

# FONIX® NOAH Real-ear Module



## Installation Manual

### Introduction

Welcome to the FONIX NOAH Real-ear Module. This program lets you remotely control your FONIX hearing aid analyzer from your computer and compare your results to the DSL mI/O, NAL-NL1, or MOD NAL targets. The FONIX 8000, 7000, FP35, and FP40 hearing aid analyzers are supported.

### Requirements

- NOAH version 3.7 or newer
- Pentium III, 1 GHz or similar
- 256 MB (512 MB recommended)
- 1 GB of hard drive space
- Windows XP Professional SP3 (32-bit), Windows Vista (32-bit versions) including: Vista Home Basic, Vista Home Premium, Vista Business, Vista Enterprise, Vista Ultimate, Windows 7 (32-bit)
- 1024 x 768 video resolution
- 1 free serial port or USB port
- FONIX Analyzer: 8000 (all versions), 7000 (v1.64), FP40 (v3.70 and RS232 Option), or FP35 (v6.01). Some functions may work on older software versions and on the 6500-CX (v4.91 and RS232 Option), but they have not been tested. All analyzers require the Real-ear Option to perform real-ear measurements.

### Setup

**Before you start the installation process, make sure that NOAH 3 is already installed and functioning on your computer.** The NOAH Real-ear Module installation is a two part process. In the first part, you install the module on your computer using the setup program that comes on the installation disk. Next, you must register the program to allow unlimited use with the connected hearing aid analyzer.

The setup process is fairly straightforward, but it does require some basic understanding of Windows. Your local computer support person should be able to help you with most questions, but you may also contact us at [support@frye.com](mailto:support@frye.com) if you need any further help.

## ***Part 1: Running the setup program***

The first part of the installation process is running the setup program that comes with your NOAH Real-ear Module installation disk:

1. Close all programs on your computer.
2. **Remove any existing version of the FONIX NOAH Module or NOAH Real-ear Module by using the Add/Remove Programs function in the Windows Control Panel.**
3. Insert the NOAH Real-ear CD into your PC's CDROM drive. This should automatically start the setup program. Otherwise, use Windows Explorer to open the contents of the installation disk and double-click on setup.exe.
4. Follow the instructions that appear in the installation wizard. This mostly involves clicking the **Next** button and filling in some basic information.
5. Wait for the installation wizard to complete. This may take several minutes.
6. At the end of the installation process, a window will appear, asking if you want to install the program into NOAH 3. Click **Yes**. This will install the module inside NOAH 3.

In some cases, you may encounter some errors in the installation process. Try ignoring them and continuing with the installation. Usually the installation will still be successful.

## ***Part 2: Entering your registration key***

For piracy protection, the FONIX NOAH Real-ear Module has registration keys tied to specific hearing aid analyzers. You will only be able to perform a limited number of measurements with a non-registered hearing aid analyzer.

To obtain a registration key for a specific hearing aid analyzer, you will first need to determine the analyzer's "instrument access code." You must then contact the Frye factory and exchange this access code for the registration key for that analyzer.

### **To register your FONIX hearing aid analyzer:**


1. Open the NOAH Real-ear Module.
2. Open the **Help** menu and select **Product Registration**.
3. Make sure your hearing aid analyzer is connected to your computer. See the help files for more details.
4. Click **Get Instrument Access Code**. This will open a window with the access code for the connected analyzer.
5. Contact your FONIX distributor or the Frye factory with the instrument access code. They will then be able to provide you with the corresponding registration key for that analyzer.
6. Enter the registration key into the Product Registration window. You can enter up to five different keys. This is for customers who use more than one analyzer with the same computer.
7. Click **Update Registration Keys**. This will confirm the registration key is valid for the connected analyzer. Your program is now registered.

## Opening the NOAH Real-ear Module

The following are instructions on how to open the NOAH Real-ear Module:

1. Open NOAH 3.
2. Open a client file.
3. Click the **Module Selection** button. 
4. Select the **Measurement** tab.
5. Select the **NOAH Real-ear Module** icon. This will open the NOAH Real-ear Module program.

## Assigning the NOAH “Open Real-ear Measurement Module” button

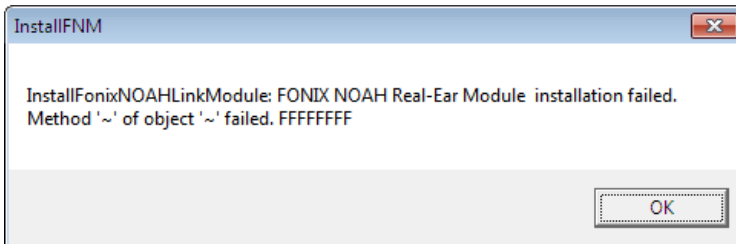
You can open the NOAH Real-ear Module with one click by assigning the NOAH “Open Real-ear Measurement Module” button  to the NOAH Real-ear Module. To do this:

1. Open NOAH 3.
2. In the Client Register, open the **Tools** menu and select **Module Buttons**.
3. Use the drop-down menu to select **FONIX NOAH Real-ear Module** for the **Real-ear Measurement** button.
4. Click **OK**.

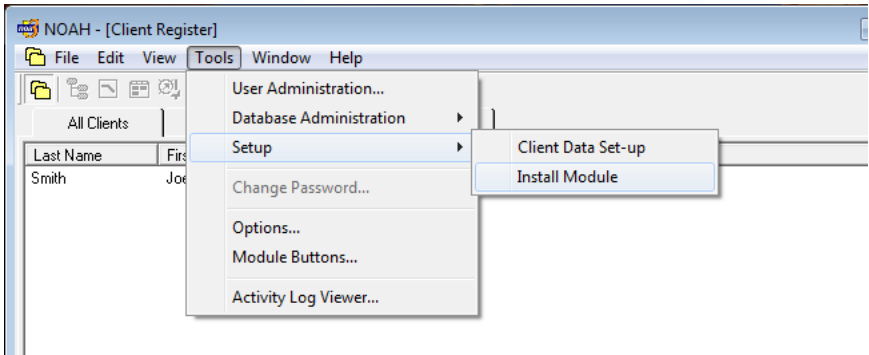
For more information on operating the NOAH Real-ear Module, see the electronic help files by opening the **Help** menu and selecting **Help** or by pressing your F1 key.

## Windows 7 Installation

When installing the FONIX NOAH Real-ear Module on a Windows 7 (32-bit) computer, the link inside NOAH sometimes does not install properly. You may get the following error message:



If this occurs, open NOAH. From the Client Register window, open the **Tools** menu, point at **Setup**, and select **Install Module**.



Click **Install Module** and find the file C:\Program Files\Frye Electronics\FonixNoahREMModule\Install\install.ini. Click **Open**. This will install the link inside NOAH (an installation wizard will NOT run.)

The FONIX NOAH Real-ear Module should then be complete.

## Microsoft Vista Installation

The NOAH Real-ear Module is compatible with Windows Vista (32-bit), but there is a slight complication:

- 1) Update your NOAH System to version 3.6.1 or later. This is a free upgrade for all registered users of NOAH System 3. It makes NOAH compatible with Windows Vista.
- 2) Run NOAH 3 as administrator. This is required because our NOAH modules need to read, write, and modify some of the files in their installation directories, and Windows Vista has some very strict restrictions on this.

To set NOAH 3 to always run as administrator:

- a. Right click on the **NOAH 3** icon on your desktop and select **Properties**.
- b. Select the **Compatibility** tab.
- c. Select **Always Run As Administrator**.
- d. Click **Apply Changes** and **Ok** to close this window.

## Contact

If you have any questions on the installation or operation of the NOAH Real-ear Module, you can contact us at:



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