QUICK GUIDE

C-tune II

DATA LOGGING

Introduction

This quick guide explains the Data logging basics. You find the Data logging window under the DATA LOGGING theme. Since this feature differs very much depending on the hearing aid you have selected, this quick guide is divided into two sections - one for each way of displaying Data logging data.

Data logging for Dinamico

Data logging for Coselgi Dinamico hearing devices displays data for one hearing aid at a time. In a binaural fitting, use the R and L buttons in the upper right corner of the window to change between the right and left hearing aid.

Overview

The Overview tab is placed in the top left side of the workspace area, next to the left navigation bar.

Under this tab you can see the details about the use of the hearing aid. A pie chart shows you how much each program is used, and under *Data logging activation* you can decide whether C-tune should log these pieces of information.

Volume control use

The Volume control use tab is placed next to the Overview tab.

Under this tab you can see the volume adjustment for individual programs in the hearing aid during the logging period. Under *Recent programs* you can see how much the volume has been changed during the recent use of the hearing aid.

For each program in the hearing aid you can see how much the volume control has been used to increase or decrease the sound level. The darkest-colored indication is the most frequently used setting, while the lighter colors indicate less frequently used volume control settings.

Environment

The Environment tab is placed next to the Volume control use tab.

This tab shows the sound environment categories in which the different programs have been used. The environments have been categorized and are displayed as a percentage of the total use in the relevant program.

Besides a column for each defined program in the hearing aid, there is a column showing an overall indication of the sound environment categories in which the hearing aid has been used.

Data logging for Unia/Effect/Mojo

Data logging for Coselgi Unia/Effect/Mojo hearing devices shows data for both hearing devices in a binaural fitting. You have access to four different tabs. On all tabs you can see the log period covered by Data logging.

Log overview

Data logging opens in the *Log overview* tab. Under this tab you can see general data about the use of the hearing aids during the log period. This tab shows you:

- The dates of the logging – the log period.
- How many hours per day your client has used the hearing aids, on average. If a previous log period exists, the average number of hours per day is displayed for this period as well.
- How much your client has used the program button and volume control, and how many times per day the hearing aid has been turned on.
- How much time your client has used the hearing aids in environments with speech, and without speech.

At the bottom of the tab you can choose whether you want Data logging to be active when you end the present fitting or fine tuning session.

Program use

Under the *Program use* tab you can see the number of programs in the hearing aids, and how much they have each been used. For each program the tab shows the percentage of the total time during which the program has been used, both for the right and the left hearing aid. Below the graphic representation, all programs in the hearing aids are listed. If the hearing aids are equipped with a volume control, you can select one of the programs to show how much the volume control has been used in that program.

Environment

The *Environment* tab shows how much the hearing aids have been used in the various environments. If you have defined more than one program in the hearing aids, you can select the different programs to the left in the window. For each program (only programs with microphone input) you can see the extent to which the various environments have been active. When you point to one of the environments, a pop-up text shows you the percentage of the total use period that this environment has been active.

Below the environment graphics you can see how much the volume control has been used in the various environments. This graphic representation also shows how much the volume control has been used in environments with and without speech.

Based on the environments that are active in the hearing aids, you may want to adjust the hearing aids to accommodate your client, so that they do not need to use the program button as often. At the bottom of the Environment tab you can click the text to move directly to the window *Acoustic situations*.

Input level

Under the Input level tab you can see how much the hearing devices have been used at different sound levels. The columns show the percentage that the hearing devices have been used at soft, normal, and loud sounds.

Below the graphics, you find an indication of the volume control usage. If your client tends to make upward or downward adjustments of the volume control, this is indicated here. You may then want to adjust the hearing devices to accommodate your client, so they do not need to use the volume control as often.

Preference log

The Preference log window below shows information about the personal programs your client has created in the app. Your client has to give consent in the app before you can see the settings. In addition, you must log in to cloud-based services and connect to your client's hearing aids before any data are shown in Preference log in C-tune under DATA LOGGING.

The view in the Preference log window reflects the settings made in the app. Use the information for discussion with your client, and for further fine tuning.

The personal programs are not saved in the hearing aids, and they can only be reached through your client’s app. Under Preference log you can view the settings and usage of the current personal programs.

Remember that you have to be logged in when you are fitting a new client. Otherwise, logging of Preference log data will not start. Data from the app are sent to the cloud every time your client's hearing aids are connected to the app.

In the Preference log window, the following information is shown:

Overview of programs

This view shows all personal programs created by your client. You can see the name and icon chosen for the program, which program it is based on, how many times the program has been activated on average per week, and when the program was created. Click on the program to get more information.

Volume

The steps in the volume settings represent the steps for the preference control. The number of steps depends on the User controls settings under HA configuration, where you can choose between 3 or 9 steps. If 3 steps are selected, the total range is 9 dB. If 9 steps are selected, the total range is 16 dB.

Equalizer

Your client can adjust the equalizer 6 steps up and 6 steps down, in three frequency bands (bass, middle and treble). For the middle and treble handles, the range is -12 to +6 dB. Positive adjustments are 1 dB per step, and negative adjustments are 2 dB per step. For the bass handle, the range is -12 to +12 dB. All adjustments in this handle are 2 dB per step.

Sound mixer

For personal programs with two input signals (MT, Zen with microphone and Zen+ with microphone), the client can adjust the balance between the two signals with the Sound mixer.

Notice that the effect of the adjustments made by the client depends on the acoustics used in the fitting (receiver and ear-tip/earmould/vent).

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