

Working with Protocols in the Affinity REM440 Module

The Affinity is an easy and straightforward solution that takes care of all clinical needs. One of the greatest advantages is the high flexibility which permits the creation of an unlimited number of personalized protocols for different purposes and/or for different audiologists working in the same clinic. This enables each individual clinician to setup the Affinity exactly the way they wish using the specific tests, stimuli and settings they prefer. These personal test protocols can swiftly and easily be chosen at any time accommodating the need for speed in a busy clinic.

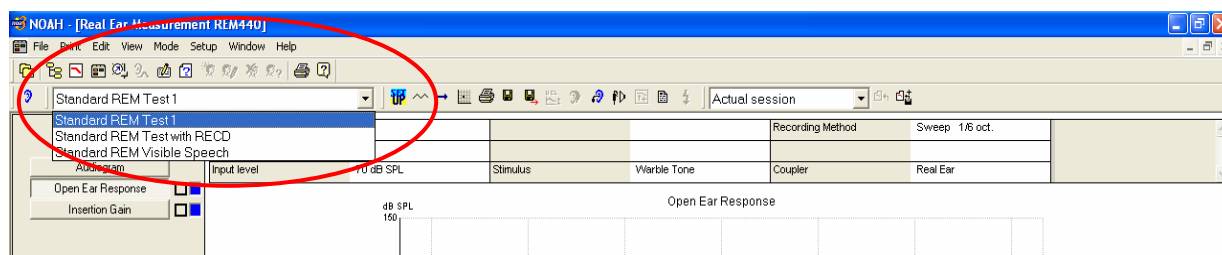
In attempt to make the many functions more clear this paper explains the basics on working with protocols on the Affinity REM440 Module and takes you through making your own individual protocol step by step.

Getting started:

When you open the REM440 Module from Noah, OtoAccess, or the stand-alone mode you are basically ready to start measuring. The Affinity is pre-programmed with standard protocols that can be selected from the front screen. This simplifies the testing for people not yet acquainted with the module.

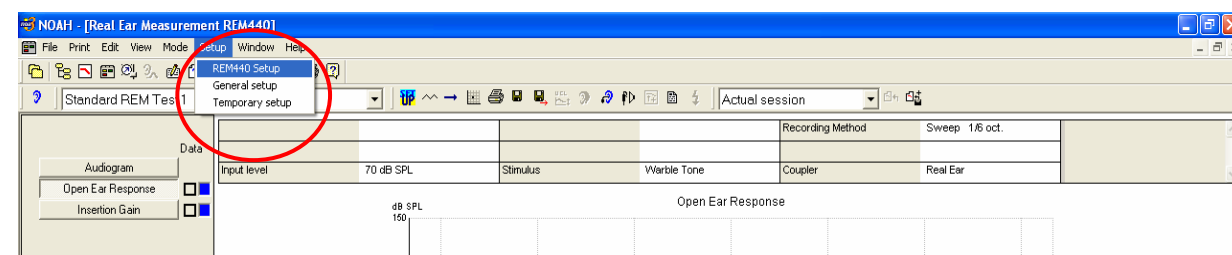
Selecting a protocol:

The standard protocols can be selected in the dropdown menu in the top left corner of the front screen.



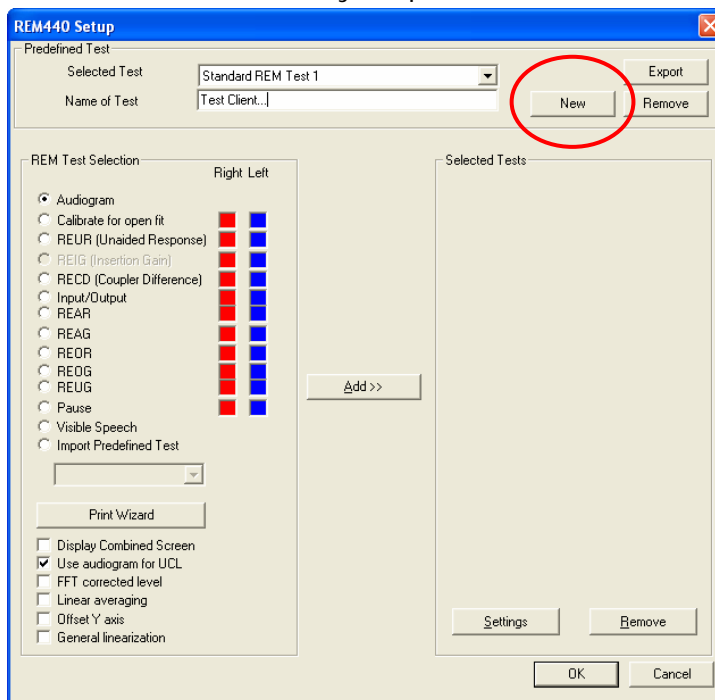
Creating your own protocol

To create your own personalized protocol you need to enter the Affinity "Setup" menu.



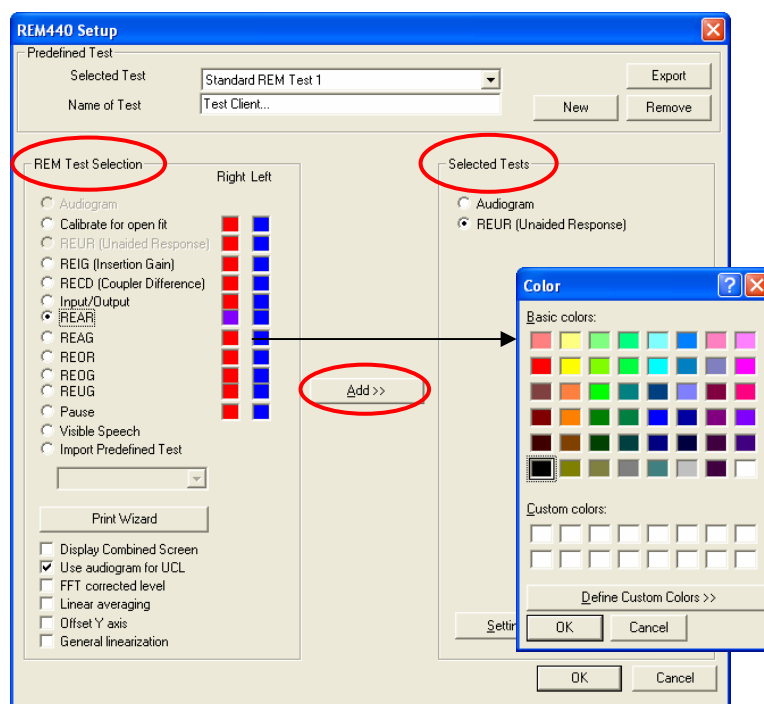
- 1) Click on "Setup" in the top tool bar and select "REM440 Setup". This opens the message box below.

2) Click on the "New" button and name your protocol.



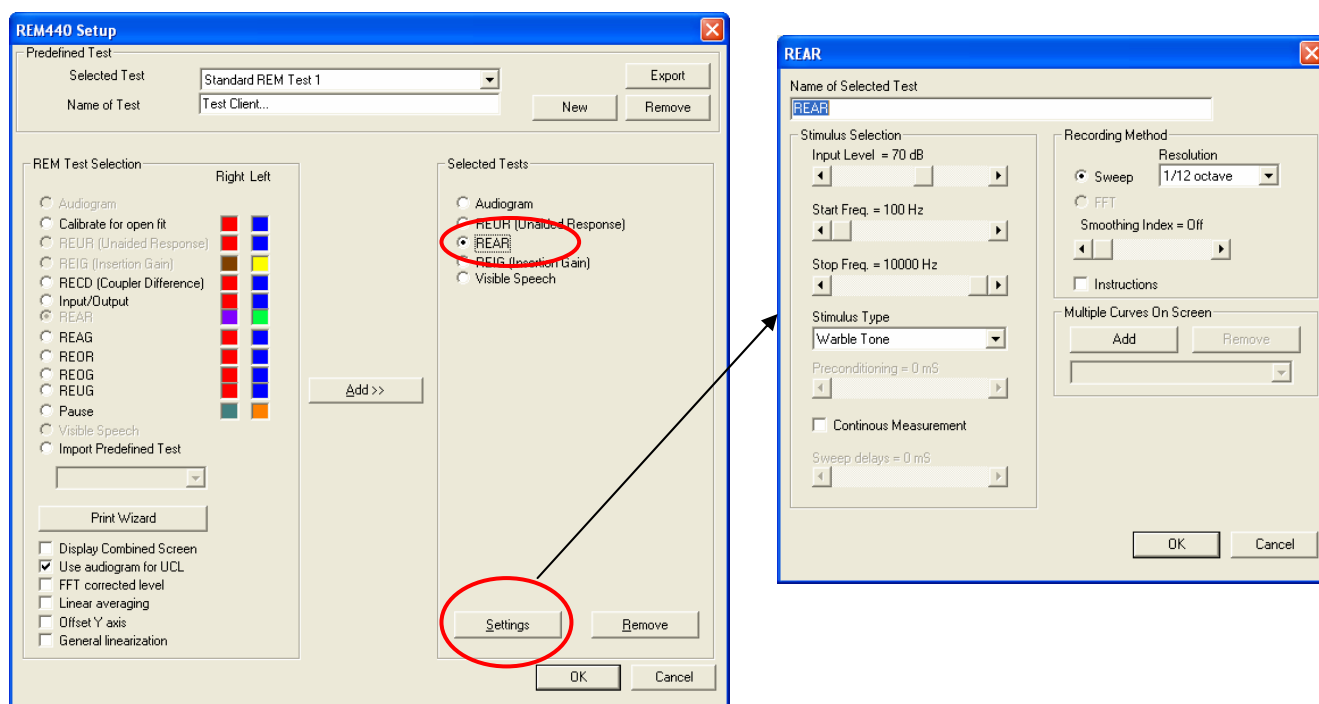
3) Mark the preferred tests one by one in the list under "REM Test Selection" by clicking in the circles. When the test is selected click on the "Add" button. When adding the desired tests they will automatically be listed as a protocol in the right side of the message box under "Selected Tests"¹.

When measuring each curve will have the colour illustrated in the square next to them which is default set to red for curves obtained on the right ear and blue for curves obtained on the left. If you wish to change this colour setting it can easily be done *before* selecting the test by clicking on the coloured squares. This prompts a colour selection as illustrated below:

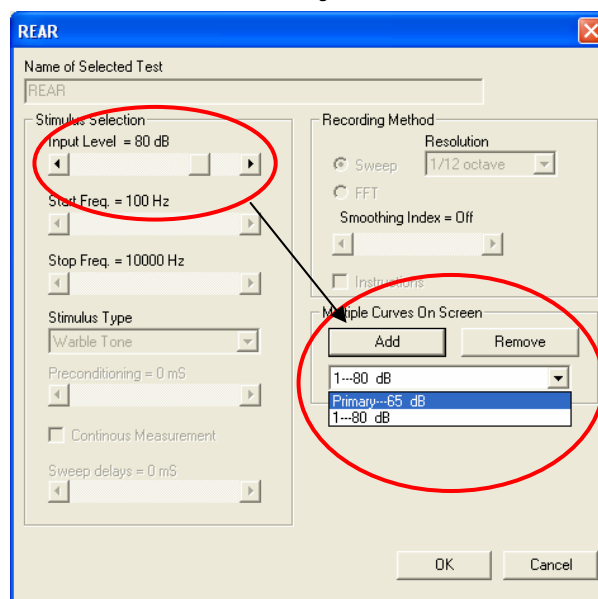


¹ Tests may also be added to the protocol by double clicking on them individually.

- 4) Each of the selected tests can be modified in the "Settings" menu. Click on the corresponding test you wish to modify in your protocol under "Selected Tests" and click on the "Settings" button. This will prompt a new message box with additional possibilities. The example below shows the settings for "REAR". Here you are free to change input level, stimulus type and much more.

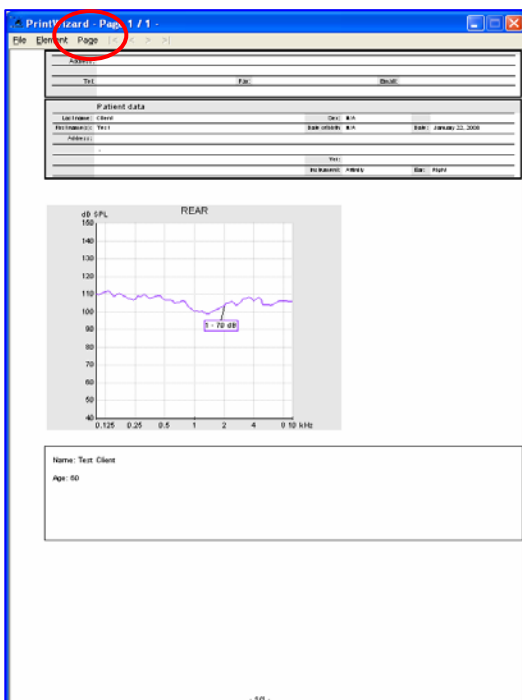
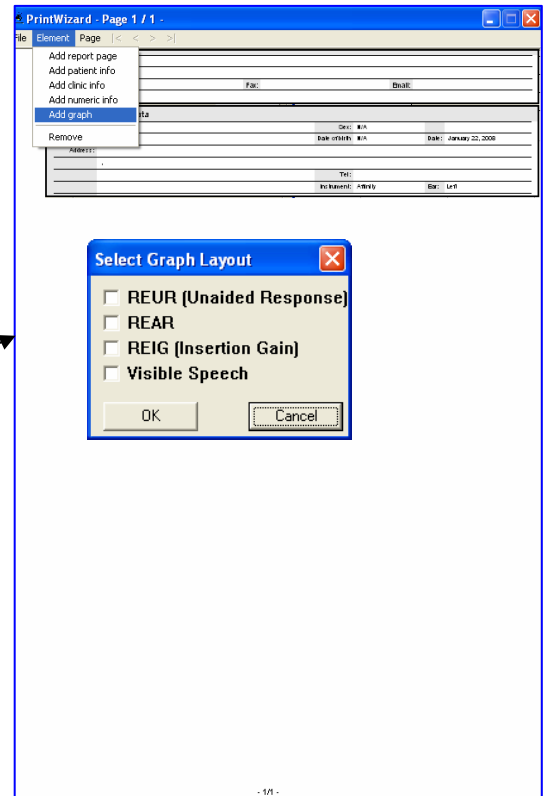
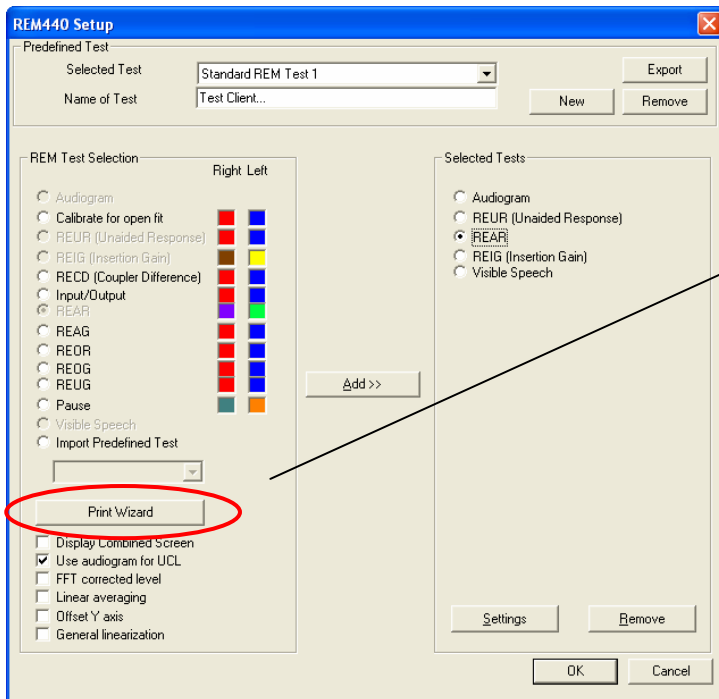


If you want multiple REARs with different input levels at for example 65 and 80 dB this can also be done from this menu. Select the input level of the first curve (65 dB) and click "add". Now select the input level for the second curve (80 dB) and click "add" again. In the drop down menu under "Multiple Curves on Screen" you will then be able see your two input levels that automatically will be measured when using this protocol.



Advanced note: Be aware that for REIG the system will only allow you to make few adjustments as some characteristics of the measurement are tied to the REUR.

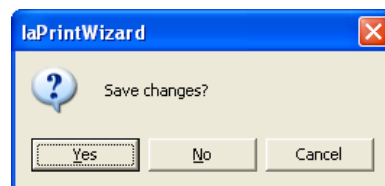
- 5) Adjust your settings for each individual test and click "OK" when you are satisfied. The message box will then close.
- 6) If necessary it is also possible to design an individual printout. This is done by clicking on the "Print Wizard" button which opens a blank print sheet. Click on the "Element" dropdown menu and add the elements you wish to include in your print layout. If you select "Add graph" you have the option to choose which graphs you want to print if not all. Ticking two boxes at the one time will combine the curves in one graph. To add separately tick one only and press "OK". Then choose "Element" and "Add graph again and tick the next curve.



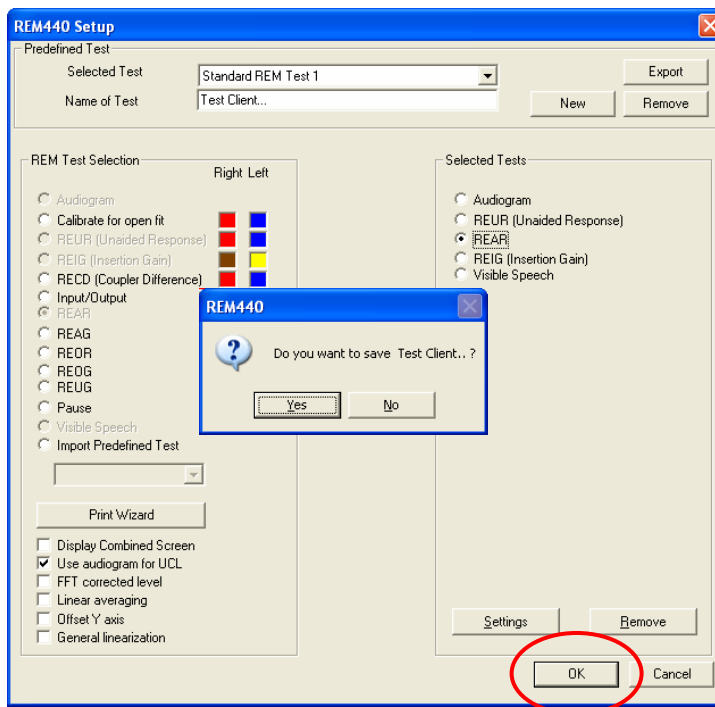
The elements added may be placed anywhere on the print sheet and can be resized if preferred. Pages may also be added by clicking on the "Page" dropdown menu.

When satisfied with the layout click on the "Exit" button in the corner.

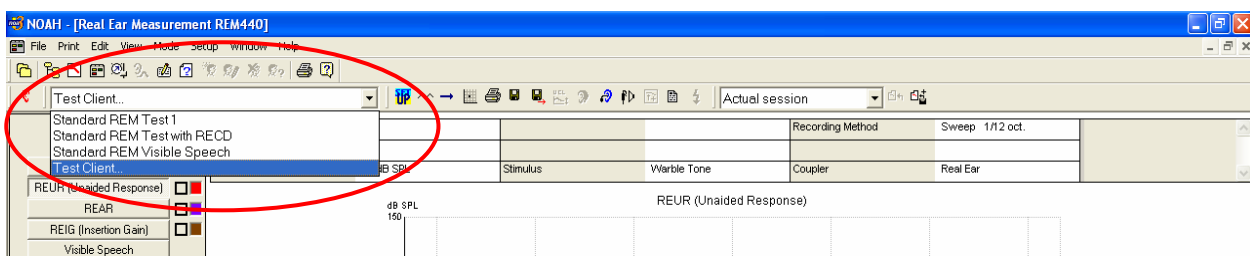
Press "Yes" when asked if you want to save changes.



- 7) When finished making all adjustments to your protocol click "OK" in the bottom of the setup menu. REM440 will then ask if you want to save your test.

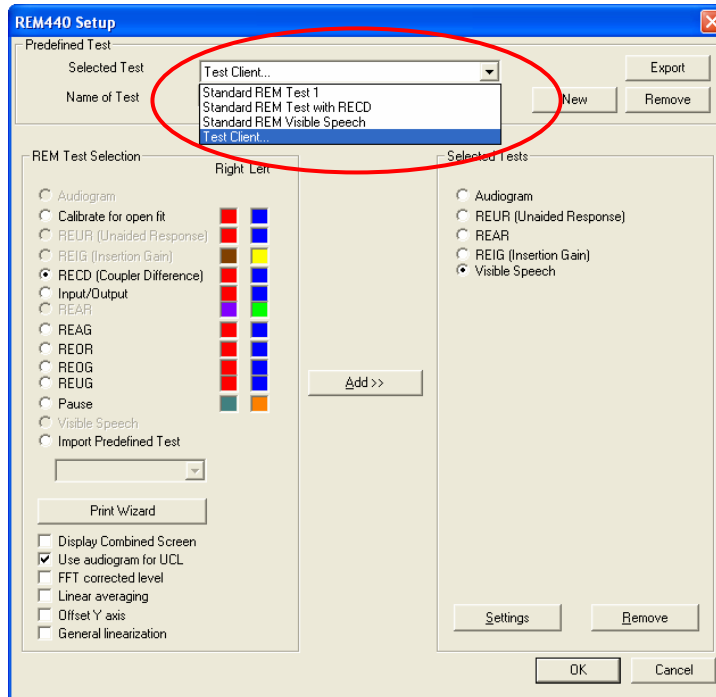


- 8) After clicking "Yes" the new protocol will be visible along with the standard protocols in the dropdown menu in the top left corner of the main screen.



Making changes to your protocol

You can change your protocol at any time. To do this you just need to enter the "REM440 Setup" again. Choose the protocol you wish to adjust in the "Selected Test" dropdown menu. Make your changes as you did when creating a protocol by marking the tests and clicking on the "Settings" button. You may add additional tests to your protocol or remove others entirely by selecting it under "Selected Tests" and clicking "Remove" below.



Making temporary changes to your protocol

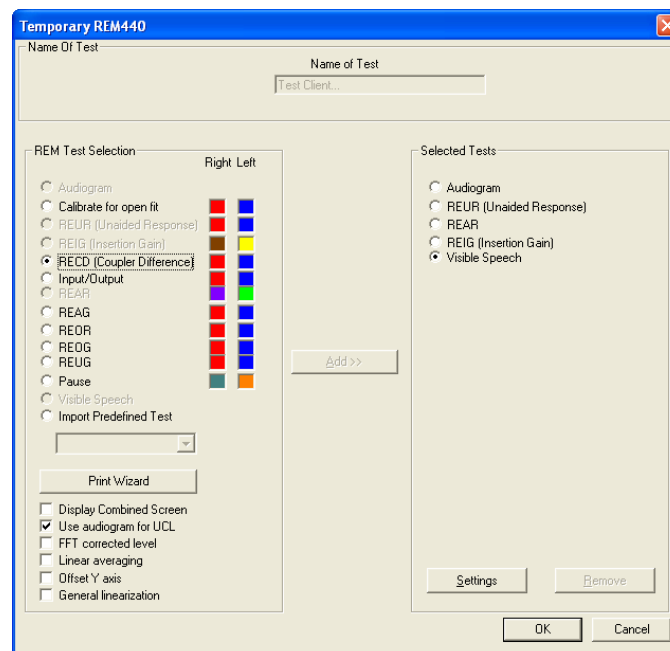
Even though you have a protocol that covers the needs of most of your patients you might run into a patient where this is not the case.

If you wish to change your protocol you need to enter the "Temporary Setup" menu which can be selected from the Affinity tool bar.

- 1) Press the "Temporary Setup" button  in the Affinity tool bar. This opens a menu similar to the REM440 Setup.



- 2) You are now able to make adjustments the same way as when you created the protocol only these changes will only be active during this specific session. This is practical in case of a patient with special needs.



Advanced note:

You also have the ability to import and export test protocols or in other words save a particular test protocol you have designed and export it to other computers. You must however make sure it is not saved as a "read only" file or otherwise you will not be able to import it and use it. So select "no" when asked if you want to save as a read only file.

- 1) Go to REM440 Setup
- 2) Click "New" for new test, and name it accordingly.
- 3) Click on "Import Predefined Test".
- 4) Click on "Search", find the file you have exported and then, click "Open".