

Phonak Target 6.1

Phonak Target Fitting Guide



The Phonak Target fitting software is intended to be used by qualified hearing care professionals to configure, program, and fit hearing aids to client-specific requirements. This guide provides a detailed introduction to hearing aid fitting with Phonak Target. In addition, you can find [News] in the Phonak Target start screen.

For the following features in Phonak Target, specific fitting guides are available (*in selected countries):

- Junior mode**
- Naída Link**
- Phonak Remote Support***
- Phonak Target/ALPS***
- SoundRecover2**
- TargetMatch**
- Tinnitus balance**
- Verification**

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Structure and navigation

The three tabs **[Client]**, **[Instruments]** and **[Fitting]** as well as the dashboard above offer you easy navigation and status information.

The dashboard shows the fitting status and also offers shortcuts.

Client Target, Phonak	Instruments Audéo M30-312	Fitting Calm situation (Q)
All client information, such as personal data and audiogram, are found on this tab.	All hearing aids, acoustic parameters, remote controls and other accessories are found here. Note: Hover over hearing aid icon to get more information about battery state of charge (rechargeable only) and Roger license.	All device adjustments are done here.

Preparation of the hearing aids and CROS

iCube / iCube II / Noahlink Wireless

No cables to the hearing aids are needed. Just insert the battery and turn on the hearing aid by closing the battery compartment. For rechargeable, turn on the hearing aid.

For the fitting of CROS II or CROS B it is recommended to use iCube II as it enables faster fine tuning and instant demonstration of the CROS system.

CROS II can only be fit with Venture hearing aids.

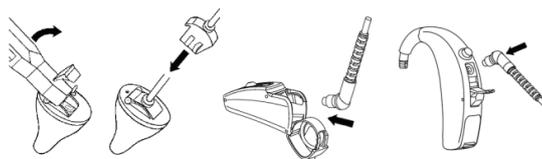
CROS B can be fit with Belong™ hearing aids (except rechargeable).

CROS B-R can only be fit with Phonak Audéo B-R hearing aids.

NOAHlink or HI-PRO

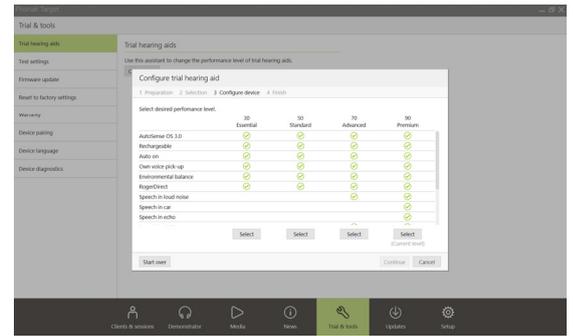
Connect the programming cables to the hearing aids and the fitting device.

For CROS fittings, it is not possible to demonstrate CROS with cables connected.

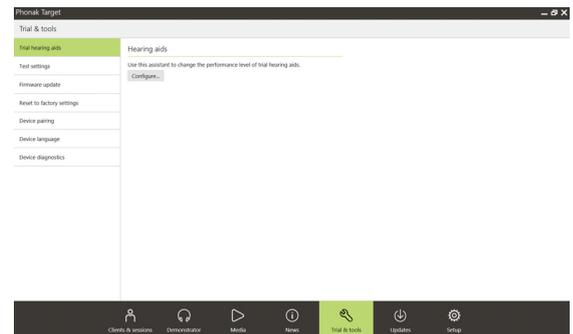


Preparation of Phonak Marvel trial hearing aids

Phonak Marvel trial hearing aids offer the ability to change performance levels in one device. Click **[Trial & tools]**, select **[Trial hearing aids]** and then **[Configure]** to start.



Select the desired performance level and press **[Continue]**. Once the process is complete, the devices are ready to be fit in a fitting session.



Connect the hearing aids

Open the fitting session and confirm that the correct fitting device is shown. To change the fitting device, use the pull down arrow next to the fitting device in the dashboard.



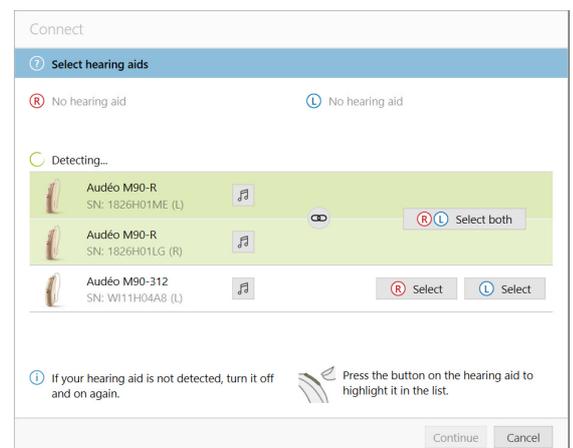
Click **[Connect]** to start the fitting. The connected hearing aids will appear in the dashboard.

For direct connectivity devices:

- Devices available for pairing will automatically appear.
- If a device is not found, open/close the battery door or turn off/on rechargeable hearing aids to set into pairing mode.
- Press the push button or multi-function button on the hearing aid to highlight it in the list when multiple devices are available or to confirm the side to assign to a client.
- Devices fit previously together are seen as a linked pair.

For all new fittings, a suggested client experience level based upon fitting session information available - will be offered.

The audiogram data from NOAH will be automatically imported into Phonak Target and taken into account for the pre-calculation. In a standalone version of Phonak Target, enter the audiogram in the **[Audiogram]** tab.

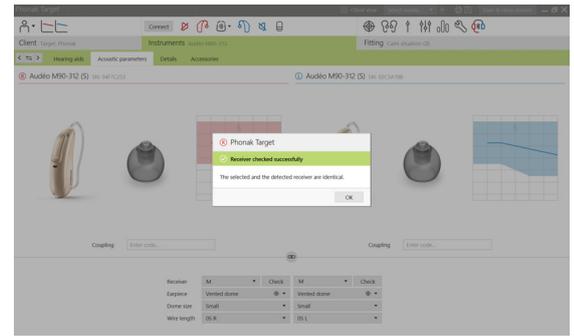


Receiver check

Phonak Target checks when devices are first connected whether the attached receiver on Audéo B and Audéo M devices match what is selected in the **[Acoustic parameters]** screen.

If there is a mismatch, Phonak Target will notify and prompt you to check the receiver. You can then swap out the receiver or change the acoustic parameter selection.

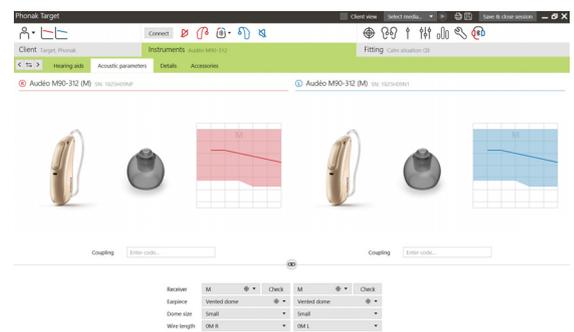
To initiate a re-check of the receiver, click **[Check]** in the **[Acoustic parameters]** screen.



Check the acoustic parameters

Phonak Target automatically links acoustic parameters together when they are the same. You can view, change or unlink the acoustic parameters at any time.

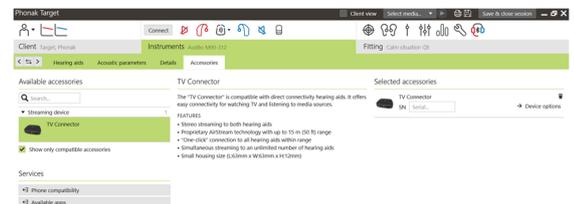
Click on the tab **[Instruments]** > **[Acoustic parameters]**. Enter or confirm the correct coupling information.



Accessories

Depending on the connected hearing aids, Phonak Target can automatically identify connected accessories during the fitting session. The identified accessories are shown in the dashboard next to the connected hearing aids.

Accessories can also be manually selected in the tab **[Instruments]** > **[Accessories]**.



During the save procedure, the accessories are listed in the save dialog.

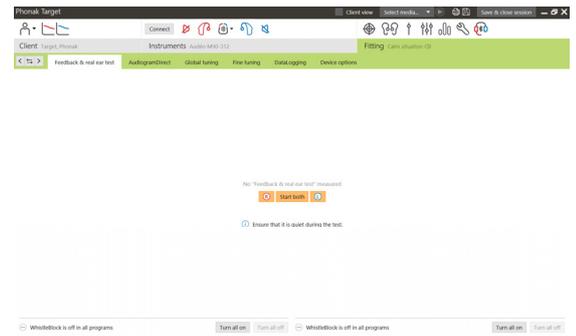
Important: When streaming from accessories, CROS will be automatically disconnected. CROS will automatically reconnect when streaming is stopped.

Fitting

Click on the tab **[Fitting]** to access the **[Feedback & real ear test]**.

The feedback test can be run in both ears, or one ear at a time. Click **[R]** / **[Start both]** / **[L]** to start the test.

To use the test results to calculate the predicted RECD and the acoustic parameter settings, select the check box **[Use estimated RECD & vent]**. The checkbox will be available only if the system can do the RECD and vent estimation.



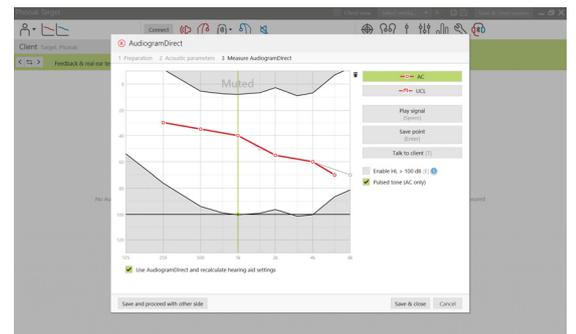
AudiogramDirect

Confirm the **[Feedback & real ear test]** has been run prior to using AudiogramDirect.

Click **[AudiogramDirect]** > **[Start]** to test hearing thresholds and UCLs using the connected hearing aids. For air conduction thresholds, **[Pulsed signals]** are available.

Previous hearing tests can be compared and reviewed by clicking on **[History]**.

To change the default AC and UCL measurement behavior, go to **[Startup]** > **[Fitting session]** > **[AudiogramDirect]**.

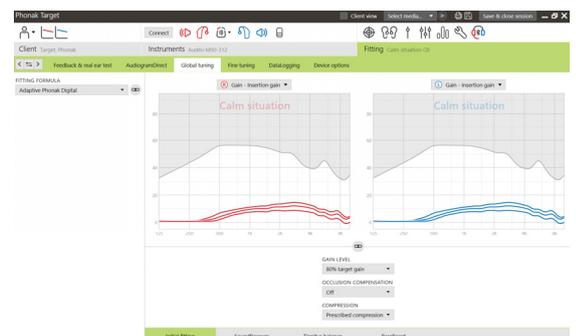


Global tuning

Go to **[Global tuning]** > **[Initial fitting]** if adjustments to the Gain level, Occlusion compensation, or Compression are required. The gain level and compression settings are based on the client's usage experience and the selected fitting formula.

Depending on the connected hearing aids, additional tools such as **[Tinnitus balance]** and **[CROS Balance]** can be accessed via the tab in the lower part of the screen.

- To adjust the loudness ratio between the CROS device and the hearing aid, click on **[CROS Balance]**.

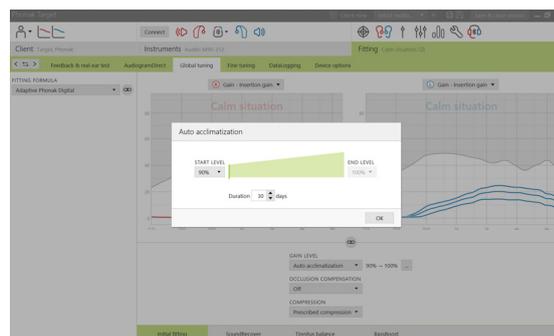


Auto acclimatization

Confirm the **[Feedback & real ear test]** has been run before using auto acclimatization.

Select **[Auto acclimatization]** in the Gain level menu in the **[Initial fitting]** tab.

Click on **[...]** to specify the Start level, the End level and the duration in which the gain of the hearing aid automatically increases to the set End level.

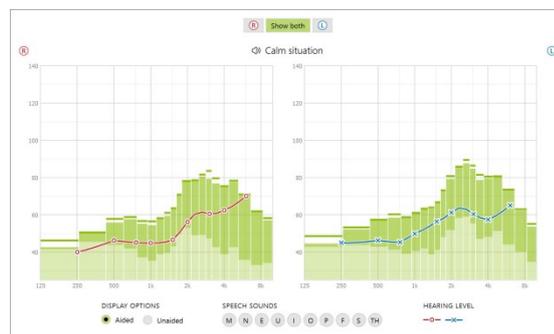


Real Time Display

Click on **[Client view]** to access the Real Time Display.

The Real Time Display is available for all hearing aids as a fitting curve display option, in a client-friendly enlarged view or on a second screen.

Speech intelligibility improvements, gain, output, SoundRecover and channel resolution can be easily demonstrated, especially with the provided stereo or surround sound samples.



Fine tuning

The left side of the **[Fine tuning]** screen is used for the handling of the programs.

Click **[All programs]** to adjust all programs simultaneously.

Click **[AutoSense OS 3.0]** to modify all acoustic automatic programs or **[AutoSense OS 3.0 (streaming)]** to modify AutoSense OS for streaming.

To modify a single program, click on the program, e.g. **[Calm situation]**, in the list and adjust as needed.

Click on the **[+]** icon to add an additional manual program.

You can manage the programs by clicking **[Program manager]** above the programs. It will allow you to make further program adjustments.

The undo/redo function is located in the menu bar at the top of the screen and can be used to undo or redo steps in the fine tuning screen.



The tabs in the lower part of the screen will offer you access to the fitting tools. Each tool offers specific modifiers to fine-tune the hearing aid.

Gain & MPO

Select gain values with the cursor to adjust them. The gain values are adjustable for soft, moderate and loud input sounds. The optimum fitting range is available if the individual UCL values were entered into the client's audiogram.

To modify the MPO simultaneously in all channels, click **[MPO]** shown on the left beside the MPO values. The overall gain can be changed by clicking **[Gain]**.

The compression ratio of each channel is shown in the row directly underneath the gain values.

Audibility fine tuning

Selectable sound samples and the related gain are shown in the curve display. The sound samples can be played to simulate a specific listening environment.

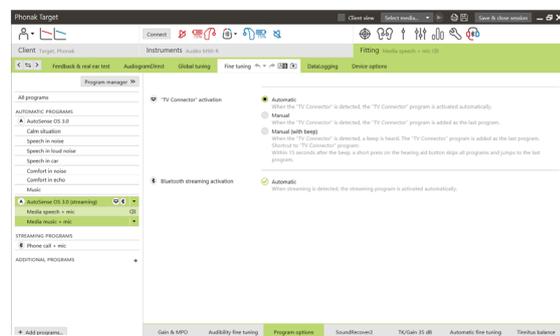
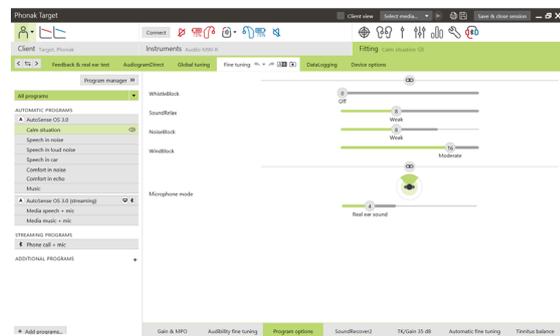
The gain values are displayed for soft, moderate and loud input sounds. Adjustments affect only gain levels and frequencies which are relevant to enhance the audibility of the selected stimuli, indicated by the different shades of red/right and blue/left.

Program options

Program options can be adjusted from the default settings. The current settings are positioned on scales numbered between 0 and 20. Additionally, the available ranges within each scale are visible and depend upon performance level.

For direct connectivity hearing aids, the default switching behavior to access streaming can be modified (i.e. TV Connector, Roger™, Phonak PartnerMic™):

- **[Automatic]** - the hearing aids will automatically switch and receive a streamed signal (default).
- **[Manual (with beep)]** - a beep is heard in the hearing aids and the client manually accepts to receive a streamed signal.
- **[Manual]** - no beep is heard and the program is added as the last program.
- These behaviors are available for TV Connector, Roger and Phonak PartnerMic.



SoundRecover2 / SoundRecover

The individual SoundRecover settings, set by the pre-calculation, can be fine-tuned. For binaural fittings, the cut-off frequency and the frequency compression ratio are calculated based on the better ear.

Please check the SoundRecover settings if incompatible hearing aids are to be fitted together in one session.

SoundRecover2

Set the strength of SoundRecover2 according to your clients preference for Audibility or Distinction.

Audibility makes high frequency sounds more audible as they are shifted to the better low frequency area. Distinction increases the differentiation of audible high frequency sounds like S and SH.

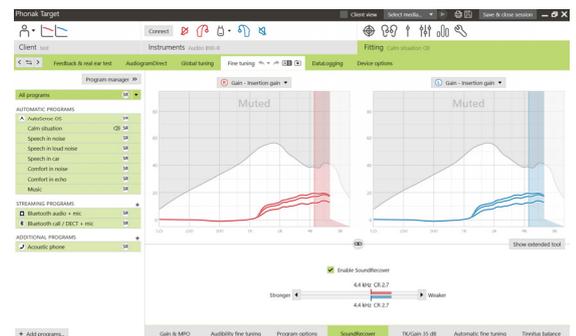
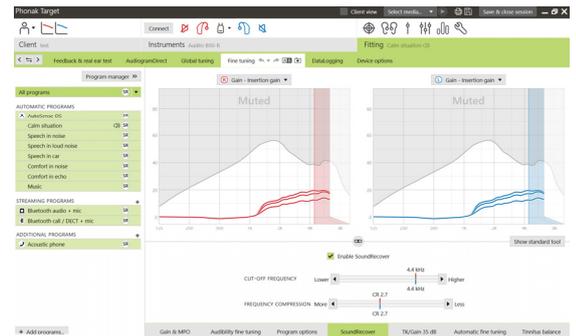
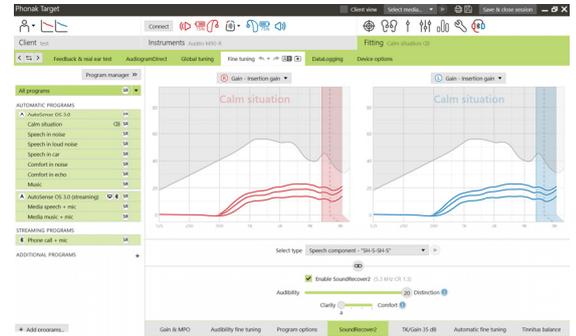
Depending on the settings of Audibility and Distinction, adjust the settings for Clarity and Comfort.

Comfort makes sounds, such as male voices, own voice or music, more natural. Clarity adjust the audibility and distinction of high-frequency sounds if they sound altered.

SoundRecover

The strength of frequency compression can be increased or decreased as desired to improve speech intelligibility, audibility and sound quality.

The SoundRecover fitting tool can be extended to adjust independently the cut-off frequency and the compression ratio. Click **[Show extended tool]** to do this.



TK/Gain 35 dB

The amplification of very soft (G35) input sounds can be adjusted. An increase of gain for very soft input sounds lowers the threshold knee point (TK) and vice versa.

Select the values with the cursor to adjust them. Underneath the gain values the TK values are shown for each channel. The gain/output curve for very soft input sounds is shown in the curve display.



Automatic fine tuning

This is a situation-based fine tuning tool. The available adjustments are dependent on the client's evaluation of the sound situation.

The fine tuning steps are clearly displayed before the action will be applied. Depending on the selected program a recommended sound sample is pre-selected.

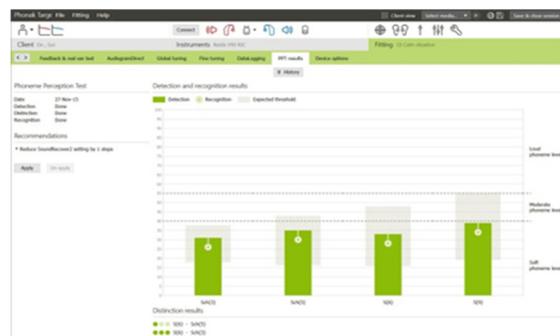
The sound samples can be played to simulate the listening environment.



Phoneme Perception Test results

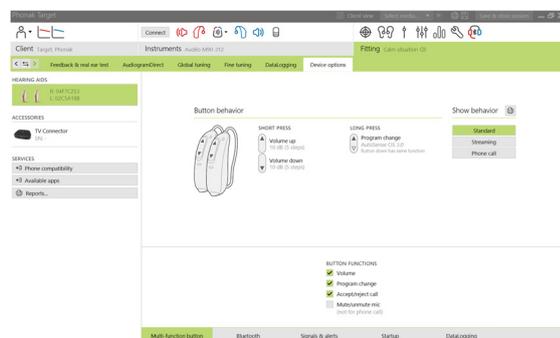
Results of a previous Phoneme Perception Test can be shown and applied to improve the fitting. The screen **[PPT results]** is only accessible, if compatible test results are available in the NOAH session results list.

Please note: Fine tuning recommendations will be provided only, if the fitting formula Adaptive Phonak Digital is used.



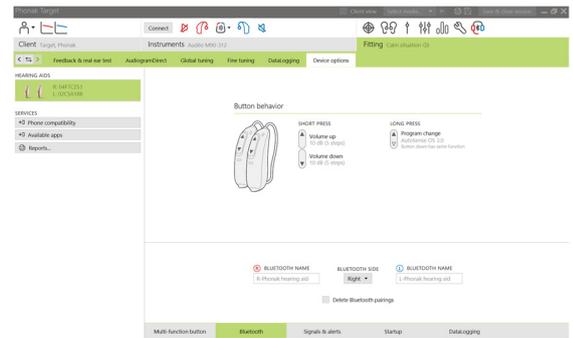
Device options

By clicking **[Device options]** you can configure hearing aid options such as push button or multi-function button behavior, signals & alerts, startup behavior or datalogging.



For direct connectivity devices:

- Additional settings such as configuring the Bluetooth name, side and managing pairings can be found by clicking on the **[Bluetooth]** tab.



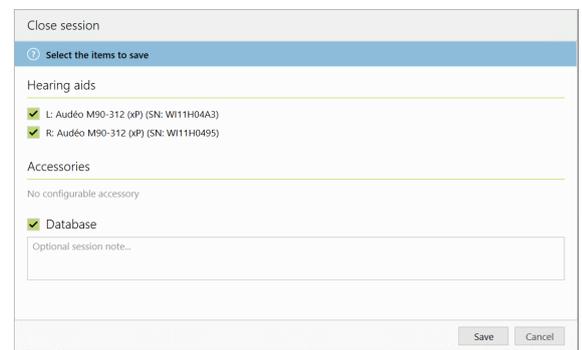
Finishing the fitting session

You can close the session at any time by clicking **[Save & close session]** in the top right corner of the screen. Select the items to save. Phonak Marvel trial hearing aids will default automatically to the maximum trial period of 6 weeks.

The standard save dialog will confirm the successful save of the hearing aids and accessories.

After the save, Phonak Target will guide you to the start screen.

If you are working under NOAH, you can go back to NOAH by clicking on **[Back to NOAH]** at the top right corner of the start screen.



Information and description of symbols



With the CE symbol, Sonova AG confirms that this product meets the requirements of the Medical Devices Directive 93/42/EEC. The numbers after the CE symbol correspond to the code of certified institutions that were consulted under the above-mentioned directive.



Indicates the medical device manufacturer, as defined in EU Directive 93/42/EEC.



Indicates the manufacturer's catalogue number so that the medical device can be identified.



Consult instructions for use. Instructions can be obtained on the www.phonakpro.com website.



Provides further clarification about a feature or functionality or highlights relevant fitting information being applied



Indicates a restriction in functionality that may impact the end user's experience or highlights important information that requires your attention

System requirements

Operating system	<ul style="list-style-type: none">• Windows 10, Home / Pro / Enterprise• Windows 8 / 8.1, latest SP, Pro / Enterprise• Windows 7, latest SP, Home / Professional / Business / Enterprise / Ultimate
Processor	Intel Core or higher performance
RAM	4 GB or more
Hard disk space	3 GB or more
Screen resolution	1280 x 1024 pixels or more
Graphic card	16 Million (24bit) screen colors or more
Drive	DVD
Serial COM port	Only if RS-232 HI-PRO is used
USB ports One for each purpose	<ul style="list-style-type: none">• Wireless adaptor with Bluetooth® technology*• Accessory programming• HI-PRO if used via USB port• Noahlink Wireless
Programming interfaces	Noahlink Wireless / iCube II / iCube / NOAHlink / RS-232 HI-PRO / HI-PRO USB / HI-PRO2
Noahlink driver	Latest version available
Noahlink Wireless driver	Latest version available
Internet connection	Recommended
Sound card	Stereo or surround 5.1
Playback system	20 Hz – 14 kHz (+/- 5 dB), 90 dB
NOAH version	Latest version (NOAH 4.4 or higher) Please check the NOAH limitations for Windows 64 bit operating systems on http://www.himsa.com
TargetMatch	NOAH Version 4.4.2280 or higher Otometrics Otosuite 4.84.00 or higher Otometrics AURICAL FreeFit for REM & AURICAL HIT for test box measurements

*The Bluetooth® word mark is a registered trademark owned by the Bluetooth SIG, Inc.

CE mark applied 2019



Manufacturer:

Sonova AG
Laubisrütistrasse 28
CH-8712 Stäfa



058-0125-061

Phonak Target 6.1 DVD