



Installation Instructions for Sierra Wave Version 11.0.116

Prior to installing this upgrade, please verify that your computer meets or exceeds the minimum system requirements needed to run this software. If you need assistance in determining your computer's system specifications, please contact the Cadwell Applications Support department at (800) 245 – 3001.

Operating System	Minimum Requirements for Version 11.0.116
Windows XP Professional	500 MB RAM Pentium 4 or Centrino Processor
Windows Vista/7 (32 or 64 bit)	3.0 GB RAM Dual Core Processor (Centrino Duo, Core2 Duo, Pentium D)



You must have administrative access rights on your computer in order to install the Sierra Wave Software.



Installation on Windows Vista or Windows 7:

On a Windows Vista/7 computer **you must un-install the previous version of Sierra Wave before you can install the upgrade.** *This will not delete patient data or test settings from your system.*

From the **Control Panel**, select **Programs & Features**. In the list of installed programs, select **Sierra Wave** and then click the **Uninstall** option at the top of the list. After the uninstall is complete, proceed with installing the new update. *You do not need to uninstall the QuickReport program.*

1. Insert the **Sierra Wave 11.0.116 CD**. The main installation menu will be displayed.

If the installation menu does not appear automatically, click the **Start** button and select **Run**. In the box provided type **D:Autorun** and then click **OK**. (*D is the letter typically assigned to your CD drive but it could be a different letter depending on the configuration of your computer*).



2. Install QuickReport

Click on the Install QuickReport button. Follow the on-screen instructions.

- The installer may prompt you to delete the old QuickReport files. Answer **"Yes"** to the delete files message. *This will not delete your report templates.*
- If you are prompted to delete shared files, answer **"Yes-to-All"**.
- Click **OK** when the uninstall is completed.
- Click **Next** to proceed with the installation of QuickReport. The default folder is C:\Cadwell\QuickReport.

3. Install Sierra Wave Software.

Click on the **Install Sierra Wave** button. Existing patient data and user settings will not be erased.



Windows Vista / 7 -- You must uninstall the old version of Sierra Wave prior to installing the upgrade. See page 1 for instructions.

This upgrade requires that **Microsoft .NET Framework 3.5 SP1** be installed on the computer. If it is not already installed it will be automatically installed for you. This can take several minutes. When the .NET installation finishes you will be asked to **Restart** the computer. Select **"Yes"** to restart the computer.

Once the computer has restarted the installation of the Sierra Wave software will continue automatically.

In the initial Welcome to Sierra 11.0 Install window:

- Click the **Next** button.

On the Customer Information window:

- The User Name and Organization Name are optional.
- Use the default install option; "Anyone who uses this computer (all users)".
- Click the **Next** button.

In the Destination Folder window:

- Use the default destination; C:\Cadwell\Sierra Wave.
- Click the **Next** button.

When the installation is complete; click the **Finish** button.

After the Sierra Wave installation is complete, if you are asked to restart the computer, go ahead and do this before proceeding to the next step.



After restarting, if the installation menu is no longer displayed, eject and reinsert the installation CD.

4. Update the Base Unit firmware.

Click on the **Update Firmware** button. This will download new firmware to the base unit (the base unit must be connected to the PC and turned **ON** in order to do this). After the download is finished, turn the base unit **OFF** for about 10 seconds and then turn it back **ON**.

5. Update the EStim Board firmware.

Click on the **Update EStim Firmware** button. This will download new firmware to the electrical stimulator circuit board within the base unit. The base unit power **does not** need to be cycled after this step.

6. Update the EP Board firmware.

If your base unit has the Auditory & Visual evoked potential stimulator board, click on the **Update EP Brd Firmware** button. This will download new firmware to the board. The base unit power **does not** need to be cycled after this step.



If you do not have the AEP/VEP board, this connector, on the back of the base unit, will have a cover over it.



This firmware update is required in order to use the tone envelopes and adjustable rise/plateau/fall feature.

7. Click on the **Update Help Files** button. This will install the most recent versions of the Sierra Wave and Quick Report Help files.

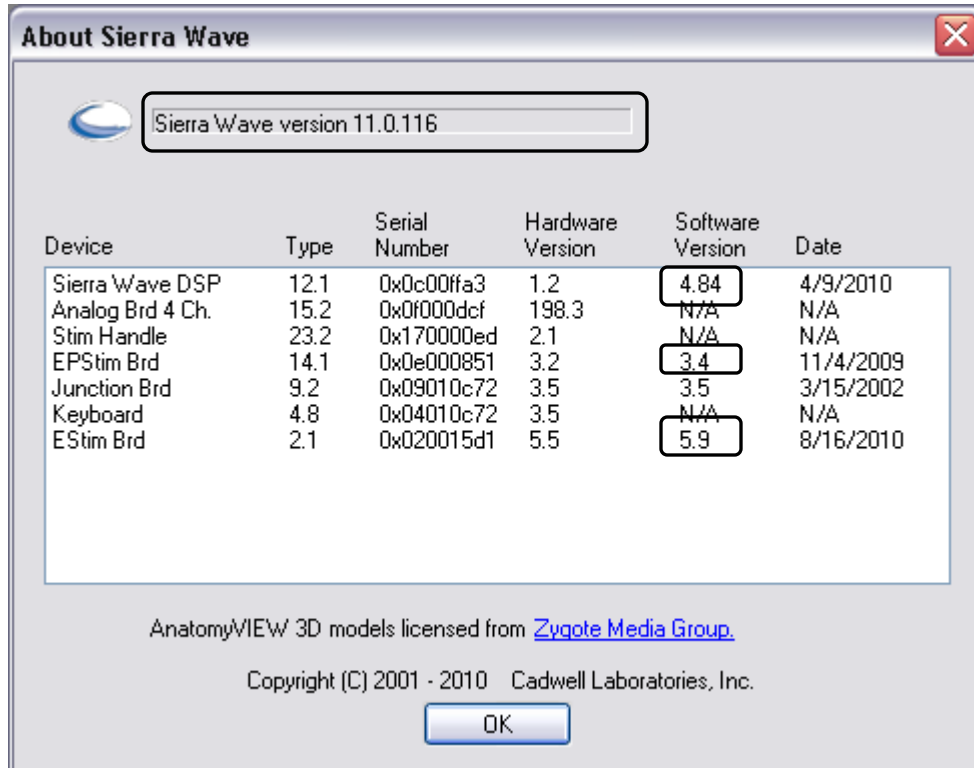
8. Click on the **Update Splash Screen** button. This will install an updated startup picture on the system.

9. **Close** the installation menu and eject the CD.

10. **Restart** the computer.

11. **Start the Sierra Wave** program by **double clicking** on its **icon** on the Window's Desktop.

- 12. Verify version numbers** by selecting **About Sierra** from the **Help** menu. The software version number should be **11.0.116**, the Sierra Wave DSP version should be **4.84**, the EP Stim board version should be **3.4**, and the EStim board version should be **5.9**.



- 13.** Please review the **Version 11.0.116 Release Notes** for a description of the new features included in this software upgrade.

Additional Notes:

Reader Station Installation Instructions:

Perform only the following steps:

1. Install QuickReport
2. Install Sierra Wave
3. Update Help Topics
4. Update Splash Screen

Note: To disable the communication error message – go to the C:\Cadwell\Sierra Wave folder and double-click on the file ReaderStationOn.reg. Answer 'Yes' or 'OK' to any messages that are displayed.

QuickReport Login:

If you launch QuickReport without the Sierra Wave program running you will get a Login window. For the ID, select **SierraUser** from the drop-down list, leave the password empty and click **OK**.

Factory Default Settings (Optional for Demo Systems Only):

If you would like to configure your system with the most recent factory default settings, test protocol layouts, and report templates, perform a **RESTORE-ALL** function using the preserve file on the installation CD. The preserve file is located in the **Defaults folder** and is called **"Version 11 Defaults without Datalab.prs"**. *Note: Prior to performing this step you may want to preserve your current system settings; this will allow you to return to your original settings if the need should arise.*

Additional Documentation included on the Installation CD:

- 100818-931 Sierra Wave Specification Sheet
- 100813-933 Sierra Wave Setup Guide
- 100813-937 Sierra Wave Brochure
- 319019-000 Cadwell Electrode Catalog, Rev 2009
- 369030-630 Configuring Windows 7 for Sierra Wave
- 369030-629 Configuring Word 2007 for use with QuickReport
- 369030-633 Configuring Word 2010 for use with QuickReport
- Network Card Setup Instructions
- Saving a Preserve file to CD or DVD in Windows 7
- Archiving to CD or DVD in Windows 7
- Using Sierra Wave with a Limited User Account-XP
- Using Sierra Wave with a Standard User Account-Windows 7
- 369035-620 HL7 Interface Manual for Sierra Wave
- Getting Started Guide
- Sierra Wave Help Manual