



Desk Reference

Cochlear® Hear now. And always

Baha[®] Fitting Software 6

Desk Reference

Set-up

This guide provides an overview of the Cochlear[™] Baha[®] Fitting Software (BFS) for programming the Baha 6 Max sound processor.

Assistance for programming sound processors of earlier generations^{*} can be found in Systems Desk Reference or Baha Fitting Software Desk reference.

Installation

Download the software from the Cochlear Software Distribution Service (CSDS) and run the installation Program. When the download is completed, open the location of the downloaded file and start the installation by double clicking the set-up file, named e.g., "SetupBahaFittingSoftware6.exe." You are required to install the software from a local hard drive (e.g., C:) and not a network drive or removable media.

Refer to the user manual or contact your Cochlear representative for further installation support.

To help us continually improve the software and services, Cochlear would like to receive de-identified information about the use of the software. During installation you will be asked to agree or disagree to participate. If you agree to participate, the software will periodically send computer and software analytics (e.g. error logs, hardware and software configuration details etc.) and de-identified recipient analytics (e.g., age, hearing loss, connection type etc.)

System requirements:

- Windows 10 Anniversary Update (Version 1803) or later (64-bit),
- Windows 8.1 64-bit or Windows 7 SP1 32-bit, 64-bit
- Compatible with Noah 4.5 or later (Noah 4.9 or late is recommended).
- Acrobat Reader 9 or equivalent.
- .NET framework 4.6.1 or later (.NET framework 4.7.2 is recommended)

Version information

Access "About" in the Settings menu to display the software version and view regulatory information.



Cochlear[™] Baha[®] Fitting Software 6

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Fig. 1: Splash screen



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Fig. 2: About panel

* Earlier generation sound processors: Baha 5 Sound Processor Baha 5 Power Sound Processor Baha 5 SuperPower Sound Processor Baha 4 Sound Processor **BP100 Sound Processor BP110 Power Sound Processor**

Navigation – Cochlear Fitting Suite

Navigation within the software

When opening the software, you will first enter the Cochlear Fitting Suite, a single point of access, where you select which generation of sound processor you would like to fit.

For information on the feature set for the Cochlear Baha Sound Processors, click the "i" icon next to the image of the Sound Processors.

To launch the software from the Cochlear Fitting Suite, select the Baha[®] 6 Max Sound Processor, click **Start**. Enter "Training mode" by ticking the checkbox prior to clicking start. Training mode enables you to simulate all fitting scenarios without connecting a sound processor.

To navigate back to the Cochlear Fitting Suite in Baha[°] Fitting Software 6, click the **Fitting Suite** icon.

Cochlear-Fitting Suite	Cochlear 🕼
Baha® 6 Max Sound Processor	
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Fig. 3: Cochlear Fitting Suite home screen



Navigation – Workflows

Several fitting workflows are available to guide you through different fitting scenarios.

- First fitting connection will guide you through all necessary steps to fit a new sound processor to a patient. Any data saved in the sound processor prior to the session will be removed.
- Follow-up fitting connection is a simplified connection flow that will send you directly to the adjustment screen to perform adjustments to the sound processor.
- Upgrade sound processor will guide you through all necessary steps to upgrade a patient to Baha 6 Max Sound Processor. Patient information, BC Select and audiogram can be read and applied from a previous file, assuming it was a Baha 5 Sound Processor fitting. Note that this workflow can be used even if the patient is upgrading from another sound processor but if so, data will not be read from file.
- Unilateral to bilateral is created for the unilateral Baha[®] 6 Max user who is upgraded to bilateral use. Note that if the first sound processor is not a Baha[®] 6 Max, this fitting flow cannot be used, and the sound processors needs to be programmed separately in the applicable software.
- Create a patient file allows you to prepare a patient file and save prior to the fitting session.
- Reset to out of box settings removes all patient data from the sound processor and resets the gain and features to out of box settings.
- Set up replacement sound processor guides you through setting up a replacement device to a patient. Note that a patient file needs to be available to perform this activity.
- Set up demo sound processor enables you to prepare an individualized demo device to a patient using a saved audiogram. Gain and the features will be optimized for a demo in the clinic. Note that for a home trial First fitting connection is recommended.
- View file allows you to view a patient file without connecting a sound processor.

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Fig. 4: Activity selection

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Fig. 5: Previous and Next buttons

Previous and Next

Once connected you can navigate through the workflows using the **Next** (B) and **Previous** (A) buttons in the lower panel.

Navigation

Importing a previous session or patient

If you are working in standalone mode and have previously saved patient data, click the Import button to import the saved patient data. Baha Fitting Software supports .nhax and .enhax file formats.

Top menu

You can use the top menu throughout the fitting to access all screens available.



Fig. 6: Menu

A Cochlear Fitting Suite: Returns to the Cochlear Fitting Suite for selecting sound processor generation.

B Patient: Enter information about the patient and hearing care professional (in standalone mode).

C Prescribe: Configure the sound processor to match the patient's thresholds, profile and listening needs.

D Fitting: Adjust gain and features of the sound processor to match patient preferences.

E Save: Continue or reset data logging, save settings to the sound processor or file system and access and print a session report.

F Data logging: View settings and environment statistics collected through the sound processor.

G Comments: Opens a text editor used to enter fitting session notes.

H Settings: View installed software component versions and legal/labeling information as well as choose language and manage Audit trail log. Providing or declining consent to share de-identified patient fitting information for purposes of statistics collection can also be found here.

I Help: View information for sound processors and fitting assistance. View available instructional videos.

Connection

Connecting a sound processor

Activity selection screen will automatically appear prior to connecting. Once a fitting workflow is selected, you can connect the sound processor.

Place a fresh battery in the processor and turn it on.

- 1. Select the appropriate fitting workflow and press Start.
- 2. Select the processor and side you wish to program, click Connect. If there is a mismatch between data available in the sound processor or file, you will be notified.
- 3. Perform a Feedback Analyzer test to measure the patient's individual feedback path and reduces the risk of feedback.
- 4. Click Next and proceed to the next recommended step in the fitting workflow.



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Fig. 7: Activity selection

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Fig. 8: Sound processor detection



Fig. 9: Connection and Feedback Analyzer

Connection

Connection buttons and indicators

The green marker beside the Sound processor name indicates that the Sound processor is connected.	Baha 6 Max
Unmuted/live	
Muted	
By clicking the connection icon you will get access to the connection screen where you can connect or disconnect Sound processor as well as access the Feedback Analyzer test.	×

Bilateral Linking

Bilateral linking is available throughout the fitting. When Bilateral Linking is on, changes made to a sound processor on one side it will be applied to the contralateral side processor. When turned off, separate adjustments can be made to each side. When two sound processors are connected as a bilateral pair, the bilateral linking will be activated. It can be turned off and on as required throughout the workflow.



Fig. 10: Bilateral	Linking –	linked (left),
unlinked (right)		

Feedback Analyzer

This test measures the individual feedback margins, known as the Individual Stable Gain (ISG), for the sound processor when fit on a patient. To maximize the available headroom in a sound processor, ensure the test is performed in a quiet environment, with limited movement from the patient.

Patient Information

In the patient information screen, patient and hearing care professional information can be entered or displayed. The information that appears here can be printed in the Session report at the end of the session.

When accessing the software through an office system (like Noah), Patient information and Audiogram screens will be automatically filled in. It is only possible to edit the fields from within the office system.

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Fig. 11: Patient Information

Audiogram

By selecting the icons for Air Conduction (AC) or Bone Conduction (BC) in the center of the screen, the audiogram thresholds can be entered or modified. If in Noah mode, make sure that appropriate thresholds (unmasked BC) are entered in the office system prior to launching BFS.

AC thresholds are not used in the prescription calculation.

Entering hearing thresholds

500 There are two ways to plot the patient's \tilde{he} aring $\tilde{500}$ thresholds:

- Plot the hearing thresholds in the audiogram by pointing and clicking with a mouse. Thresholds can be entered in 5 dB increments in the graph.⁷⁵⁰ **Or:** Enter hearing thresholds directly in the 15 table below the audiogram using the keyboard. Thresholds can be entered in 1 dB increments.
- To enter a No Response (NR), enter a threshold, then right-click the threshold and select No **Response** from the drop-down list.
- Thresholds can be removed or modified for Air Conduction, Bone Conduction, Masked, or Not masked by right clicking the value and selecting from the drop-down list.
- For SSD, contralateral BC thresholds will be used as a baseline for the Cochlear Bone Anchored Prescription (CBP) therefore; hearing thresholds for both ears are needed. 110
- Ę NOTE

The prescription is based on the unmasked BC thresholds in the audiogram, but it will use masked BC thresholds if unmasked are unavailable. If some thresholds are missing 112 or listed as No Response, the fitting software will estimate a value based on the adjoining thresholds. AC thresholds will not be considered.



Fig. 12: Audiogram

1.5k 2k 750 \mathbf{A}^{k} udiogram buttons

Air Conduction / Bone Conduction AC button: Click to enter either bone sonduction (BO)) or air 8k BC conduction (AG) thresholds. 5 5 Masked / unmasked button: Μ Click to note masking for either AC or BC thresholds.

Copy buttons: Settings can be copied from one side to the other using the Copy buttons ("right to left" or "left to right").

Ear and Audiogram symbols

Right Ear, Left Ear	R	L	
Not ₁ masked BC _{4k 6k 8k}	<	>	1
Masked BC	Ε]	
Not masked AC	0	\times	
Masked AC	\triangle		
Not masked insert phone	-C	⊃-	
Masked insert phone	-	-	

BC Select

To match the patient's individual profile, select the choices that best describe your patient. BC Select is a mandatory programming step.

BC Select options and associated presets

- Patient age group
- Adult: Position Compensation on, one Program, auto directionality.
- 110 Child: Position Compensation on, one Program, 110 auto directionality Visual indicator Kon. 6k 8k
 - 500 750 1k 1.5k 2k 3k 4k 6k 8k • Infant: Position Compensation Off when used on
 - Softband, one Program. Visual indicator in pediatric mode (always on).

250	500	750	1k	1.5k	2k	3k	4k	6k	8k	
²⁵⁰ B	i fat	eral/	Bimo	odal	2k	3k	4k	6k	8k	
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- On takes bilateral summation into account and reduces overall gain by 3 dB.
- 20 -Bilateral **On** should be selected for both bilateral
- Baha fittings as well as bimodal fittings or when 30
- programming sound processors for a bilateral fitting 40 in separate sessions. 50
- Off bases gain on the prescription.
- Indication

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- Mixed/Conductive bases amplification on BC thresholds and BC Direct measurement.
- **SSD** uses BC thresholds in the good ear as basis 100 for prescription and compensates for interaural 110
- attenuation, accounting for sound transmission 120 across theohead. 1k 1.5k 2k 3k 4k 6k 8k
- If BC Direct values are available, the compensation will be based on the patient's specific attenuation, otherwise, average values will be applied. In
- addition, a low frequency cut and high frequency 250 boost is applied in order to optimize gain settings.
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Fig. 13: BC Select

System

- Baha Attract System provides a 1-to-1 compensation for every dB lost through skin attenuation, as indicated in the BC Direct measurement.
- Baha Connect System provides appropriate compensation for direct transmission of sound.
- Baha Start Softband provides a 1-to-1 compensation for every dB lost through skin attenuation, as indicated in the BC Direct measurement.
- Baha Start SoundArc[™] provides a 1-to-1 compensation for every dB lost through skin attenuation, as indicated in the BC Direct measurement.

BC Direct

BC Direct allows you to measure hearing thresholds directly through the Baha System.

In order to apply the correct prescription, either Audiogram or BC Direct data is required. The Cochlear Baha Prescription will prioritize BC Direct thresholds for mixed/conductive hearing losses on Baha Connect, but for Baha Attract, Softband, SoundArc[™] or SSD, both BC Direct and BC Audiogram thresholds will be used to calculate the gain required. If only one is available, average compensation values will be used. It is recommended to perform a BC Direct measurement at the first fitting, when changing connection type or changing magnet on the Baha[®] Attract system.

To conduct a BC Direct test

- 1. Click on BC Direct. The sound processor microphones are automatically muted. If you need to communicate with the patient, use the Talkback button. Use the slider to adjust the Talkback volume.
- 2. Click on the audiogram to select the frequency and intensity of the test signal. We suggest testing, as a minimum, the frequencies marked with a triangle; 500, 1k, 2k and 4k Hz.
- 3. Present a tone to the patient by clicking the Play Tone button or by pressing space bar. A tone will be presented through the sound processor for a minimum duration of 1.5 seconds. To extend duration click/press and hold. You may select a warble tone for BC Direct by clicking on the appropriate icon.
- 4. To change the output levels of the pure tone in steps of 5 dB, use either the up and down arrows on the keyboard or the mouse pointer.
- 5. The last level presented at each frequency is considered the BC Direct threshold and will be used by the software to apply amplification.

This test should be conducted in a quiet room. When used, allow the Cochlear SoftWear[™] Pad to adapt to the patient's head for five minutes prior to testing.



Fig. 14: BC Direct



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Warble & Pure Tone button

Play Tone button - Click to present a 1.5 sec tone. Click and hold to present a longer tone of maximum 5 sec.

Talkback button

Talkback volume slider - Use this to adjust the Talkback volume

Adjustments

Here you will be able to toggle between the Hearing Mentor and Fine Tuning and view the impact of your modification in the gain graph. You will also have access to Program Settings.

- Hearing Mentor: Adjust for loudness, sound quality, the patient's own voice, and performance in noise based on patient's comments.
- Fine Tuning: Adjust the gain and output settings for each program.
- Program Settings: Adjust features such as directionality, noise reduction and feedback reduction.

The gain graph

The gain graph consists of shaded areas and curves representing the actual performance from the sound processor and can be modified by the adjustment options listed above.

- The gray shaded area is beyond the output of the selected sound processor.
- The yellow shaded area is an area where there is a higher risk for feedback. It's possible to fine tune the gain up into this area, but not recommended. If the gain is fine tuned in to the yellow area information about the impact of feedback performance will be displayed.
- If you have performed a Feedback Analyzer test, its results will be shown as a black line under the yellow area. Prescribing gain above this point may increase risk for feedback.
- If a Feedback Analyzer has not been performed, a yellow shaded area indicating risk of feedback will still appear using an average, known as the First Fit Optimizer (FFO).
- Gain curves for G40 and G60 input levels are visible as red or blue curves respective to the side being programmed. G40 (input gain 40 dB) curves are shown as thin lines and G60 (input gain 60 dB) curves as thicker lines.



• By default, G40 and G60 gain curves, "Prescribed gain" (limited by FFO or Individual stable gain, ISG) and "Actual Gain" curves will be displayed.

Available curves

Prescribed gain (G40, G60) - amplification according to the prescription. Limited by the First fit optimizer (FFO) or the Individual stable gain (ISG).

Actual gain (G40, G60) – amplification delivered by the sound processor.



Fig. 16: Gain curves

Adjustments – Fine Tuning

Fine Tuning lets you adjust the gain and output levels per channel for each available program in the sound processor.

Adjusting gain and/or output

- To adjust the gain, select the frequency area and level you wish to change, and increase/decrease it using the up/down arrows on the screen. You can select multiple frequency areas and adjust them simultaneously.
- Adjust gain for soft sounds (G40), loud sounds (G60) or maximum power output (MPO).
- Compression ratio can be viewed in the gain charts and can only be modified by adjusting the G40 or G60 gain. Compression kneepoint is at 50dB SPL.

Displayed gain in the gain table

It is possible to change between different views in the gain table at the bottom of the fine-tuning screen by using the dropdown list selecting the desired gain value. The default view is displayed as Offset Gain from the prescribed gain starting at 0. Modification from the offset will be displayed in 1 dB steps. Positive values represent an increased gain and negative values a decreased gain. Force Gain values can be adjusted in the same way as the Offset Gain. The session report will only display Force Gain values. The force gain shows how much vibrational force (a logarithmic scale of decibels referenced to pressure output in micro Newtons (dBuN)) that the Baha Sound Processor is actually delivering in each frequency.

The software will remember the preferred option of displaying gain, so it does not have to be changed every time the software opens.

NOTE:

Changes made during the programming session are made directly in the sound processor but must be saved (see Save) to be made permanent.



Fig. 17: Adjustments – Fine Tuning

	250 - 500	750 – 1.5k	2k – 4k	6k – 8k				
G40	-4	-4	-2	0				
G60	-2	0	0	0				
CR	1.5	1.1	1.0	1.0				
МРО	0	0	0	0				

Fig. 18: Fine Tuning grid

Adjustments – Hearing Mentor

The Hearing Mentor lets you guickly and easily make overall changes to a sound processor for common patient comments.

- Loudness: Increase or decrease to adjust overall loudness of the chosen program in the patient's sound processor.
- Sound Quality: For a brighter sound with highfrequency emphasis, increase the setting. For a fuller sound with a flatter frequency response, decrease the setting.
- Own Voice: Increase or decrease to adjust the overall loudness of patient's voice.
- Performance in Noise: For a greater emphasis on softer high-frequency speech sounds in a noisy environment, increase this setting. For a more comfortable sound with less high frequency emphasis, decrease this setting.

This table shows a description of what is altered when making adjustments to the sound processor in Hearing Mentor

Softer	<u>^</u>	Loudness	<u>^</u>	Fuller
All -2	G40 (LF, MF -2)	Default	G40 (LF, MF +2)	All +2
Fuller	<u>^</u>	Sound quality	<u>^</u>	Brighter
G40 (HF -2), MF +2)	G40 (HF -2)	Default	G60 (HF +2), (LF -2) G40 (HF +2)	G60 (HF +2) G40 (HF +2), (MF, LF -2)
Softer	0	Own voice	0	Louder
G40 (MF, LF -2)	G40 (LF -2)	Default	G40 (LF +2)	G40 (MF, LF +2)
Comfort		Performance in noise	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Clearer
G40 (All -2) HF = High Frequencie	G40 (LF -2) es, MF = Mid Frequencies, L	Default F = Low Frequencies.	G40 (HF +2)	G40 (LF -2), (MF, HF +2)

-2/+2 = Decrease/Increase 2 dB steps (e.g. HL, SPL, μN) steps.



Fig. 19: Adjustments – Hearing Mentor

NOTE:

The sliding selector tool for Loudness, Sound Quality, Own Voice and Performance in Noise will return to the center if any subsequent changes are made in the Fine Tuning settings. A change in the Fine Tuning settings will create a new default setting for the Hearing Mentor to allow maximum flexibility.

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Program Settings

Programs are accessed in the Adjustments screen by clicking the icons for each program. Feature settings can be controlled on a per program basis.

Working with programs

- Up to 4 preconfigured program types (Everyday, Music, Noise and Outdoor) can be activated in the sound processor by clicking on the program buttons and selecting from the drop-down list in the program setting screen.
- To disable a program click "Remove program "in the program setting screen.
- To copy a program and its settings, simply click a Program button and drag and drop it into the program of your choice.
- To make changes across multiple programs select programs by using SHIFT + click to select a row of programs (e.g. 1-3), or CTRL + click to select specific programs (e.g. 1 and 4).

Feedback reduction

- Off Feedback reduction de-activated
- Moderate Standard feedback reduction
- Strong More aggressive feedback reduction

Directionality

- Omni The sound processor operates in an omni directional mode (directional microphone is disabled)
- Fixed Directional microphone is always on
- Auto The sound processor adapts the directional microphone automatically depending on the sound environment through the Scene Classifier
- Bilateral directionality The sound processor adapts the microphones automatically to get the best possible settings when using two sound processors as a bilateral pair.



Fig. 21: Program Settings

Noise reduction

- Off Noise reduction is de-activated
- Fixed Noise reduction activated
- Auto The sound processor adapts the noise reduction automatically depending on the environment through the Scene Classifier

Noise reduction level

- Mild Small amount of reduction
- Moderate Standard reduction
- Strong Most noise reduction

Impulse Noise reduction

- Off Reduction turned off
- Mild Standard reduction
- Moderate Most reduction

Program	Feedback reduction	Directionality	Noise reduction	Noise reduction level*	Impulse Noise reduction	Wind Noise reduction**
Everyday	Moderate	Auto	Auto	Moderate/ Strong	Mild	Off
·베베· Noise	Moderate	Auto	Auto	Strong/Strong	Mild	Off
J Music	Moderate	Omni	Off	Off	Off	Off
Öutdoor	Moderate	Omni	Auto	Moderate/ Strong	Mild	On

Fig. 22: Default program settings

NOTE:

Above feature offsets per program may differ depending on the system, age and indication.

The Everyday program is designed to provide the best possible hearing for a majority of all patients regardless of hearing loss. It will focus on optimizing speech understanding in most daily situations.

The **Noise program** is designed to be used in certain noisy situations where there is a need for a more comfortable hearing situation rather than focus on speech perception.

The **Music program** aims to provide a good experience of music by focusing on the dynamic feel of the music.

The Outdoor program is designed to optimize the hearing in an outdoor situation. The wind noise reduction feature is available in this program as it is designed to improve the experience of wind noise while maintaining speech signals.

- Conductive mixed/SSD
- ** Wind noise reduction is not available as a choice in Baha fitting software.

Active Gain

Active Gain allows you to customize the overall gain for each of the Scene Classifier environments to further improve speech intelligibility and listening comfort for the patient.

Active Gain is active by default as part of the Scene Classifier and can be modified or disabled in situations where the patient has a close to risk of feedback/yellow area or is experiencing feedback when using the volume control on the sound processor, wireless accessory, Smart App, smartphone etc. This is an advanced fine-tuning option. The predefined offsets in the Active Gain provide a good setting for the majority of patient fittings.

Adjusting the gain in an environment

- 1. Select the program or linked programs you wish to modify
- 2. Select the sound environment from the Scene Classifier wheel you wish to modify
- 3. Move the slider at bottom depending on your patient's need. Adjustments can be made -3 and +3 dB from the offset.



Fig. 23: Active Gain

Environment	Default adjustment			
Quiet	0 dB			
Soft speech	0 dB			
Loud speech	0 dB			
Soft speech in noise	0 dB			
Loud speech in noise	0 dB			
Soft noise	-2 dB			
Loud noise	-2 dB			

General Settings

This screen lets you adjust sound processor specific settings. You can for example activate volume indicator beeps, low-battery warning beeps or make other adjustments based on patient preference.

Low battery warning

- On The low battery warning is active.
- Off The low battery warning is inactive.

Beep volume

- Soft beep volume is on the same level as the ambient sound level.
- Normal +6 dB compared to the ambient sound level (default setting).
- Loud +12 dB compared to the ambient sound level.

Beep frequency

• Adjust this to set the beep frequency level (low, moderate, high) where the patient has the best hearing. The default setting is moderate.

Start-up delay

- On Start-up delay is on.
- Off No start-up delay.

Start-up time

- 5 Seconds 5 seconds start-up time with 5 beeps
- 10 Seconds 10 seconds start-up time with 10 beeps

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Fig. 24: General Settings

Visual indicator

- Off (by default for Adult) deactivates the sound processor LED.
- On (by default for Child) activates the sound processor LED for low battery and other notifications.
- Pediatric (by default for Infant) activates the sound processor LED in continuous mode. This mode is primarily intended for parents and carers who want to receive a visual feedback from their child's sound processor.

Test beeps

• Can be used to demonstrate the different kinds of beeps available as well as volume and frequency.

TIP:

To demonstrate the beeps to the patient, simply choose the kind of beep in the roll down list, click the Play Beep button after making the choice of frequency level and/or volume. The chosen beep will be presented to the patient via the sound processor.

Wireless Set-up

The Baha 6 Max Sound Processor gives patients access to 2.4 GHz wireless technology. One Cochlear Baha Remote Control, one Cochlear Wireless[™] Phone Clip and up to three streaming devices (Cochlear Wireless Mini Microphones or Cochlear Wireless TV Streamers) can be paired to each sound processor. All wireless devices can be paired bilaterally.

To pair a wireless device

Click the button for the Cochlear True Wireless[™] device that you would like to pair. A dialogue box appears instructing you to turn on the device, then press the Pairing button on the wireless device. The button on the screen will turn yellow to indicate a successful pairing. You have the option to enter the serial number of the paired device; this information will appear in the session report and will be saved in sound processor settings.

Microphone Mixer Setting

This feature allows you to adjust the volume output of the wireless device in relation to the sound processor microphone per wireless device type.

- -6 The wireless device is set 6 dB higher than the microphone signals which equate to a 75% mixing ratio.
- 0 (default) Microphone and wireless device are balanced equally i.e. 50% mixing ratio.
- Off Turns off sound processor microphones. Signal comes entirely from the wireless device.

Adjust Wireless program

This allows you to fine tune the gain in the wireless program.



Fig. 25: Wireless Set-up

Data Logging

Data logging tracks how the patient has used the processor over a given period. such as since the last programming session. This information can help you discover usage patterns and make adjustments to the fitting. Access data logging at any point during a fitting by clicking on the Data logging icon on the right in the main menu.

Explain the purpose of data logging to your patient.

Data logging is enabled, but it can be disabled in the software. The data logging can be reset during the Save programming step.

Data logging data is viewable in two ways, by Program or by Scene Classifier; and is available as an overview or a detailed view within each. Total hours used and the hours used per program or environment are logged.

Program

View the patient's use of programs and volume control (if applicable) throughout a given period.

Scene Classifier II

The Scene Classifier logs seven different environments: Quiet, Soft Speech, Loud Speech, Speech in Soft Noise, Speech in Loud Noise, Soft Noise and Loud Noise. The data logging display shows Quiet, Speech, Speech in Noise and Noise. Hover over the "Speech" and "Speech in Noise" for more information. Click Details to review volume control and program use.

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Fig. 26: Data Logging in the menu



NOTE:

Volume changes made by the sound processor, wireless accessory or app are only logged in Program 1 and are not visible in any other program.

NOTE:

When ending a streaming session, the sound processor must be kept on for five minutes for data logging to be saved.

Saving the programming session

When you have finished programming and you wish to end an active session, you complete the fitting by saving. The Save screen will allow you to review the settings and provide you with the following options:

- Reset or Continue data logging
- Save to Sound processor and/or File system
- Review and/or print session report

You will also find a link to MyCochlear portal were device registrations can be made.

Data logging information

Data logging can be set to reset or continue, and settings are to be saved to both the Sound processor and File system. The default setting is based on the chosen fitting workflow and can be modified by checking or unchecking the desired option.

Session Report

Once saving is complete, you can select to view or print a session report. The session report contains information about the patient and the fitting as well as information on how to handle the sound processor.

NOTE:

Once the fitting is saved to the sound processor we advise you to remove and reinsert the battery to reset the sound processor.



Fig. 27: Save



Fig. 28: Last save screen with link to MyCochlear portal





Hear now. And always

As the global leader in implantable hearing solutions, Cochlear is dedicated to helping people with moderate to profound hearing loss experience a life full of hearing. We have provided more than 600,000 implantable devices, helping people of all ages to hear and connect with life's opportunities.

We aim to give people the best lifelong hearing experience and access to innovative future technologies. We collaborate with leading clinical, research and support networks.

That's why more people choose Cochlear than any other hearing implant company.

Please seek advice from your health professional about treatments for hearing loss. Outcomes may vary, and your health professional will advise you about the factors which could affect your outcome. Always read the instructions for use. Not all products are available in all countries. Please contact your local Cochlear representative for product information.

Cochlear Nucleus Sound Processors are compatible with Apple and Android devices. The Cochlear Nucleus Smart App is available on App Store and Google Play. For compatibility information visit www.cochlear.com/compatibility.

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