Oticon
Genie 2

Guide

2016.2
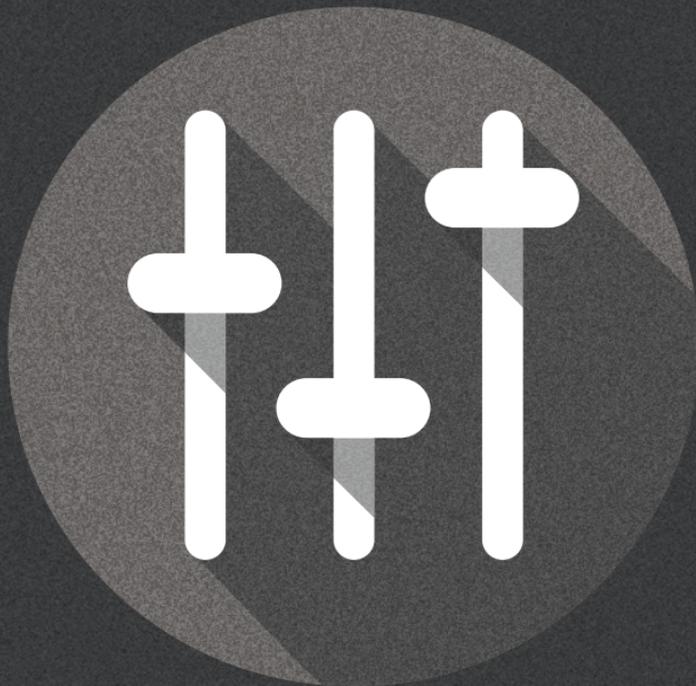
oticon
PEOPLE FIRST

Genie 2 and Genie have been updated with a variety of new features and enhancements. Please find a quick overview of these below:

What's new in Genie 2 ?

❙ Support for new hearing aids

The following new Oticon hearing aids are supported:
• Opn 2 miniRITE
• Opn 3 miniRITE

New speakers:
100 miniFit domes
105 Power Flex mould

For further information, please refer to the Opn Technical Data Sheets that are available through Genie 2

BE INFORMED
New hearing aids you receive may have a new firmware version, that is not compatible with your old Genie 2 installation. Therefore you must always install the newest Genie 2 software, when you receive it from Oticon.

❙ Oticon Firmware Updater

Oticon Firmware Updater is a brand new tool in Genie 2 that enables firmware updates of hearing aids within the Opn family. This means that new features and security updates are released to the existing styles through the Oticon Firmware Updater.

The Oticon Firmware Updater empowers you to provide great service on the spot to your customers, by adding new features and improving the general performance of their Opn hearing aids. Upon connecting the Opn hearing aids to Genie 2, you will be informed of any new firmware available for the hearing aids and you will be guided on how to update using an easy and convenient procedure. The actual update will take under one minute per hearing aid *(using HiPro 2)*. After a firmware update, the last saved fitting session will be restored, when connecting to Genie 2.

Further information and instructions can be found at
www.oticon.global/fwupdate
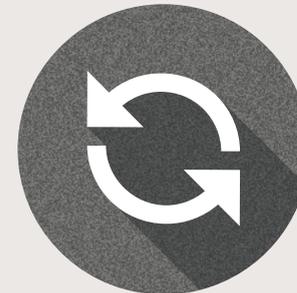
New SoundStudio

The new SoundStudio is a 3D sound application that runs on the fitting PC and utilises the speaker setup in your clinic. Its sound library has a large selection of virtual sound scenes to simulate common listening situations in the fitting room. Sound scenes are composed of various signals, such as speech, music, sounds from natural and technical sources as well as background noise situations. SoundStudio improves your customers' understanding of the benefits of hearing aid features in complex listening situations. Customer satisfaction also improves as a result of addressing and fixing listening problems in difficult situations.

REM AutoFit

REM AutoFit is an intuitive tool in Oticon Genie & Genie 2 that allows you to complete the REM process in under six minutes*, making the fitting more efficient whilst ensuring you maintain high quality and control over the fitting. You don't need to run Genie & Genie 2 and the REM software in parallel. REM AutoFit communicates with the REM system for you to run all measurements within the fitting software. REM AutoFit automatically adjusts the hearing aid gain to match the target and also enables you to further fine-tune or personalise the fitting by manually fine-tuning and verifying the fitting, all within Genie & Genie 2. REM AutoFit incorporates some key updates with an intuitive guided workflow, live traces, binaural measurements and International Speech Test Signal (ISTS).

*Tested on Interacoustics and MedRx equipment

What's new in Genie?

Bimodal fitting panel

The bimodal fitting panel in Genie is designed to let you do a quick and easy bimodal fitting, with high flexibility - meeting individual client cases by giving you a wide range of high-frequency cut-off options and adjustment of low-frequency emphasis and loudness balancing.

The bimodal fitting panel is available when fitting monaural super power hearing aids (Sensei SP and Dynamo families).

Quick tools menu

The quick tools menu is an efficient way for front-desk personnel and technicians to easily load the latest NOAH session into the hearing aids and pair a streamer or a remote control. The menu can be enabled/disabled from the preference menu in Genie.

Client target – NAL-NL1 & NAL-NL2

The simulated gain curve now considers your chosen coupling, style and acoustics, and calculates the curve based on these. This means that you can now see the effects of your choices more clearly and it is now much easier to compare what you see on your Genie screen with your external verification equipment screen. Client Target view is for Genie 2016.2 implemented for NAL-NL1 and NAL-NL2.

Installation Guide

▎Installation

Installation of the software will install both Genie 2 & Genie. If you already have Genie installed, it will automatically be updated and client sessions will be visible in both Genie 2 and Genie.

The installation program will start automatically when you insert the Genie 2 DVD in the DVD drive. Otherwise open Windows Explorer, browse to the DVD drive and double-click "Setup.exe".

Follow the instructions on the screen. When using NOAHlink, please have it available and turned on for upgrading after the installation.

▎System Requirements

The system requirements to install and use Genie 2 & Genie are listed below:

Hardware requirements
- CPU: Intel Core i5, 4 cores, 2 GHz or faster
- 4 GB RAM or higher
- 8 GB free space on the hard disk
- Screen resolution: minimum 1280 x 1024 pixels
- USB 2.0 port for the FittingLINK 3.0
- DVD drive, keyboard and mouse
- Stereo or 5.1 surround sound card (recommended)

Operating System
- Windows 7 SP1 (32/64 bit)
- Windows 8 (all editions except RT)
- Windows 10 (32/64 bit)

▎Optional Tools
- NOAH 4 (if not running Genie stand-alone)*
- A browser for access to Oticon web pages
- A PDF reader to read PDF documents
- We recommend that you protect your system by installing anti-virus protection.

▎Stand-alone Genie and stand-alone database

A Client module is automatically installed as part of Genie 2. If Genie 2 is running without NOAH (stand-alone mode) an additional Organiser button appears (CLIENTS).

In the Client module you can enter demographic data, such as client name, date of birth and address and the audiogram. Client data is automatically saved in the Genie 2 database and used for the subsequent fittings.

To start Genie 2 in stand-alone mode, click the Windows Start button, Programs, Oticon folder and then Genie 2.

* Do not install Genie on a NOAH 2 or 3 system. Your Oticon fitting data in the NOAH 2 or 3 database will then no longer be accessible.

Genie 2 Overview

This is an overview of the functionality and main features and tools in Genie 2. You can use it to learn about the typical steps and tools used for fitting in Genie 2.

Genie 2 Organiser – Horizontal Navigation

1. CLIENT: Appears only when running Genie 2 outside NOAH
2. COUNSELLING: Appears only if Oticon Counselling Tools has been installed
3. FAMILY: Selection of hearing aid family (currently only Oticon Opn in Genie 2)
4. SELECTION: Selection of hearing aid style and features
5. FITTING: Fine-tuning of gain, automatics, feedback analysis and settings
6. END FITTING: Verify/set user buttons, indicators and accessories. Save, program and exit

Genie 2 Task Pane – Vertical Navigation

In each horizontal Organiser step, the vertical organiser Task pane on the left side gives you access to tools and links which are related to where you are in the fitting process.

Family Step

Once you have chosen your client in NOAH or under CLIENT in the Genie 2 stand-alone software, you will enter the FAMILY step. From there choose one of the following:

1. **Connect Hearing Aids**:
   Open and close battery doors of hearing aids for detection with FittingLINK 3.0 and click "DETECT," or attach hearing aids with cables and click "DETECT"

2. **Simulate Connection**:
   Click "Opn 1" to simulate connection of hearing aids

Selection Step

In this step, you specify your choices further by specifying the options shown below.
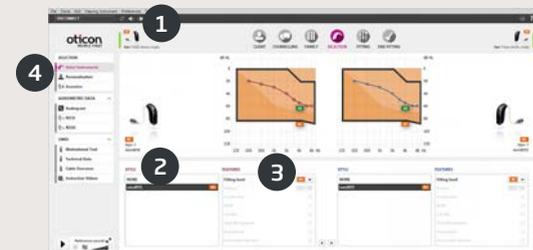
1. View of selected style, power level, and acoustics as well as connection status
2. Selection of hearing aid style
3. Selection of power level of receiver

4. Task Pane tools
   a. Personalisation – customises first fitting for your client's specific needs
   b. Acoustics – selection of dome and venting options

▌Personalisation Screen

This is where you customise the hearing aids for your client. It is an important step in all Oticon fittings.

1. Specification of gender, age and experience level of your client
2. LISTENING PREFERENCES: Five questions to ask your client. For optimal customisation results, play the accompanying sound samples at a comfortable level for the client
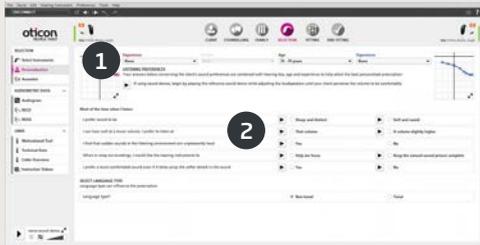
▌Fitting Step

Gain and automatics defaults are based on the information you provided under Personalisation but they can be changed or verified in the FITTING step. If adjustments are required, consider using the Adaptation Manager before fine-tuning individual frequency bands.

1. Connection Bar: Verification that hearing aids are connected
   a. Grey: not connected
   b. Green: connected and settings are programmed and saved in hearing aids
2. GAIN CONTROLS & Adaptation Manager
   a. Gain trimmers for soft, moderate and loud sounds
   b. Settings of the adaptation level (1-3)
   c. Arrows give access to MPO and more/fewer fitting bands
3. SOUND CONTROLS
   a. Brightness Perception trimmer: Changes brightness of sound
   b. Soft Sound Perception trimmer: Changes audibility of soft sound
4. Graphs and graph views
   a. Curve type
   b. Signal type
   c. Input levels
   d. Target view
   e. Feedback cloud
   f. Compression ratios

5. OpenSound Navigator: New feature to help you adjust how the hearing aids perform in simple to complex listening environments (see separate section)
6. Program Manager
   a. Add programs using the down arrows, choice of prescriptive rationale
   b. Naming of programs
   c. Activation of Auto Phone Program
7. Feedback Analyser: Analysis of feedback risk (see separate section)
8. Oticon SoundStudio: demonstration of various sound environments to help ensure that the client is fitted successfully

❙ OpenSound Navigator Screen

This screen is used for verifying or changing the default settings prescribed through your client's Personalisation information. Prescribed settings are marked with a ↻. The screen is also used to adjust how the client's hearing aids perform in simple to complex environments.
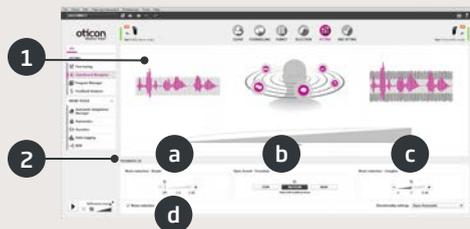
1. OpenSound Navigator response: graphical view of changes made in YouMatic LX, pertaining to directionality and noise reduction settings in simple to complex environments

2. YouMatic LX settings:
   a. NOISE REDUCTION – SIMPLE: noise reduction settings for simple listening environments
   b. OPEN SOUND – TRANSITION: lets you choose the amount of help (Low, Medium or High) your client needs in order to be able to focus on speech in noisy environments. The Transition Bar right above it reflects your choices graphically by showing you at what point help will kick in for your client. Alternatively, you can choose a non-adaptive directionality, Pinna Omni, or the Full Directionality option in the lower right corner
   c. NOISE REDUCTION – COMPLEX: noise reduction settings for complex environments
   d. NOISE REDUCTION: allows complete deactivation of noise reduction

❙ Feedback Analyser Screen

Feedback analysis is recommended for new fittings and whenever fitting parameters change.

1. START: Runs a feedback analysis with chosen acoustics, style, and coupling
2. UNDO: Deletes the analysed feedback margin
3. Noise Level Meter: Indicates noise level in room and allows clinician to monitor when the environment is too loud for valid feedback analysis
4. GAIN ADJUSTMENT: Adjustment of gain after feedback analysis
5. FEEDBACK SHIELD: Disabling of anti-feedback system

END FITTING Step

The End Fitting screen is the last screen in the fitting process. Here you can verify correct programs, rationales and settings. The following end-of-fitting functions are also available:

1. Save and Exit: overview of final hearing aid settings and functionality
2. Buttons and Indicators:
   a. Activation/deactivation of program switch
   b. Activation/deactivation of volume control (VC)
   c. Demonstration, activation and deactivation of alert sounds under BEEPS
   d. Monaural/binaural coordination of programs, VC, and mute functions
3. Accessories:
   a. Management of volume level and balance of paired smartphone and TV adapter
   b. Management of phone programs
4. Save, program and exit: Saves and programs final settings and adjustments into your client's hearing aids. Settings and adjustments have also been saved continuously throughout the fitting so it is always safe to disconnect the hearing aids without losing important data.

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