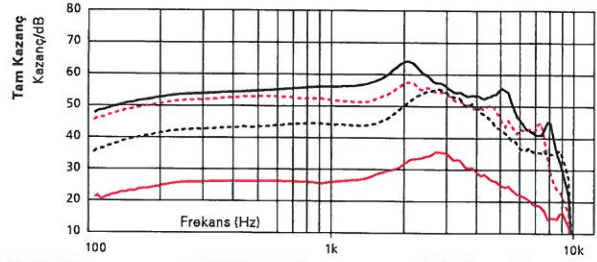
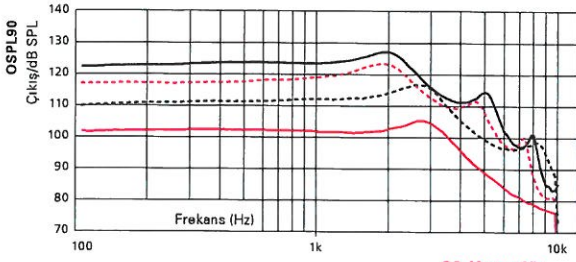


Alpha XT 9 miniRITE T

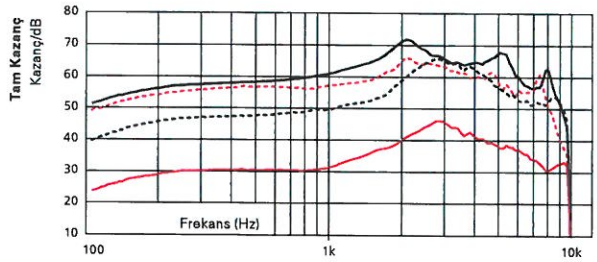
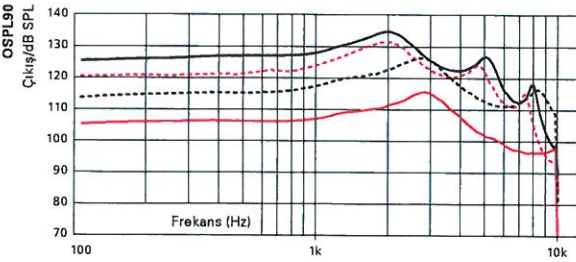
— 60-Hoparlör --- 85-Hoparlör - - - 100-Hoparlör — 105-Hoparlör

2CC COUPLER



	60-Hoparlör	85-Hoparlör	100-Hoparlör	105-Hoparlör
OSPL90, Tepe (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, Tepe (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	312	312	312	312
Distorsion 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 Girdi Gürültüsü (dB SPL) ¹	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 SİMÜLATÖRÜ



	60-Hoparlör	85-Hoparlör	100-Hoparlör	105-Hoparlör
OSPL90, Tepe (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, Tepe (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	312	312	312	312
Distorsion 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 Girdi Gürültüsü (dB SPL) ¹	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 göre, "Kulak simülatörü", IEC 60318-4:2010'a uygun bir coupler'e göre.

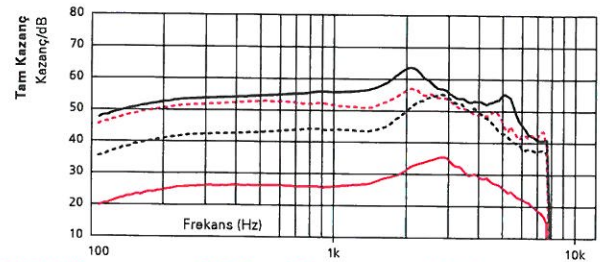
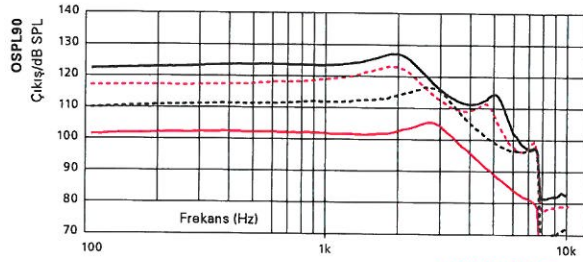
Uygulanan versiyonlar: IEC 60118-0/A1:1994, IEC 60118-1/A1:1998, IEC 60118-7: 2005, ANSI S3.22: 2014, IEC 60118-0:2015.

Tam kazanç, işitme cihazlarının kazanç kontrol ayarının tamamen açık olduğu durumdan eksi 20 dB ayarına göre ve 70 dB'lık bir SPL girdisiyle ölçülmüştür. Bu, ör. IEC 60118-0+A1:1994'ten, feedback etkisi olmadan tam kazançla eşdeğer bir kazanç tepkisi elde etmek içindir.

İşitme cihazı dağıtıcısına uyarı

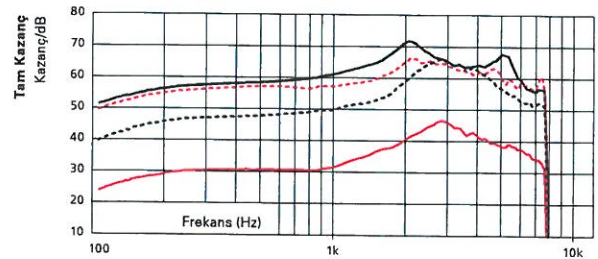
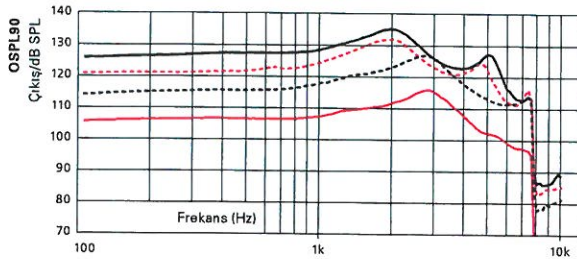
İşitme cihazının maksimum çıkış kapasitesi 132 dB SPL'yi aşabilir (IEC711). İşitme cihazı kullanıcısının geri kalan işitme yeteneğine zarar verme riski bulunduğundan dolayı ürün seçimi ve uygulama sırasında özel bir özen gösterilmelidir.

2CC COUPLER



	60-Hoparlör	85-Hoparlör	100-Hoparlör	105-Hoparlör
OSPL90, Tepe (dB SPL)	105	117	123	127
OSPL90, 1600 Hz (dB SPL)	102	113	122	126
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Tam Kazanç, Tepe (dB)	36	55	57	64
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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	2.3	2.4
Pil	312	312	312	312
Distorsion 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
Eşdeğer Girdi Gürültüsü (dB SPL) ¹⁾	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

KULAK SİMÜLATÖRÜ



	60-Hoparlör	85-Hoparlör	100-Hoparlör	105-Hoparlör
OSPL90, Tepe (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, Tepe (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)	2.2	2.3	2.2	2.3
Pil	312	312	312	312
Distorsion 500/800/1600 Hz (%)	<2/<3/<2	<2/<4/<5	<9/<6/<3	<4/<4/<4
Frekans aralığı (Hz)	100-7500	100-7500	100-7500	100-7500
Eşdeğer Girdi Gürültüsü (dB SPL) ¹⁾	18	21	16	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 göre dir. "Kulak simülatörü", IEC 60318-4:2010'a uygun bir coupler'e göre dir.

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'lık bir SPL girdisiyle ölçülmüştür. Bu, örneğin IEC 60118-0+A1:1994'den, feedback etkisi olmadan tam kazançla eşdeğer bir kazanç tepkisi elde etmek içindir.

İşitme cihazı dağıtıcısına uyarı

İşitme cihazının maksimum çıkış kapasitesi 132 dB SPL'yi aşabilir (IEC711). İşitme cihazı kullanıcısının geri kalan işitme yeteneğine zarar verme riski bulunduğundan dolayı ürün seçimi ve uygulama sırasında özel bir özen gösterilmelidir.

Özellikler

İSÜ BİLGİ TEKNOLOJİLERİ A.Ş. TARAFINDAN
TARAFIMIZIN İZİNİ ALINILARAK YATIRILAN
EMRAH BÜKE YEMİRLİ MÜTERCİM

	Alpha XT 9	Alpha XT 7	Alpha XT 5
Hybrid Technology™			
Hybrid Sound Processing™	•	•	•
Frekans Bant Genişliği	10 kHz	8 kHz	8 kHz
Hybrid Balancing™	•	•	-
Konuşma Dengeleyici	3 Seçenek	2 Seçenek	•
Gürültü Dengeleyici	4 Seçenek	2 Seçenek	-
Hybrid Noise Management™	•	•	•
Akıllı Gürültü Azaltma	4 Seçenek	4 Seçenek	3 Seçenek
Akıllı Direksiyonalite	4 Seçenek	4 Seçenek	4 Seçenek
Dinamik Durumlar	3 Seçenek	2 Seçenek	-
Çok Yönlü Durumlar	2 Seçenek	2 Seçenek	-
Hybrid Feedback Canceller™	•	•	•
Hybrid Sound Care™	•	•	•
Rüzgar Temas Gürültüsü Koruyucusu	•	•	•
Konuşma			
Alçak Frekans Arttırıcı	•	•	•
Frequency Composition™	•	•	•
Konfor			
Binaural Gürültü Yönetimi	•	•	-
Geçici Gürültü Azaltma	6 Seçenek	5 Seçenek	4 Seçenek
Dinamik Alan Genişletici	•	•	-
Hafif Gürültü Yöneticisi	•	•	•
Direksiyonalite Kontrolleri			
Dinamik	•	•	•
Uyumlu Tam Direksiyonalite	•	•	•
Sabit Direksiyonalite	•	•	•
Sabit Omni	•	•	•
Omni Direksiyonel	•	•	-
True Directionality Plus	•	•	-
Kişiselleştirme			
Kişiselleştirme	•	•	•
Uygulama Bantları	24	20	18
Program Seçenekleri/Hafızaları	13/4	12/4	12/4
Music Experience	•	•	•
Çift taraflı İletişim: Ses kontrolü, program değiştirme	•	•	•
Otomatik Adaptasyon Yönetimi	•	•	•
Geçiş	4 Seçenek	3 Seçenek	2 Seçenek
Veri kaydı	•	•	•
Sohbet Verisi	•	•	•
Konuşma bildirimleri	•	•	•
Tinnitus SoundSupport	•	•	•
CROS uyumluluk	•	•	•

Alpha XT MNR T, Oasis™ 2023.1 ve üstü ile programlanabilir

Çalışma Koşulları

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

SBO Hearing A/S
Kongebakken 9
DK-2765 Smørum
Denmark

IP68

www.bernafon.com

Berna fon is part of the Demant Group.

berna fon
Your hearing • Our passion

Product Information

Alpha XT 9/7/5 miniRITE T

Bernafon Alpha XT takes Hybrid Technology™ to new levels. The miniRITE T is a receiver-in-the-ear hearing instrument designed for users with slight to profound hearing losses. It includes direct audio streaming, 2.4 GHz Bluetooth® Low Energy and NFMI

technology, a telecoil, and double push button for volume and program changes. The miniRITE T is available with the miniFit speaker system, which includes four power levels and a variety of domes and custom molds.

Speaker 60



AHXT 9/7/5 MNR T

Speaker 85



AHXT 9/7/5 MNR T

Speaker 100

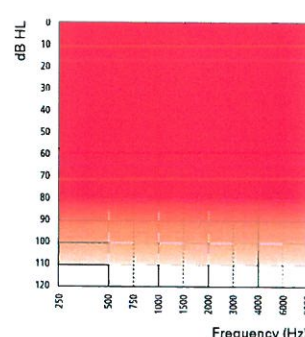
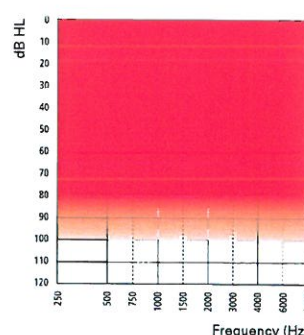
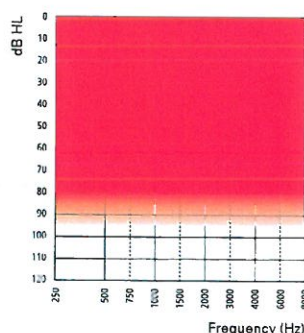
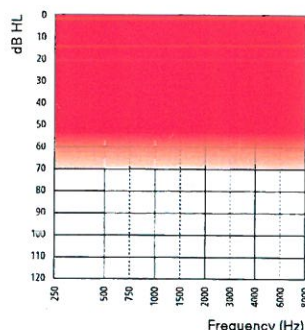


AHXT 9/7/5 MNR T

Speaker 105



AHXT 9/7/5 MNR T



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

Accessories*

- Bernafon App (compatible with iOS and Android devices)
- RC-A (remote control)
- TV-A (TV adapter)
- SoundClip-A
- 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 www.bernafon.com/hearing-aid-users/hearing-aids/connectivity for additional information and support.

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

*** Alpha XT 9: 64 channels, Alpha XT 7&5: 48 channels

Bernafon Alpha XT 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 www.bernafon.com/hearing-aid-users/hearing-aids/connectivity.

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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.

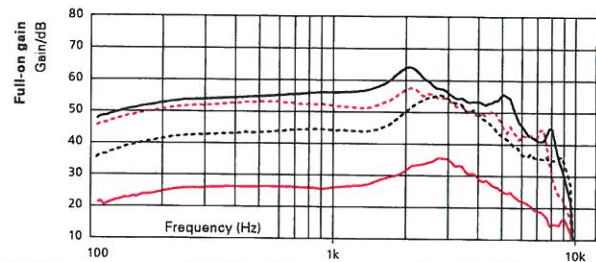
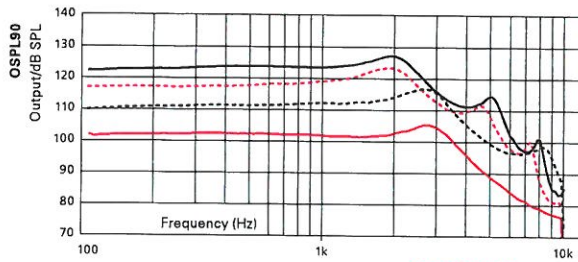
bernafon®
Your hearing • Our passion

Alpha XT 9 miniRITE T

EMRAR BUKE YEMİLLİ MÜTERECİM

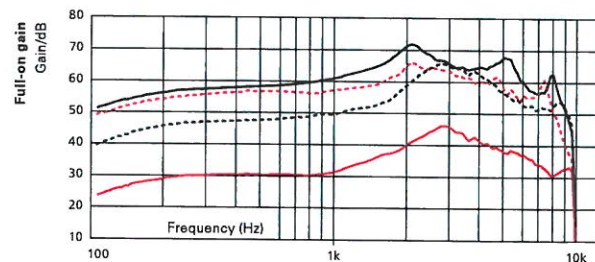
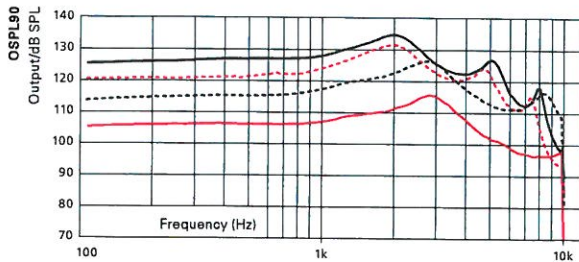
— Speaker 60 --- Speaker 85 - - - Speaker 100 — Speaker 105

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 (dB SPL) ¹⁾	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 (dB SPL) ¹⁾	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.

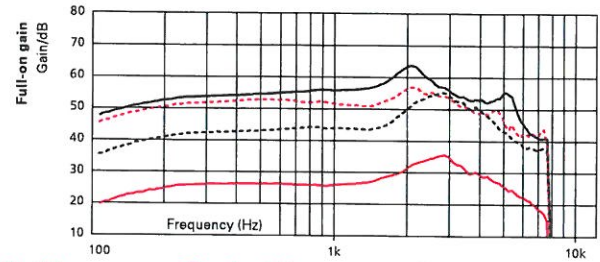
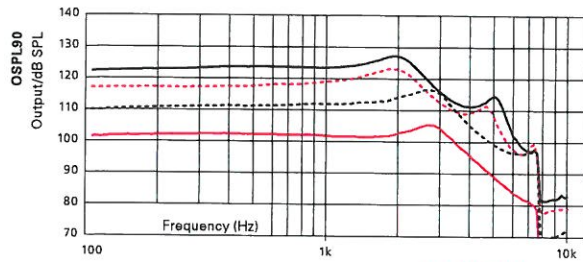
Full-on gain is measured with the gain control of the hearing instruments set to its full-on position minus 20 dB and with an input SPL of 70 dB.

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 to the hearing aid dispenser

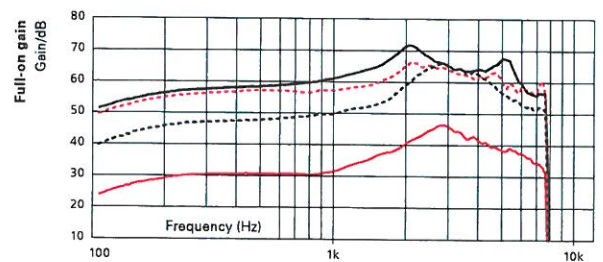
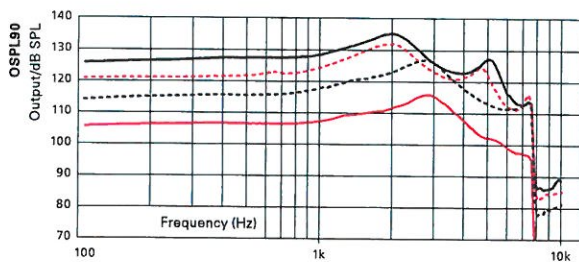
The maximum output capability of the hearing aid may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the hearing aid, as there may be risk of impairing the remaining hearing of the hearing aid user.

2CC COUPLER



	Speaker 60	Speaker 85	Speaker 100	Speaker 105
OSPL90, Peak (dB SPL)	105	117	123	127
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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 (dB SPL) ¹	16	17	16	16
Telecoil 1 mA/m 1000 Hz, ANSI (dB SPL)	58	77	85	88
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EAR SIMULATOR



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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 (dB SPL) ¹	18	21	16	15
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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 to the hearing aid dispenser

The maximum output capability of the hearing aid may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the hearing aid, as there may be risk of impairing the remaining hearing of the hearing aid user.

Feature overview

	Alpha XT 9	Alpha XT 7	Alpha XT 5
Hybrid Technology™			
Hybrid Sound Processing™	•	•	•
Frequency bandwidth	10 kHz	8 kHz	8 kHz
Hybrid Balancing™	•	•	-
Speech Balancer	3 options	2 options	•
Noise Balancer	4 options	2 options	-
Hybrid Noise Management™	•	•	•
Smart Noise Reduction	4 options	4 options	3 options
Smart Directionality	4 options	4 options	4 options
Dynamic States	3 options	2 options	-
Omni States	2 options	2 options	-
Hybrid Feedback Canceller™	•	•	•
Hybrid Sound Care™	•	•	•
Wind Contact Noise Protector	•	•	•
Speech			
Low Frequency Enhancer	•	•	•
Frequency Composition™	•	•	•
Comfort			
Binaural Noise Manager	•	•	-
Transient Noise Reduction	6 options	5 options	4 options
Dynamic Range Extender	•	•	-
Soft Noise Manager	•	•	•
Directionality controls			
Dynamic	•	•	•
Adaptive Full Directionality	•	•	•
Fixed Directionality	•	•	•
Fixed Omni	•	•	•
Omni Directional	•	•	-
True Directionality Plus	•	•	-
Individualization			
Personalization	•	•	•
Fitting bands	24	20	18
Program options/memories	13/4	12/4	12/4
Music Experience	•	•	•
Binaural coordination: VC, program changes	•	•	•
Automatic Adaptation Manager	•	•	•
Transition	4 options	3 options	2 options
Data Logging	•	•	•
Conversation Data	•	•	•
Spoken Indicators	•	•	•
Tinnitus SoundSupport	•	•	•
CROS compatibility	•	•	•

Alpha XT MNR T can be programmed with Oasis^{next} 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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