

- 1. Installation of USB cable drivers for Windows** >Note: only 32bit Vista or 7 supported
a) Attach USB cable to spectrometer. b) If available, attach UP5V power to spectrometer.
c) Attach USB cable to available USB port on PC (or USB hub).

Insert StellarNet CDROM and allow WinXP to search for a suitable driver on CDROM.

If not WinXP, specify driver location on CDROM = **\SWDrivers10** then select folder:
\SWDrivers-USB2-Spectrometers or **\SWDrivers-USB1-GREEN-Wave**

Then finally select the driver for your Windows version:

For Win2000, XP, Vista, 7 → select folder named **“WinXP-Vista-7”**

For Win98, Me → select folder named **“Win9x”**

Use Device Manager to verify “StellarNet Spectrometer” is listed under USBDEV device.
Right click on MyComputer then select Manage, then select Device Manager.

Windows 7 users may see “unknown device” listed and will need to click “Update driver” and specify driver location as specified above.

Note: If “cable - start” appears, disconnect USB2EPP cable from PC and remove UP5V then repeat b) and c) above, to re-install cable driver and verify proper driver installation. If you have the time, it is smart to repeat the cable installation for each USB port on your PC. **Windows 7 users don't need to do this.**

- 2. Install SpectraWiz software using SWUpdate-Install.exe from CDROM**

Win2000 only: after installation completes, goto SpectraWiz folder, click on **Fix2000.bat**.

- 3. Install SWUpdate.exe from website if a more recent SpectraWiz version is posted.**

Click on Create-SWDesktop-Icon.exe for quick launch, then start SpectraWiz and verify continuous spectral graph display updates appear.

For operation as a SpectroRadiometer, exit SpectraWiz and goto step 4. **If you received a diskette marked “SNS files”, copy the files to C:\Program Files\ StellarNet\SpectraWiz.**

Otherwise, install the wavelength coefficients listed on spectrometer label using “Setup -> Unit Calibration” menu. See reverse side for instruction. Please note if you have BW-16 listed on label your coefficients will load automatically.

- 4. Install intensity calibration files for SpectroRadiometer operation**

The IRRAD-CAL (irradiance calibration) files are installed by clicking on the file **“MyCal-nnnnn.exe”**, where “nnnnn” = spectrometer serial # shown on label.

Start SpectraWiz and verify continuous spectral graph display updates appear.

Get going FAST -->>> WATCH the SpectraWiz software training videos on CDROM !

Driver and software updates are easily downloaded from the StellarNet website

- a. All drivers are in SWDrivers password=“wdrivers”
b. SWUpdate for all Windows vers password= no password ←get the latest version now

Additional information is available in the Spectrometer Manual on the StellarNet CDROM.

For PARALLEL cable installation see “Parallel cable installation.doc” on CDROM.

For StellarNet technical support, Phone: 813-855-8687 or email: Support@StellarNet.us

Software Configuration

>>Use info found on bottom unit label

1. Open SpectraWiz and select the “Setup” menu → then select “Unit Calibration Coefficients.”
2. Enter 1 at the channel prompt and then enter C1, C2, C3, and C4 values which are listed on the bottom label of the spectrometer. If no C4 is listed on the label then enter 0.
3. Select: “Setup” → “Interface and Port Detector.”
 - a) Always check USB2EPP cable unless using the GREEN-Wave spectrometer. If using a GREEN- or BLUE-Wave, select the appropriate choice.
 - b) Select the digitizer type listed on bottom of the spectrometer. These are LT12/LT14/LT16. If the digitizer is not listed, do not select any.
 - c) Select detector type; default is CCD 2048 unless otherwise stated on label.
4. Now, exit SpectraWiz for the changes to take effect. Start SpectraWiz and verify continuous spectral graph display updates appear.

For further instruction -->>> WATCH the SpectraWiz Application videos on CD !!