

OASIS^{nxt} 2017.2

INCLUDING OASIS 26.0

Instructions for Use

Version 1.0

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The Tinnitus SoundSupport is manufactured for Bernafon AG/Sonic

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1. Introduction

1.1. Important to know

This USB Flash Media contains several different software modules:

- Oasis^{next} 2017.2, the new fitting module from Bernafon;
- Bernafon software updater, a tool, which allows online updating of Oasis^{next}, if your PC is connected to the internet;
- Oasis 26.0, the latest version of our existing (“Legacy”) fitting module;
- SoundStudio, the sound software to play 3D sound scenes for counseling and fitting.

The installer allows installing of all available modules in one flow (recommended) or selecting options in a customized installation process.

Oasis^{next} 2017.2 and Oasis 26.0 will always be installed. If Oasis 25.0 or an earlier version is already installed, it will be automatically upgraded to the newest version.

Oasis^{next} 2017.2 and Legacy Oasis 26.0 are two independent fitting modules. Only one of them can be open at a time, launched from your office system (Noah) as well as in stand-alone mode.

After installation from this USB flash media, you will see two separate Oasis icons in your office system. Please use Oasis 26.0 to fit products like Juna and older. To fit Zerena and newer products, please start Oasis^{next} 2017.2.



Oasis^{next} 2017.2 offers guidance if accidentally opened to detect an older product.

The following instructions for use are valid for Oasis^{next} 2017.2 and Oasis 26.0.

A copy of this document is available on:

www.bernafon.com/professionals/oasis

A printed version can be obtained from your local distributor.

1.2. Intended use

Oasis^{next} 2017.2 and Oasis 26.0 are fitting software modules, intended to fit and update hearing instruments from Bernafon.

Oasis^{next} 2017.2 and Oasis 26.0 can facilitate access to real-ear measurement equipment.

2. Installation

2.1. Preparing your PC

Before installation, please make sure that your PC hardware and software meets the minimum specified system requirements (see last page of this document) and that your Windows® system is updated to the latest published service pack.

Please also make sure that you have administrator rights on the PC. Some virus software may compromise the installation process and you might have to deactivate your virus scanner to be able to run the installation.

2.2. Installation

The installer should start automatically or open the directory with the installation files, after inserting the USB flash media in the PC. If not, please start your file explorer, click on the USB flash media and start **<setup.exe>**. After starting the installer, please follow the instructions on the screen.

If you work with NOAHlink, the installer may offer you an update to the Firmware. Keep your NOAHlink switched on, to be ready to receive the upgrade.

3. Getting started with Oasis^{next}

3.1. The new Oasis^{next} navigation

The navigation allows access to all fitting steps in a mainly 2-dimensional scheme (only main and sub navigation items).

Client

Enter client personal data and the fitting parameters you want to use in the fitting session. Also audiogram and REM data can be set in this screen and products can be selected for simulation and ordering.

Fitting

Use it to fit the product to the hearing loss of the client.

Features

Allows access to the audiological features of the product. This screen is mainly recommended for use in follow-up sessions.

End session

Set local controls and indicators and end the session.

3.2. First steps

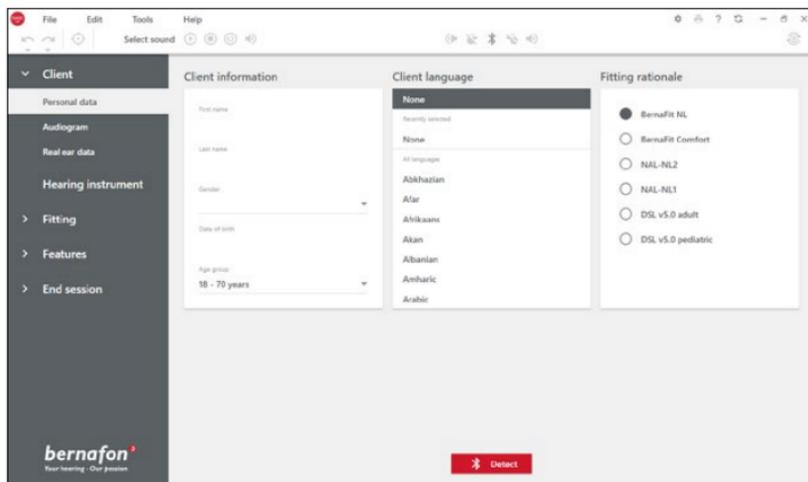
Here, the most important steps to fit a Bernafon product are explained. Please refer to our training material to get more insight into Oasis^{next} fitting software.

To start your fitting session, enter or open an existing client in your office system and start Oasis^{next}. The software will start with the **<Client Personal Data>** screen.

Entering Client data

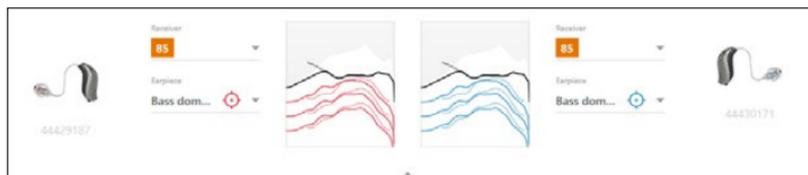
Client data, preferred language, and fitting rationale for the session can be entered in the client data screen.

To detect and connect to the hearing instruments, click **<Detect>**. If you are using FittingLINK 3.0, please follow the connection dialogs described in section 4.



Acoustic dashboard

After the hearing instrument is connected, the “acoustic dashboard” is shown. Here you can enter the acoustic options (RITE speakers and earpiece, venting, thin tubes, etc.).



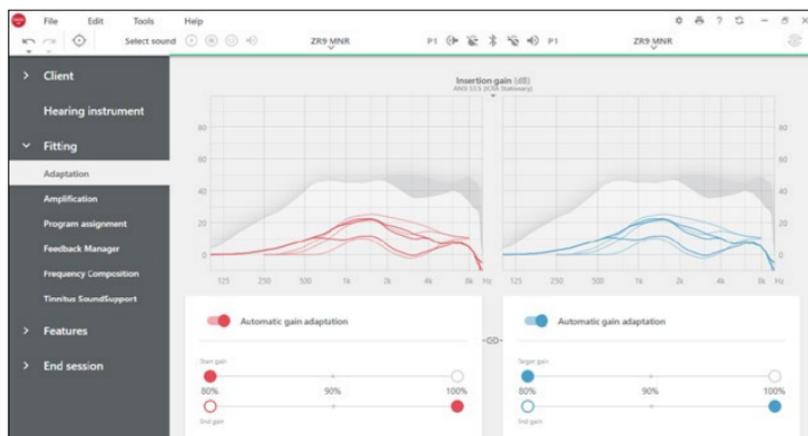
The acoustic dashboard also shows updated information about the hearing aid performance with the selected acoustic options. It can be opened any time during the session to view or change the acoustic options. The graph view in the dashboard can be configured in the preference menu.

Fitting menu

The **<Fitting>** menu contains all the steps necessary for fitting the hearing instruments to the client's hearing loss. Coming from the **<Client>** menu, if you enter one of the screens in the **<Fitting>** menu, the gain prescription is automatically done and the hearing instruments will be set to the client's hearing loss.

The **Adaptation Manager** is a new feature. It allows for manually or automatically increasing the gain in the hearing instruments in 10% increments from 80% to 100% of the prescribed gain. Using this feature, you can help your client to get accustomed to their new hearing aids at their own pace.

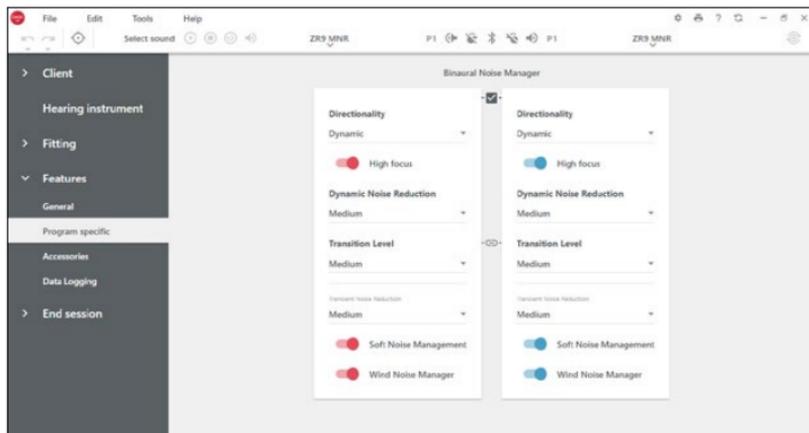
Amplification, Program Assignment and **Feedback Manager** are fitting features in the **<Fitting>** menu, which work in the same way as existing Oasis versions. In addition, the **<Tinnitus SoundSupport>** screen is available to set the Tinnitus SoundSupport function for hearing instruments with this feature.



Features menu

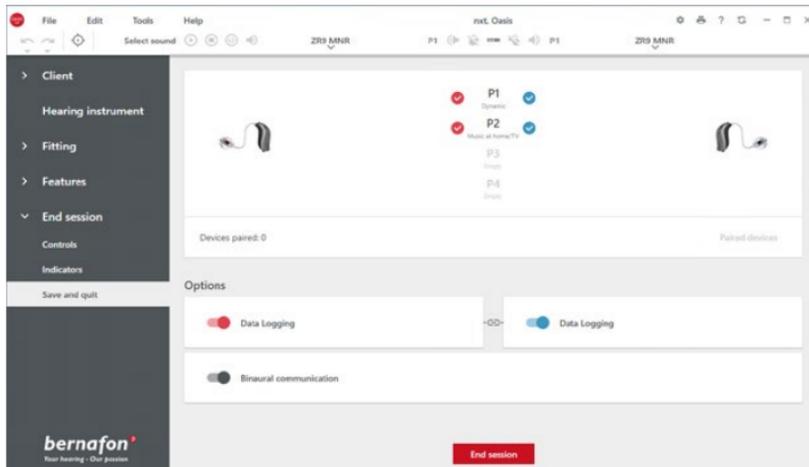
The **<Features>** menu offers screens to adjust the hearing instruments' general features (non-program specific, e.g. DAC™), and program specific features (e.g. Directionality). We recommend not using **<Features>** in a first fit, but to use these options in follow-up sessions to individualize the features set up and fine tune accessories, and use the Data Logging function.

For details about the audiological features of our products, please refer to the product information or our training material.



End session

This menu is used to configure local controls and indicators (beeps) and to save and quit your fitting session. The **<Save and Quit>** function allows you to save the data in the hearing instrument and to save a session in the office system database.



Information about data security

During the fitting session, all programming steps are permanently programmed into the hearing instruments. This ensures that no data gets lost, e.g. in case the hearing instruments are accidentally disconnected from Oasis^{next}.

A copy of the hearing instrument settings is preserved at the beginning of the fitting session and will be saved back to the hearing instruments if you decide to end your fitting session without saving changes.

Connection status indicator

The connection indicator informs you about the connection status of the hearing instruments to the programming device at any time during your fitting session.

The connection status indicator can show the following connection states:

- moving dashed lines indicate connection and pairing in progress;
- a solid green line indicates that the hearing instruments are connected;
- moving dashes in blue and green show data writing to the hearing instruments in progress.

If the connection to the hearing instruments is interrupted, a conflict dialog box will inform you. In this case, you can continue in simulation mode and connect the hearing instruments later or try to re-connect to the hearing instruments.

In simulation mode, no connection status indicator is shown (the connection indicator line stays gray).

4. Wireless programming

4.1. Required hardware

FittingLINK 3.0 is a new wireless programming interface, supported from Oasis^{next}, which allows the transfer of fitting data from the PC directly to the hearing instrument (without using an additional neck loop device).

The dongle used from FittingLINK 3.0 is physically the same dongle as the existing FittingLINK 2.0 dongle. If you are already working with the FittingLINK WP-2 (neck loop device), you already have a dongle that you can use to program Zerena products. Your dongle will automatically be upgraded to FittingLINK Version 3.0, while Oasis^{next} is installed. Upgraded dongles (and new FittingLINK 3.0 dongles) can still be used with the FittingLINK WP-2 (neck loop device) and Oasis 26.0 (or earlier versions).

Note: The FittingLINK WP-2 (neck loop device) is not compatible with Oasis^{next}. It can only be used with Oasis 26.0 to program Juna and older products.

For further details, please refer to your FittingLINK 3.0 Instructions for Use.

4.2. Wireless programming with FittingLINK 3.0

We recommend using FittingLINK 3.0 with the FittingLINK desk stand, delivered in the FittingLINK 3.0 package.

FittingLINK 3.0 will be automatically detected and shown as FittingLINK 3.0 programming option when Oasis^{next} is opened after the dongle has been plugged into the PC. If you are using several different programming devices, you can select FittingLINK as your preferred one in the **<Tools – Preferences>** menu.

Pairing

To pair hearing instruments for programming, they must be placed no more than 30 cm (12 in) from the FittingLINK dongle. Insert a new battery in the hearing instrument and switch the hearing instrument on. The pairing mode is active for 3 minutes after the hearing instrument is switched on.

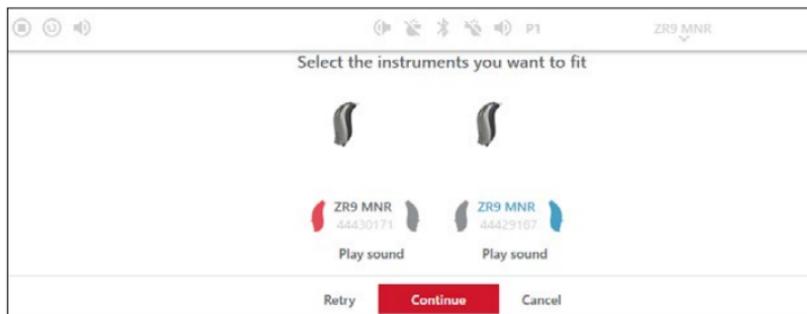
In Oasis^{next} please select FittingLINK 3.0 on the detect button and click **<Detect>** as usual. Oasis^{next} will show a pairing dialog box which displays all hearing instruments detected within the range of the FittingLINK dongle. The hearing instruments can be identified by type and serial number. Select the ones you want to fit and assign the correct side to them.

The dialog box also offers the option to play a test tone from the hearing instrument to find out which side it has been assigned.

Programming

After the hearing instruments are paired, they must be kept within a maximum range of 5 m (15 ft) from the dongle for programming.

Click **<Continue>** in the pairing dialog box to start programming.



Close the fitting session with the **<End Session>** command in the **<Save and Quit>** screen.

Follow up session

Start detection of the hearing instrument with FittingLINK 3.0 selected as the programming option. Because the hearing instrument has been paired once with the dongle, it does not need to be within the 30 cm (12 in) range provided the hearing instrument is fit on the same PC, with the same dongle as in the previous session.

4.3. Wireless programming with NOAHlink wireless

To use NOAHlink wireless with Oasis^{next} 2017.2, plug the device into a free USB slot in your PC and proceed the same way as described under 4.2. The driver for NOAHlink wireless is delivered on the Oasis^{next} 2017.2 installation media (USB) or comes with the file downloaded from www.bernafon.com and will install automatically.

If NOAHlink wireless is not detected properly you might have to install the driver manually. The latest driver is also found on www.himsa.com.

Note: Wireless programming with NOAHlink wireless works exactly the same way as with FittingLINK 3.0., as described under 4.2. Please be aware of the maximum range to be kept between hearing instrument and the device during pairing and programming. Please read the NOAHlink wireless instructions for use carefully before installing and using the device.

5. Oasis 26.0 overview

5.1. Starting Oasis 26.0

Oasis 26.0 can be started either from Noah or in stand-alone mode from Windows.

When started in stand-alone mode, the Client Manager will appear as the first screen. Here you can enter clients, (as done in Noah) and enter an audiogram for the client using the Oasis audiogram module.

With a client entered or selected, Oasis continues with the Product Overview Screen when clicking **<New Fitting>** or **<Follow Up>**.

When starting from Noah, by clicking the Oasis 26.0 icon, Oasis will directly start the product overview screen.

When opening a Noah session (by double clicking on the session), Oasis will start in follow up mode, presenting the data logging screen or the fine-tuning grid. From the product overview screen, you can detect products for fitting or select products for simulation and ordering.

5.2. Navigation overview in Oasis 26.0

Client menu

The **<Client>** menu allows entering client personal data and the fitting parameters needed to start the session. Also audiogram and REM data can be set in this screen and products can be selected for simulation and ordering.

The Lifestyle Profile provides a structured format to identify and prioritize specific listening goals in various listening environments, which are used to personalize the first fit of the product.

Hearing Instrument menu

The **<Hearing Instrument>** menu allows viewing the hearing instrument data or select or change acoustic settings.

After setting client and hearing instrument data, the fitting session must be started by either clicking detect or simulate.

Fitting

<Fitting> is used to fit the product to the hearing loss of the client. In this menu, fitting tools such as the Amplification, Listening Programs, Client Interactive etc. can be found. Depending on the product, a number of parameters of the adaptive product features (Directionality, Noise Reduction etc.) can be set.

For more information about products supported by Oasis 26.0, please refer to the product information and our product training material.

End session

Allows for setting local controls and indicators and ending the session.

Programming cables and adapters guide

Use the FittingLINK wireless programmer for the wireless hearing instruments (remember to insert a battery). Otherwise use the cables below. For the families and styles listed below use cable HI-PRO #2 (2 m) or NOAHlink #2 (50 cm).

HI-PRO #2

Left: 384-20-033-00

Right: 384-20-032-00

Alternative NOAHlink #2 (50 cm)

Left: 384-20-035-00

Right: 384-20-034-00



Family	Styles	
Zerena 9 7 5	miniRITE / miniRITE T	C
	BTE 105	E
Juna 9 7 Saphira 5 3 Nevara 1	CIC* / IIC*	A/B
	ITE / ITC / IICx	B
	Pico RITE	C
	CPx / CP / C BTE	D
	Power BTE / Nano BTE / Nano RITE	E
Supremia 7 3	SP BTE	D
Acrida 9 7 Carista 5 3	ITE / ITC / CIC / IIC	B
	CPx / CP BTE	D
	Nano BTE / Nano RITE	E
Chronos 9 7 5 Inizia 3 1	CPx / CP BTE	D
	Nano BTE / Nano RITE	E
	ITED / ITC / CIC	C
	ITCD	F

* CIC and IIC instruments can come with two different faceplates.

Please be aware that a specific faceplate will only fit with the corresponding programming adapter. Inspect battery drawer to determine the correct adapter.

Note: Always insert a fresh battery prior to programming.

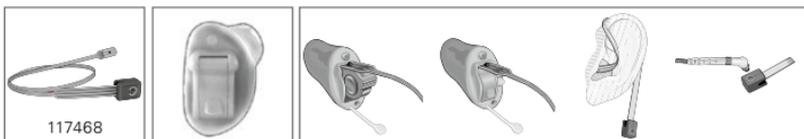


Exception: **Power BTE** and **BTE 105** (see instruction **E**)

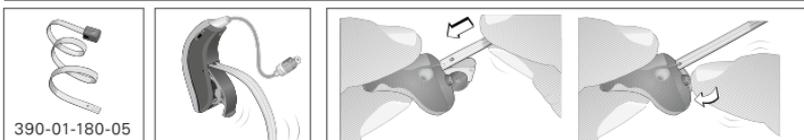
A Programming adapter mini



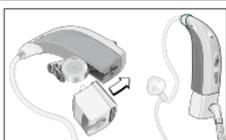
B FlexConnect Mini



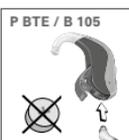
C FlexConnect



D Programming adapter



E Direct connection



F Programming strip



Warnings

Please familiarize yourself with the following general warnings and the entire content of these Instructions for Use, before using Oasis^{next} or Oasis 26.0.

General safety precautions

For safety reasons, always read the Intended Use of the fitting software, the risks related to the fitting level of the Tinnitus SoundSupport feature and the recommended wearing times.

Connection

Take care not to lose the wired or wireless connection to the hearing aid or let communication errors interrupt the fitting flow.

Choking hazards

For safety reason, caution must be taken when fitting children younger than 36 months. Children younger than 36 months must always use a tamper-resistant battery drawer.

For safety reasons, always use ear molds when fitting children younger than 36 months.

Firmware

For safety reasons, always ensure that the client is not wearing the hearing aid during a firmware update, as the updated hearing aid will be reset to factory settings after the update. Do not give the hearing aid to the client before restoring user settings.

Ensure that the serial number of the connected hearing aid corresponds to the serial number registered in the office automation system for the relevant client.

Always note the firmware version of the hearing aid before and after a firmware update.

Ensure that the firmware version of the programming device is compatible with the firmware version of the fitting software. Avoid interruptions or connection failure to the hearing aid or connectivity device during a firmware update.

REM system

Pay attention to any error messages from the REM system caused by incorrect or unintended data sent to the REM system.

In-situ audiometry

Do not use in-situ audiometry for diagnostic purpose. Do not fit a hearing instrument only based on in-situ audiometry.

Tinnitus SoundSupport: The Tinnitus SoundSupport is manufactured for Bernafon AG

For safety reasons, always caution the client about limiting the use of the Tinnitus SoundSupport feature to ensure safe listening levels. Be aware of the high sound-pressure level generated by the Tinnitus SoundSupport feature.

Note the recommended limits to the wearing time of the Tinnitus SoundSupport feature as shown in the fitting software. In the print report, always enter the maximum wearing time per day.

Power instruments

For safety reasons, caution should be taken when selecting, fitting and using a hearing aid where the maximum sound pressure capability exceeds 132 dB SPL (IEC 711) as there may be a risk of damaging residual hearing of the hearing aid user.

System requirements

Please make sure your PC complies with the following minimum system requirements, for both Oasis^{next} and Oasis 26.0.

HARDWARE	Processor	1 GHz minimum, 2GHz recommended
	RAM	4 GB or more
	Free Hard Disk Space	8 GB minimum
	Graphics	1280 x 1024 pixels
	Ports	USB 2.0 for FittingLINK 3.0 and NOAHlink wireless
	Sound	For SoundStudio: 5.1 surround sound card with 5.1 speaker system recommended (subwoofer channel is not supported)
SOFTWARE	Windows®	Windows® 10 (32/64 bit), all editions Windows® 8 (32/64 bit), all editions except RT Windows® 7 (32/64 bit), all editions Note: Oasis ^{next} does not support older Windows® versions
	Noah	Noah 4 (minimum) Note: Noah based Office systems must be HIMSA certified
OTHER	Noah	Noah 4 (minimum) Note: Noah based Office systems must be HIMSA certified



Manufactured by

Bernaфон AG

Morgenstrasse 131

3018 Bern

Switzerland

Phone +41 31 998 15 15

www.bernaфон.com

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2017-10-04/186895/subject to change

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