QUICK GUIDE

COMPASS GPS

AUDIOMETRY

Introduction

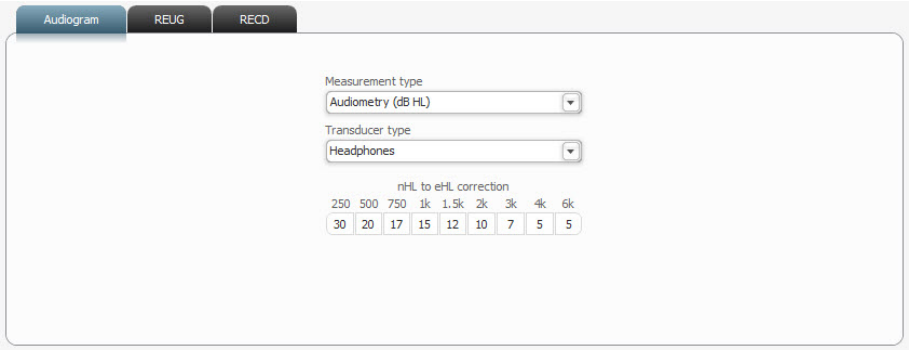
This quick guide explains the Audiometry tool in COMPASS GPS. You will find the Audiometry tool under the START SESSION and FITTING themes.

⚠	The developed SPL in the ears of children can be substantially higher than in average adults. RECD measured to correct target of fitted OSPL90 is recommended.

The Audiometry tool contains audiogram, REUG and RECD-related information. You cannot, however, make the actual audiogram measurement in this window. You must use the audiogram module connected to your database, or the *Enter Audiogram* option in the COMPASS GPS stand-alone database. COMPASS then uses the audiogram data to make calculations for the hearing aid fitting.

Audiogram

The audiogram tab is located in the lower half of the main workspace. This tab allows you to register the audiometric conditions used when establishing the client's audiogram. The conditions are taken into account when COMPASS interprets the hearing thresholds used for the hearing aid fitting. You have the following choices in this tab:



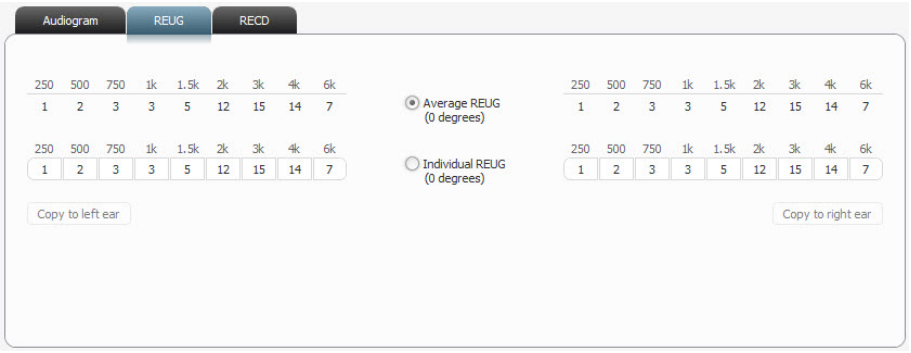
- Select a *Measurement type* from the drop-down list. You can choose between behavioural audiometry (Audiometry, dB HL), auditory brainstem response established in dB normalised hearing level (ABR, dB

nHL), and auditory brainstem response or auditory steady state response established in dB estimated hearing level (ABR/ASSR, dB eHL).

- Select a *Transducer type* from the drop-down list. The list of available transducers depends on the selected measurement type. You can always choose between *Insert phone and foam tip* and *Insert phone and earmould*. But if you chose Audiometry (dB HL) under Measurement type, you have more choices. These are *Headphones, Free field (0°), Free field (45°)* and *Free field (90°)*.

- You can change the *nHL to eHL correction* values used for the fitting, but only if you have chosen the ABR (dB nHL) option under the Measurement type drop-down box.

REUG

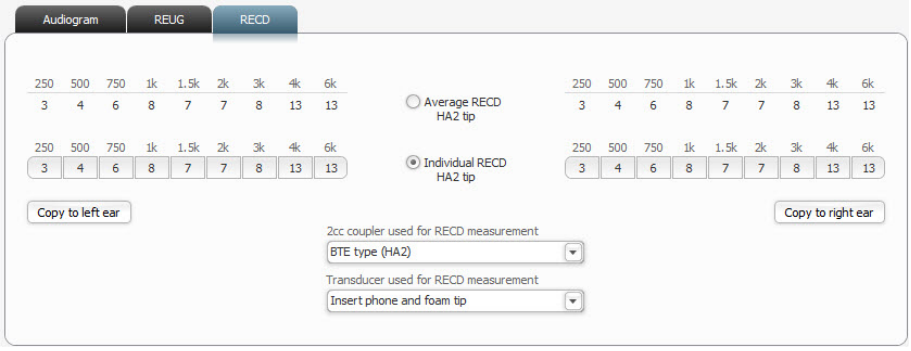


The REUG tab is located next to the Audiogram tab. Under the REUG tab you can enter any individual REUG values you have measured for your client. COMPASS then uses the individual REUG values to correct the hearing aid fitting.

Start by choosing whether you want to use average or individual REUG values by means of the radio buttons in the middle of the tab. Average is the default.

You can change the REUG values in 1 dB steps. If you want to copy individual REUG values to the opposite ear, use the *Copy to right/left ear* button.

RECD



The RECD tab is located next to the REUG tab. Under the RECD tab you can enter any individual RECD values you may have measured for your client. COMPASS then uses the individual RECD values to correct the hearing aid fitting.

Start by choosing whether you want to use average or individual RECD values by means of the radio buttons in the middle of the tab. Average is the default.

If you are working with individual RECD values, choose the 2cc coupler and the transducer type used for RECD measurement from the drop-down lists. Then enter the measured values in the fields.

You can change the values in 1 dB steps. If you want to copy individual RECD values to the opposite ear, use the *Copy to right/left ear* button.

For further information and guidance, open the Help system from the top navigation bar in the COMPASS program, or by pressing the F1 button on your keyboard.

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