



Bernafon Alpha  
Inspired by the **best**

Alpha at a glance

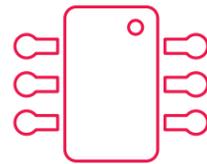


# The best of Bernafon Alpha

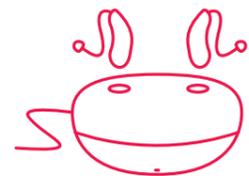
Inspired by the best, Bernafon Alpha is a strong and smart hearing aid with innovative new Hybrid Technology™.



Strong chip platform with 16 times more processing power and 8 times more memory\*



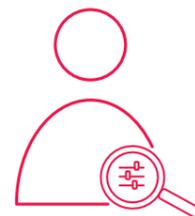
Most popular rechargeable miniRITE T R hearing aid style with high usability and wearing comfort ratings



Next-generation connectivity with more options for direct sound streaming from iOS and Android™ devices



New Oasis<sup>next</sup> 2020.2 fitting software for faster fittings, better target match, and increased personalization



**The first hearing aid with Hybrid Technology™**  
For best sound without compromise

**Because two are better than one**  
Bernafon Alpha joins two signal processing approaches to augment both speech understanding and listening comfort

**To strike the right balance**  
The revolutionary technology works independently or in tandem, prioritizing best in countless listening situations

**For effective hybrid performance**  
Four hybrid processing blocks each combine two smoothly interacting counterparts

hybrid  
technology™

\*Compared to previous Bernafon hearing aid generations.

# Hybrid all the way

The Hybrid Technology™ in Bernafon Alpha consists of four processing blocks. Each of them is a hybrid in itself. They act with flexibility to optimally perform in countless listening situations.

## Hybrid Noise Management™



Smart Directionality is active in 24 individual bands and interacts smoothly with Smart Noise Reduction, optimized through machine learning.

 Cleaner speech signal while preserving natural environmental sounds

Selective noise reduction based on up to 36,000 signal estimations per second

## Hybrid Balancing™

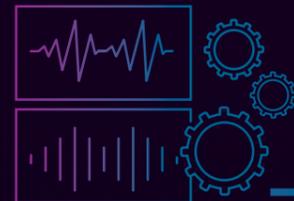


Speech Balancer and Noise Balancer tune sound amplification in the presence or absence of speech.

 Balanced speech audibility and listening comfort

Personalized sound amplification to the client's situational sound preferences

## Hybrid Sound Processing™



Two parallel strategies process sound simultaneously in the time and frequency domains.

 Uncompromised speech intelligibility and sound quality

Real-time and precise sound processing with up to 48,000 signal estimations per second

## Hybrid Feedback Canceller™



Two estimators eliminate feedback in static and dynamic conditions with up to 126,000 measurements per second.

 Effective feedback protection

Super-fast and accurate feedback elimination within milliseconds

# Versatile Alpha miniRITE T R



**Contactless “plug & play” charging** – The long-lasting, lithium-ion batteries charge fully in 3 hours in the compact charger for a full day of use.



**More sound streaming options** – Bernafon Alpha connects directly to iOS and Android devices\* with 2.4 GHz Bluetooth® Low Energy wireless technology.



Intuitive hearing aid control with the improved **EasyControl-A app\***



**Flexible and personalized fittings** – Bernafon Alpha hearing aids come with up to 24 fitting bands and the option to fit clients remotely. The new Personalization tool pre-sets features to the client’s needs and preferences.

\*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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# 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	14/4	13/4	13/4
Binaural coordination: VC, program change	●	●	●
Automatic Adaptation Manager	●	●	●
Transition	4 options	3 options	2 options
Data Logging	●	●	●
Tinnitus SoundSupport	●	●	●

Established in 1946, Bernafon representatives and employees in over 70 countries have worked ever since in the spirit and tradition of our founders to develop and market solutions that help people with hearing difficulties. With leading technology, high performance products, and outstanding support, we strive to deliver beyond expectations. Our Swiss values, together with technological competence, passion, and true partnerships, help us fulfill our goal:

**Together we empower people to hear and communicate better.**

For more information on our hearing instruments, visit our Bernafon website at [www.bernafon.co.uk](http://www.bernafon.co.uk)

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**SOUND**   
OF SWITZERLAND



#### **Bernafon Companies**

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· Poland · South Africa · Spain · Sweden · Switzerland · Turkey · UK · USA

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Bernafon is part of the Demant Group.

**bernafon**   
Your hearing · Our passion