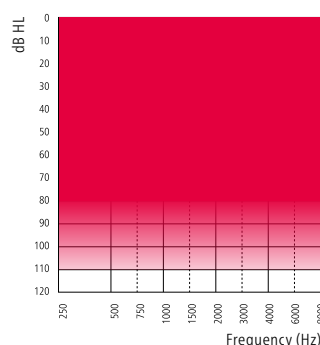
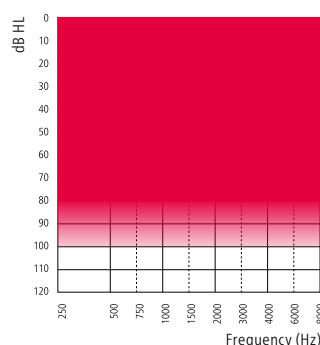
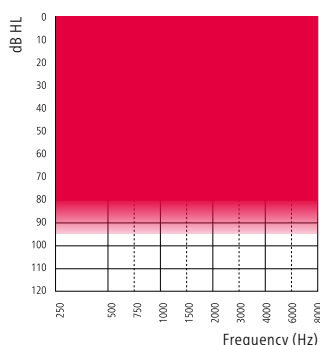
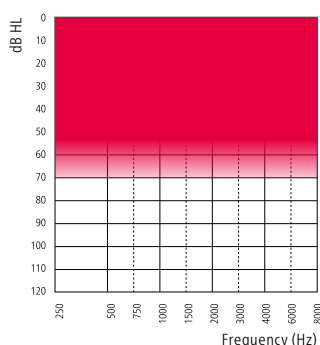
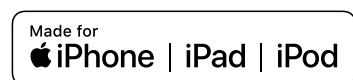


## Product information

# Alpha 9|7|5 miniRITE T

**Bernafon Alpha is the first hearing instrument with Hybrid Technology™.** 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.



## Technical features

- Direct audio streaming (compatible with iOS and Android™ devices)
- 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 EasyControl-A app (compatible with iOS and Android™ devices)
- Bernafon EasyControl Connect app (compatible with iOS and Android™ devices)
- RC-A (remote control)
- TV-A (TV adapter)
- SoundClip-A
- Noahlink Wireless (wireless programming interface)

Bernafon Alpha is a Made for iPhone®, iPad®, iPod® hearing aid, compatible with devices running iOS 13 or later. 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](http://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.

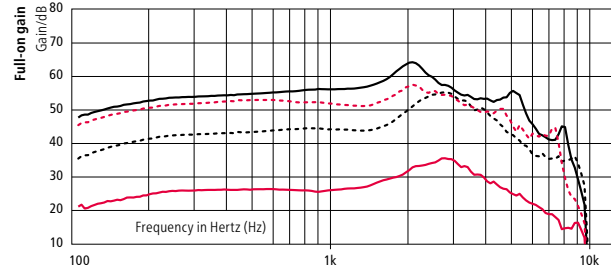
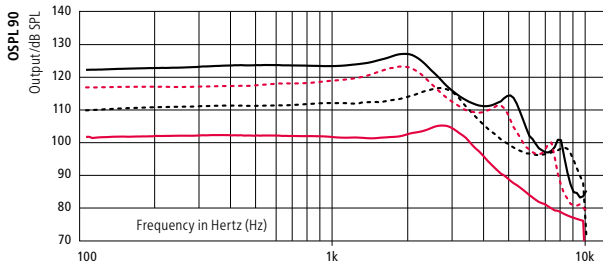
\* Please refer to [www.bernafon.com/hearing-aid-users/hearing-aids/connectivity](http://www.bernafon.com/hearing-aid-users/hearing-aids/connectivity) for additional information and support.

**bernafon**®  
Your hearing • Our passion

# Alpha 9 miniRITE T

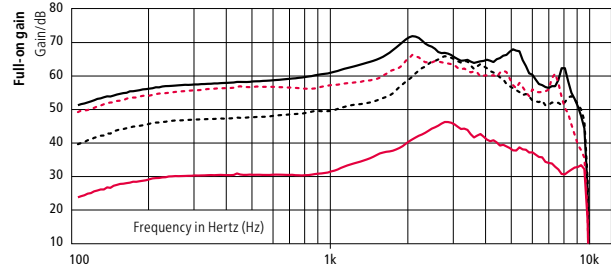
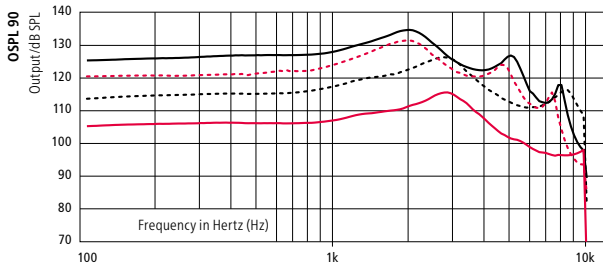
- Speaker 60
- - - Speaker 85
- · · Speaker 100
- Speaker 105

## ZCC 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 <sup>1)</sup> (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 <sup>1)</sup> (dB SPL)	18	21	17	15
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	68	84	91	96

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

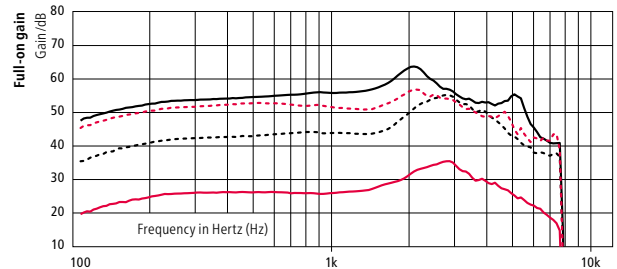
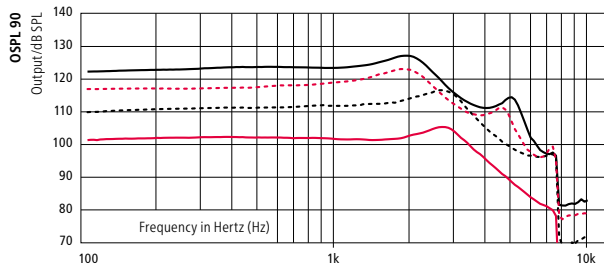
"2cc" refers to a coupler according to IEC 60318-5:2006. "Ear simulator" refers to a coupler according to IEC 60318-4:2010. Applied versions: IEC 60118-0 /A1:1994, IEC 60118-1 /A1:1998, IEC 60118-7: 2005, ANSI S3.22: 2014, IEC 60118-0:2015.

Full-on gain is measured with the gain control of the hearing 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.

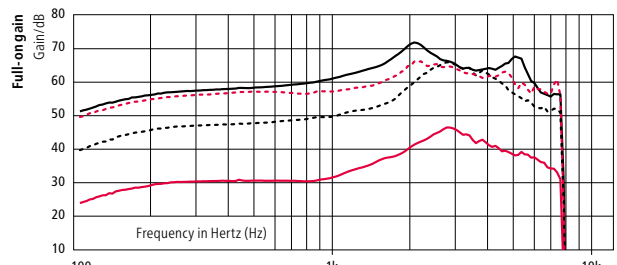
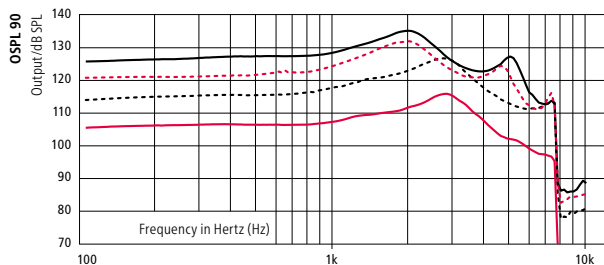
— Speaker 60  
 - - - Speaker 85  
 - - - Speaker 100  
 — Speaker 105

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 <sup>1)</sup> (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*
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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 <sup>1)</sup> (dB SPL)	18	21	16	15
Telecoil 1 mA/m 1600 Hz, IEC (dB SPL)	68	84	91	96

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**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

	Alpha 9	Alpha 7	Alpha 5
<b>Hybrid Technology™</b>			
<b>Hybrid Sound Processing™</b>			
Frequency bandwidth	10 kHz	8 kHz	8 kHz
<b>Hybrid Balancing™</b>			
Speech Balancer	3 options	2 options	–
Noise Balancer	4 options	2 options	–
<b>Hybrid Noise Management™</b>			
Smart Noise Reduction	4 options	4 options	3 options
Smart Directionality	●	●	●
Dynamic States	3 options	2 options	–
Omni States	2 options	2 options	–
<b>Hybrid Feedback Canceller™</b>			
<b>Speech</b>			
Low Frequency Enhancer	●	●	●
Frequency Composition <sup>next</sup>	●	●	●
<b>Comfort</b>			
Binaural Noise Manager	●	●	–
Transient Noise Reduction	4 options	3 options	3 options
Wind Noise Manager	●	●	●
Dynamic Range Extender	●	●	–
Soft Noise Manager	●	●	●
<b>Directionality controls</b>			
Dynamic	●	●	●
Adaptive Full Directionality	●	●	●
Fixed Directionality	●	●	●
Fixed Omni	●	●	●
Omni Directional	●	●	●
True Directionality Plus	●	●	–
<b>Individualization</b>			
Personalization	●	●	●
Fitting bands	24	20	18
Program options/memories	13/4	12/4	12/4
Binaural coordination: VC, program change	●	●	●
Automatic Adaptation Manager	●	●	●
Transition	4 options	3 options	2 options
Data Logging	●	●	●
Tinnitus SoundSupport	●	●	●

Alpha MNR T can be programmed with Oasis<sup>next</sup> 2021.2 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

**SBO Hearing A/S**  
Kongebakken 9  
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