks. (dB SPL)	105	117	123	127
OSPL90, 1600 Hz (dB SPL)	102	113	122	126
OSPL90, HFA (dB SPL)	103	114	119	123
Tam Kazanç, Maks. (dB)	36	55	57	64
Tam Kazanç, 1600 Hz (dB)	29	45	53	59
Tam Kazanç, HFA (dB)	30	48	53	58
Referans Test Kazancı (dB)	26	37	42	47
Durağan Akım (mA)	2,2	2,2	2,2	2,2
Çalışma Akımı (mA)	2,2	2,4	2,4	2,4
Pil Numarası	312	312	312	312
Bozulma 500/800/1600 Hz (%)	<2/<2/<2	<2/<2/<2	<2/<2/<2	<2/<2/<2
Frekans Aralığı (Hz)	100-9400	100-8900	100-7500	100-7900
Eşdeğer Giriş Gürültüsü ¹⁾ (dB SPL)	16	17	16	16
Telecoil 1 mA/m 1000 Hz, ANSI (dB SPL)	58	76	85	87
Telecoil HFA SPLITS (dB SPL)	85	96	101	106

Kulak Simülatörü



	60-Hoparlör	85-Hoparlör	100-Hoparlör	105-Hoparlör
OSPL90, Maks. (dB SPL)	116	127	132*	135*
OSPL90, 1600 Hz (dB SPL)	110	121	130	133*
OSPL90, HFA (dB SPL)	111	122	127	131
Tam Kazanç, Maks. (dB)	46	66	66	72
Tam Kazanç, 1600 Hz (dB)	37	53	60	66
Tam Kazanç, HFA (dB)	38	56	61	65
Referans Test Kazancı (dB)	30	46	53	58
Durağan Akım (mA)	2,2	2,2	2,2	2,2
Çalışma Akımı (mA)	2,3	2,4	2,2	2,3
Pil Numarası	312	312	312	312
Bozulma 500/800/1600 Hz (%)	<2/<3/<2	<2/<4/<5	<9/<6/<3	<4/<4/<4
Frekans Aralığı (Hz)	100-9600	100-9500	100-8900	100-9100
Eşdeğer Giriş Gürültüsü ¹⁾ (dB SPL)	18	21	17	15
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	68	84	91	96

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 kazanç eşdeğer bir kazanç tepkisi elde etmek içindir.

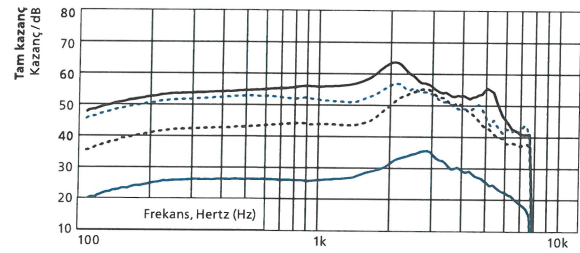
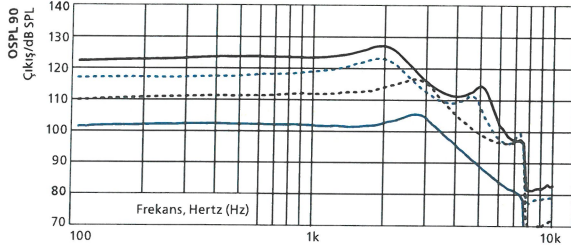
* Uyarı: İşitme cihazı kullanıcısının geri kalan işitme duyusuna zarar verebilme riski bulunduğundan dolayı, maksimum ses basınç kapasitesi 132 dB SPL'yi (IEC 60318-4) aşan bir işitme cihazı uygulanırken veya kullanılırken özel bir özen gösterilmelidir.

HearLink 7030 | 5030 | 3030 | 2030

HER7031, HER5031, HER3031, HER2031 MNR T

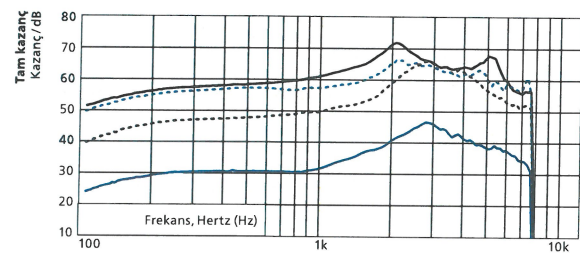
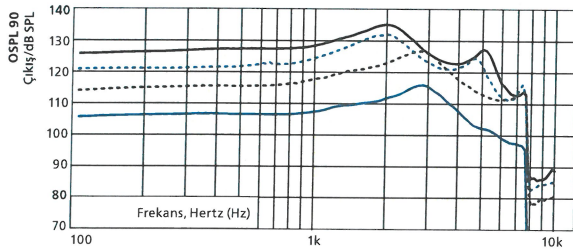
— 60-Hoparlör — 85-Hoparlör — 100-Hoparlör — 105-Hoparlör

2CC Coupler



	60-Hoparlör	85-Hoparlör	100-Hoparlör	105-Hoparlör
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Çalışma Akımı (mA)	2,2	2,4	2,3	2,4
Pil Numarası	312	312	312	312
Bozulma 500/800/1600 Hz (%)	<2/<2/<2	<2/<2/<2	<2/<2/<2	<2/<2/<2
Frekans Aralığı (Hz)	100-7500	100-7500	100-7500	100-7500
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Frekans Aralığı (Hz)	100-7500	100-7500	100-7500	100-7500
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Özelliklere genel bakış

İŞBİ BELGE ASLINDAN - FOTOKOPİ - FAX METNİNDEN
TARAFINDAN İNGİLİZCE'DEN TÜRKÇE'YE DÖVRÜLMÜŞTÜR
EMRAH BÜKE YEMİNLİ MÜTERCİM

HearLink 9030 HearLink 7030 HearLink 5030 HearLink 3030 HearLink 2030

SoundMap 2

Amplifikasyon

Frekans bant genişliği	10 kHz	8 kHz	8 kHz	8 kHz	8 kHz
Genişletilmiş Dinamik Aralık	•	•	–	–	–
Düşük Frekans Netleştirme	•	•	•	•	•
Frequency Lowering	•	•	•	•	•
Konfor Kontrolü	4 seçenek	2 seçenek	–	–	–

Gürültü Kontrolü

Konuşma Netleştirici	3 seçenek	2 seçenek	–	–	–
Geçiş	4 seçenek	3 seçenek	2 seçenek	•	•

Direksiyonalite

Pinna	2 seçenek	2 seçenek	•	•	•
Sabit Yönlü	•	•	•	•	•
Adaptif Direksiyonalite	•	•	•	•	•
Dinamik Direksiyonalite	3 seçenek	2 seçenek	•	•	–

AI Gürültü Azaltma

Gürültü Azaltma Modu	4 seçenek	4 seçenek	3 seçenek	3 seçenek	2 seçenek
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Spesifik Gürültü Yönetimi

Yumuşak Gürültü Yönetimi	•	•	•	•	•
Rüzgar Gürültüsü Yönetimi	•	•	•	•	•
Geçici Gürültü Azaltma	4 seçenek	3 seçenek	3 seçenek	2 seçenek	–
Çift Taraflı Gürültü Yönetimi	•	•	–	–	–

Feedback Canceller

Güç Kontrolü	•	•	•	•	•
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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	14	12
Ortamlar	13	12	12	10	8
Manuel dinleme programları	4	4	4	4	4
HiFi Music	•	•	•	•	–
Uçak	•	–	–	–	–
Veri Kaydı	•	•	•	•	•
Adaptasyon Yöneticisi	•	•	•	•	•
CROS uyumluluk	•	•	•	•	•

HearLink 9030|7030|5030|3030|2030 MNR T cihazları HearSuite 2022.1.0 veya üzeri ile programlanabilir

Çalıştırma koşulları

Sıcaklık: +1 °C ile +40 °C (34°F ile 104°F)
Nem: %5 ile %93, yoğunlaşmamış
Atmosfer basıncı: 700 hPa ile 1060 hPa

Saklama ve taşıma koşulları

Sıcaklık ve nem, uzun süreli taşıma ve saklama sırasında aşağıdaki sınırları aşmamalıdır

Taşıma:

Sıcaklık: -25 °C ile +60 °C (-13°F ile 140°F)
Bağıl nem: %5 ile %93, yoğunlaşmamış
Atmosfer basıncı: 700 hPa ile 1060 hPa

Saklama:

Sıcaklık: -25 °C ile +60 °C (-13°F ile 140°F)
Bağıl nem: %5 ile %93, yoğunlaşmamış
Atmosfer basıncı: 700 hPa ile 1060 hPa



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



IP68

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PHILIPS

HearLink

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TARAFINDAN İNGİLİZCE'DEN TÜRKÇE'YE DÖNÜŞTÜRÜLMÜŞTÜR
EMRAH BUKE YEMİNLİ MÜTERCİ

Specification guide

HearLink 9030 | 7030 | 5030 | 3030 | 2030 miniRITE T

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

Speaker 60



Speaker 85



Speaker 100



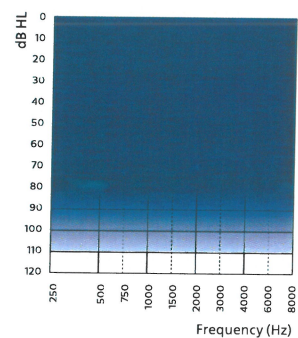
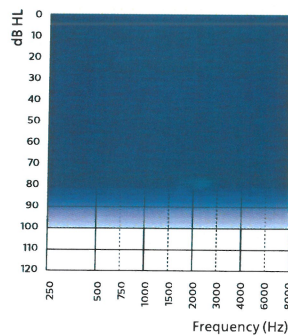
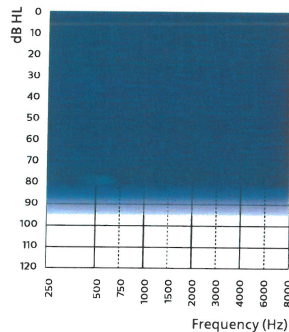
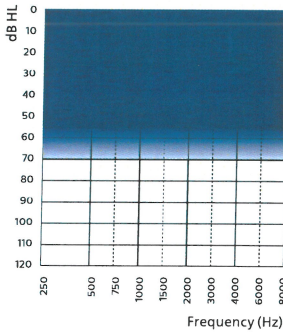
Speaker 105



9030 | 7030 | 5030 | 3030 | 2030 MNR T
(HER9031, HER7031, HER5031, HER3031, HER2031)

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)
- Double push button
- Telecoil
- miniFit speakers
- Hydrophobic coating
- IP68 rated
- LED visual indicator

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*

Accessories

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

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

* HearLink 9030: 64 channels, HearLink 7030&5030&3030&2030: 48 channels

** Available from FW 1.3 with selected iPhone 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.

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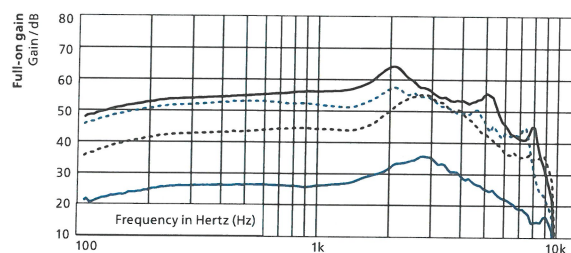
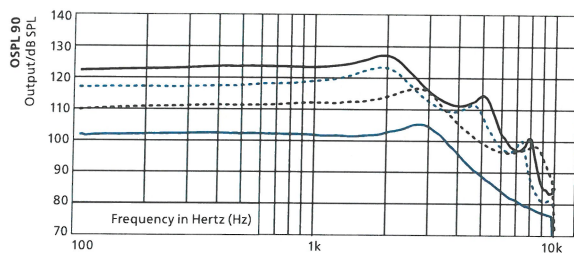
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HearLink 9030

HER 9031, MNR T

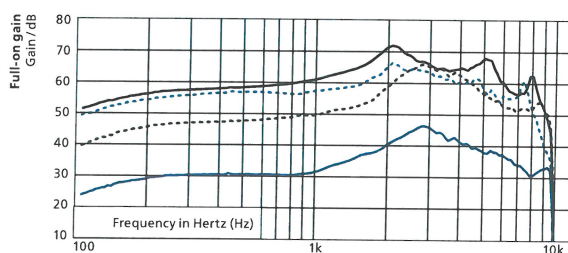
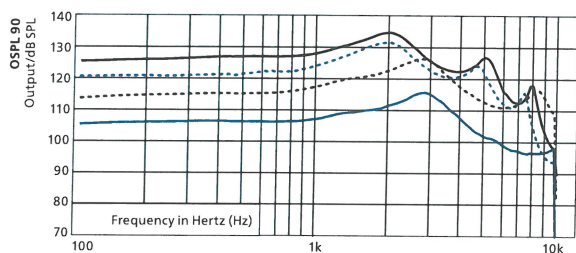
— Speaker 60 ... Speaker 85 ... Speaker 100 — Speaker 105

2CC Coupler



	Speaker 60	Speaker 85	Speaker 100	Speaker 105
OSPL90, Peak (dB SPL)	105	117	123	127
OSPL90, 1600 Hz (dB SPL)	102	113	122	126
OSPL90, HFA (dB SPL)	103	114	119	123
Full-on Gain, Peak (dB)	36	55	57	64
Full-on Gain, 1600 Hz (dB)	29	45	53	59
Full-on Gain, HFA (dB)	30	48	53	58
Reference Test Gain (dB)	26	37	42	47
Quiescent Current (mA)	2.2	2.2	2.2	2.2
Operating Current (mA)	2.2	2.4	2.4	2.4
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)	100-9400	100-8900	100-7500	100-7900
Equivalent Input Noise ¹⁾ (dB SPL)	16	17	16	16
Telecoil 1 mA/m 1000 Hz, ANSI (dB SPL)	58	76	85	87
Telecoil HFA SPLITS (dB SPL)	85	96	101	106

Ear Simulator



	Speaker 60	Speaker 85	Speaker 100	Speaker 105
OSPL90, Peak (dB SPL)	116	127	132*	135*
OSPL90, 1600 Hz (dB SPL)	110	121	130	133*
OSPL90, HFA (dB SPL)	111	122	127	131
Full-on Gain, Peak (dB)	46	66	66	72
Full-on Gain, 1600 Hz (dB)	37	53	60	66
Full-on Gain, HFA (dB)	38	56	61	65
Reference Test Gain (dB)	30	46	53	58
Quiescent Current (mA)	2.2	2.2	2.2	2.2
Operating Current (mA)	2.3	2.4	2.2	2.3
Battery Size	312	312	312	312
Distortion 500/800/1600 Hz (%)	<2/<3/<2	<2/<4/<5	<9/<6/<3	<4/<4/<4
Frequency Range (Hz)	100-9600	100-9500	100-8900	100-9100
Equivalent Input Noise ¹⁾ (dB SPL)	18	21	17	15
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	68	84	91	96

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.

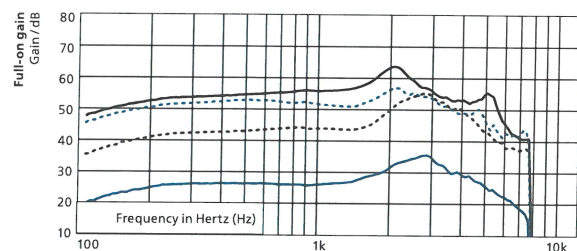
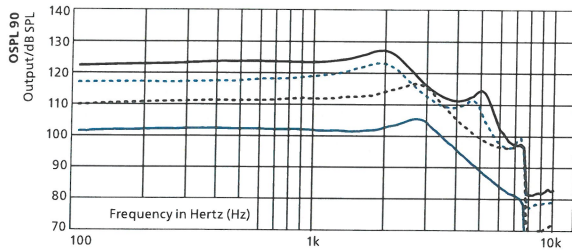
* **Warning:** Special care should be taken when fitting and using a hearing instrument with maximum sound pressure capability in excess of 132 dB SPL (IEC 60318-4) since there may be a risk of impairing the remaining hearing of the hearing instrument user.

HearLink 7030 | 5030 | 3030 | 2030

HER7031, HER5031, HER3031, HER2031 MNR T

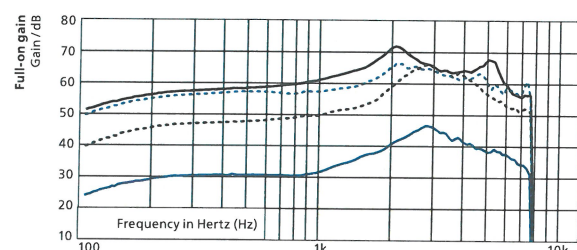
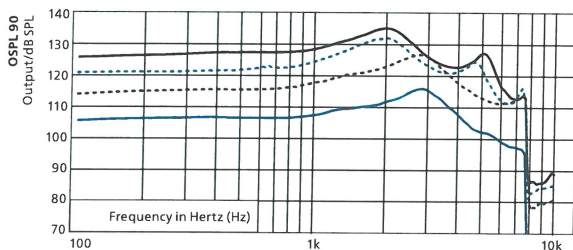
— Speaker 60 ... Speaker 85 ... Speaker 100 — Speaker 105

2CC Coupler



	Speaker 60	Speaker 85	Speaker 100	Speaker 105
OSPL90, Peak (dB SPL)	105	117	123	127
OSPL90, 1600 Hz (dB SPL)	102	113	122	126
OSPL90, HFA (dB SPL)	103	114	119	123
Full-on Gain, Peak (dB)	36	55	57	64
Full-on Gain, 1600 Hz (dB)	29	45	53	59
Full-on Gain, HFA (dB)	30	48	53	58
Reference Test Gain (dB)	26	37	42	47
Quiescent Current (mA)	2.2	2.2	2.2	2.2
Operating Current (mA)	2.2	2.4	2.3	2.4
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)	100-7500	100-7500	100-7500	100-7500
Equivalent Input Noise ¹⁾ (dB SPL)	16	17	16	16
Telecoil 1 mA/m 1000 Hz, ANSI (dB SPL)	58	77	85	88
Telecoil HFA SPLITS (dB SPL)	85	96	101	106

Ear Simulator



	Speaker 60	Speaker 85	Speaker 100	Speaker 105
OSPL90, Peak (dB SPL)	116	127	132*	135*
OSPL90, 1600 Hz (dB SPL)	110	121	130	133*
OSPL90, HFA (dB SPL)	111	122	127	131
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Full-on Gain, HFA (dB)	38	56	61	65
Reference Test Gain (dB)	30	46	53	58
Quiescent Current (mA)	2.2	2.2	2.2	2.2
Operating Current (mA)	2.2	2.3	2.2	2.3
Battery Size	312	312	312	312
Distortion 500/800/1600 Hz (%)	<2/<3/<2	<2/<4/<5	<9/<6/<3	<4/<4/<4
Frequency Range (Hz)	100-7500	100-7500	100-7500	100-7500
Equivalent Input Noise ¹⁾ (dB SPL)	18	21	16	15
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	68	84	91	96

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

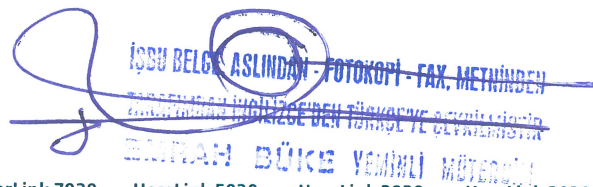
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Applied versions: IEC 60118-0 /A1:1994, IEC 60118-1 /A1:1998, IEC 60118-7: 2005, ANSI S3.22: 2014, IEC 60118-0:2015.

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.

* Warning: 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 9030 HearLink 7030 HearLink 5030 HearLink 3030 HearLink 2030

SoundMap 2

Amplification

Frequency bandwidth	10 kHz	8 kHz	8 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	2 options	2 options	●	●	●
Fixed Directional	●	●	●	●	●
Adaptive Directionality	●	●	●	●	●
Dynamic Directionality	3 options	2 options	●	●	—

AI Noise Reduction

Noise Reduction Mode	4 options	4 options	3 options	3 options	2 options
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Special noise management

Soft Noise Management	●	●	●	●	●
Wind Noise Management	●	●	●	●	●
Transient Noise Reduction	4 options	3 options	3 options	2 options	—
Binaural Noise Management	●	●	—	—	—

Feedback Canceller

Strength control	●	●	●	●	●
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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	14	12
Environments	13	12	12	10	8
Manual listening programs	4	4	4	4	4
HiFi Music	●	●	●	●	—
Airplane	●	—	—	—	—
Data Logging	●	●	●	●	●
Adaptation Manager	●	●	●	●	●
CROS compatibility	●	●	●	●	●

HearLink 9030|7030|5030|3030|2030 MNR T instruments can be programmed with HearSuite 2022.1.0 or higher

Operating Conditions of miniRITE T

Temperature: +1°C to +40°C (34°F to 104°F)

Humidity: 5% to 93%, 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

Transport:

Temperature: -25°C to +60°C (-13°F to 140°F)

Relative humidity: 5% to 93%, non-condensing

Atmospheric pressure: 700 hPa to 1060 hPa

Storage:

Temperature: -25°C to +60°C (-13°F to 140°F)

Relative humidity: 5% to 93%, non-condensing

Atmospheric pressure: 700 hPa to 1060 hPa



Manufacturer

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