

AppNote

THE AUDIOSCAN® NOAH® MODULE: The Real-Ear Solution for Busy Professionals

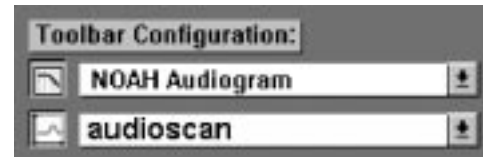
The Audioscan NOAH Module enables data exchange between the Audioscan RM500P, RM500CP or RM500CT real-ear hearing aid analyzer and a personal computer running NOAH 2.0. Data can be transferred to the PC for viewing and storage within a NOAH-compatible client module. RM500 data and audiometric data stored in a client session can be transferred to the RM500, eliminating the need to manually enter data.



The following data can be exchanged, viewed & stored:

- standard hearing aid tests
- multicurve measurements
- telecoil test
- input/output test
- threshold and UCL data
- insertion gain test results
- Speechmap®/DSL® test results including RECD
- Insertion gain & 2cc targets.

Using the Module

1. The Audioscan NOAH module software can only be installed from within NOAH. Install the NOAH software prior to installing the Audioscan software. Consult your NOAH user's guide for instructions.
2. Install the Audioscan NOAH module software by selecting **Setup/Install Module...** from the menu bar. Follow the on-screen instructions.
3. The Audioscan NOAH module may now be accessed via the Measurement Selection icon or you may link the module to the Insertion Gain toolbar icon by selecting **Setup/Preferences**.



4. With the RM500 off, connect it to a serial RS232 COM port on the PC using the special cable, provided with the software. Turn the RM500 on.
5. TO START A NEW CLIENT, enter the necessary client information in the NOAH client module.
6. To access the Audioscan module click on  or .
7. When the module has loaded, **Get Data** will appear on the NOAH menu bar.

To transfer measurement results from the RM500 to your PC

Note: Before data can be transferred from or to the RM500, both REM and HAT sections must be calibrated.

1. Click **Get Data** on the menu bar. A list of possible measurement data will appear on a pop-down poster.



2. Click the buttons beside the measurement data that you wish to transfer. Click on OK to transfer measurement results.
3. Once measurement results have been transferred to the PC, the **View Data** poster will appear with available data in bold. Click on the data you wish to view.



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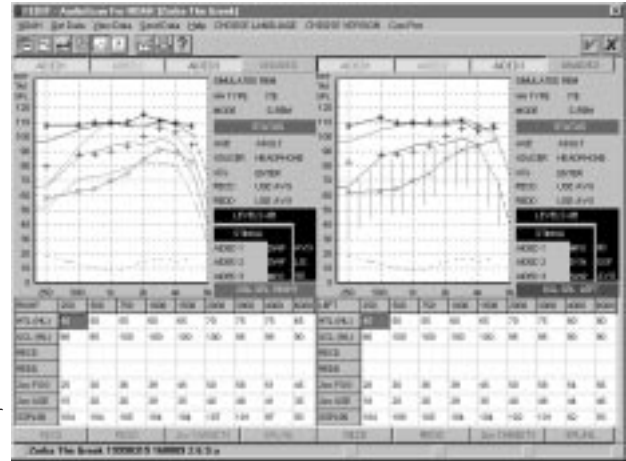
To view RM500 data in the current session

1. Click on **View Data** and select the type of data to view.
2. The selected data will be shown on the PC screen.

Note: It is not necessary to have the RM500 connected or turned ON to view data from a stored session.



3. Various VIEW buttons are available. **BOLDED** view buttons can be clicked on to view other measurement results (e.g. RECD measurements). **FADED** view buttons indicate no measurement data is currently available.



4. To 'zoom in' on data in the Dual-Screen View, position the pointer over a graph. Left click when the pointer changes to a '+'. To 'zoom out', left click with the mouse pointer (-) positioned over the enlarged screen.
5. When you are finished viewing the data, you may click on the red to exit without saving or on the green to save. Follow the screen prompts.

System requirements

To ensure proper operation, you need an IBM-compatible 486 computer or higher (Pentium-based is recommended) with at least the following:

- Windows® 3.1 or Windows 95
- 8 Mbyte of Ram (16 Mbyte preferred)
- 500 Mbyte hard drive (1 Gigabyte preferred)
- color VGA monitor
- 3-1/2" diskette drive
- unused serial RS232 interface (COM port)
- mouse and mouse driver
- printer (optional)

To transfer data from the current session to the RM500

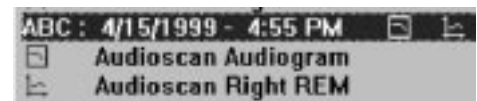
Click on **Send Data**. Click on OK to transfer any threshold, UCL or RM500 measurement data stored as part of the current session to the RM500.



To view a previously saved session

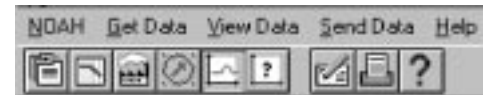
1. Highlight a client session in the NOAH client module.
2. Access the Audioscan module

3. When the module has loaded, **Get Data** will be added to the toolbar.



If the selected session contains threshold or UCL data, **Send Data** will also appear. If the session contains RM500 data, both **View Data** and **Send Data** will appear on the menu bar. Click on **View Data** and select the data you wish to view.

Note: At any time, you may click on **NOAH** to access NOAH services (print, journal, other modules) or **Help** for assistance.



You can select a toolbar item from the keyboard by pressing ALT + the underlined letter.