

Veriteq USB Logger Cable User's Guide

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Welcome

The Veriteq USB Logger cable allows you to plug any Veriteq logger directly into the USB port of a PC. The cable provides full USB to Serial conversion and eliminates the need for a separate USB to Serial adapter.

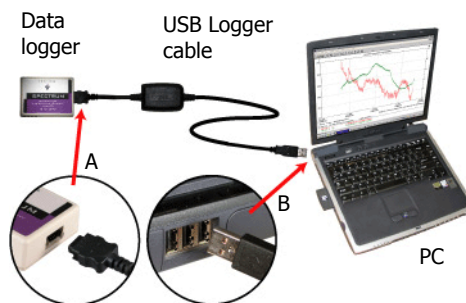
The USB Logger cable package comes with a software installation CD that provides the necessary drivers to work on Windows-based PCs. When you install the drivers, a virtual COM serial port is automatically created. The PC uses this COM port to communicate with the data logger.

System Requirements

- PC with Microsoft® Windows® 98®, ME®, 2000®, or XP®; CD-ROM drive; USB port
- One or more of the following Veriteq software applications:
 - Spectrum
 - vLog
 - viewLinc

Connecting the USB Logger Cable

1. Connect the serial end (A) of the USB Logger cable to the data logger.
2. Connect the USB end (B) of the USB Logger cable to a free USB port on the PC.



Installing the USB Logger Cable Driver

The procedure for installing the driver for the USB Logger cable varies depending on the operating system. Follow the instructions in the appropriate section to install the driver:

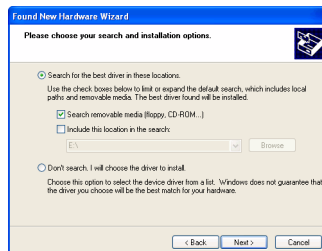
- For Windows XP—see page 3
- For Windows 2000—see page 4
- For Windows 98 or ME—see page 6
- Determining which COM port has been allocated (For all Windows versions)—see page 8

Windows XP

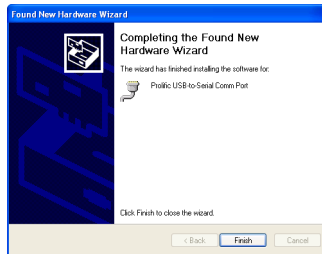
1. Once you connect the USB Logger cable to the PC, the PC detects a new USB device and opens the Found New Hardware wizard.



2. Select the **Install from a list or specific location (Advanced)** button, and then click **Next**.



3. Select the **Search for the best driver in these locations** button.
4. Select the **Search removable media (floppy, CD-ROM...)** check box.
5. Insert the CD that came with the USB Logger cable into the CD-ROM drive.
6. Click **Next**. The Found New Hardware wizard copies the driver files from the CD-ROM.



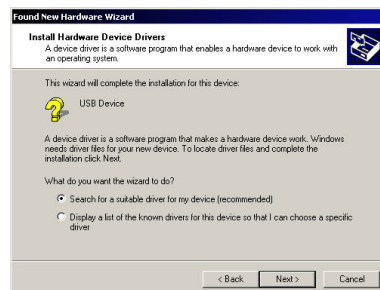
7. Click **Finish**.
8. Determine which COM port has been allocated for the USB Logger cable. For details, see page 8.

Windows 2000

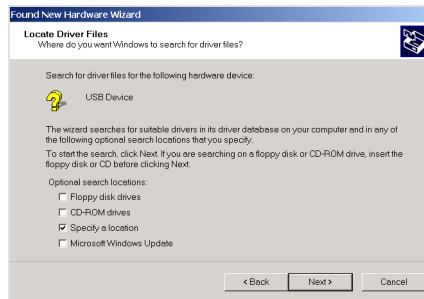
1. Once you connect the USB Logger cable to the PC, the PC detects a new USB device and opens the Found New Hardware wizard.



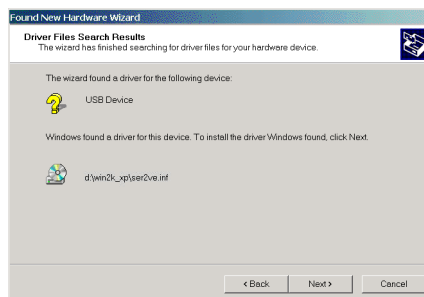
2. Insert the CD that came with the USB Logger cable into the CD-ROM drive.
3. Click **Next**.



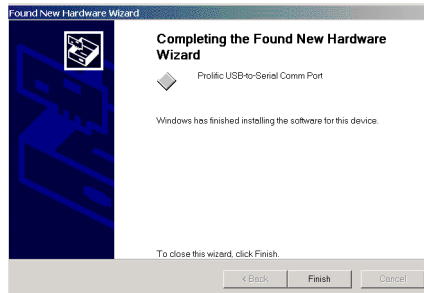
4. Click **Next**.



5. Select **Specify a location**.
6. Click **Next**, and browse to the **W2K_XP** folder on the CD.
7. Click **OK**.



8. Click **Next**. The Found New Hardware wizard copies the driver files from the CD-ROM.



9. Click **Finish**.
10. Determine which COM port has been allocated for the USB Logger cable. For details, see page 8.

Windows 98 or ME

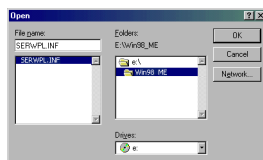
1. Once you connect the USB Logger cable to the PC, the PC detects a new USB device and opens the Add New Hardware wizard.
2. Click **Next**.



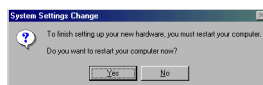
3. Select the **Display a list of all the drivers...** option.
4. Click **Next**.



5. Highlight **Other devices**.
6. Click **Next**.
7. Insert the CD that came with the USB Logger cable into the CD-ROM drive.
8. Click the **Have Disk...** button.
9. Navigate to the **Win98_ME** folder on the CD, and highlight the **serwpl.inf** file.



10. Click **OK**.
11. In the next wizard windows, click **OK**, **Next**, **Next**, **Finish**.



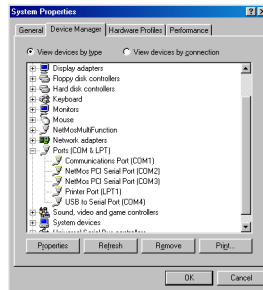
12. Click **Yes**.
13. Determine which COM port has been allocated for the USB Logger cable. For details, see page 8.

Troubleshooting Tip for Windows 98

Cannot Connect to Data Logger

If, after installing the USB Logger cable driver for Windows 98, you are unable to connect to the data logger using Veriteq Spectrum, Veriteq viewLinc Host, or Veriteq vLog software, try the following procedure to resolve the problem:

1. Open the Windows 98 Device Manager (**ControlPanel/System Properties/Device Manager**).
2. Check to see if the USB to Serial Port is listed under **Ports**, as shown in the following illustration.



3. If **USB to Serial Port** appears under **Ports**, make a note of the COM port number and try connecting to it again, being sure that you are selecting the correct COM Port in the Veriteq software **Tools>Options** window.

If **USB to Serial Port** does not appear under **Ports**:

- a. Insert the CD that came with the USB Logger cable into the CD-ROM drive.
 - b. Navigate to the **Veriteq USB Cable Drivers/Win98_ME** folder.
 - c. Double-click **DRemover98_2K.exe**, and wait for the .exe file to finish running.
4. Reinstall the USB Logger cable driver as described in *Windows 98 or ME* on page 6, being careful to choose **Display a list of all the drivers...** option in 3 on page 6.
 5. If you still cannot connect to the data logger, contact Veriteq Instruments.

Device Manager Shows Driver is not Properly Installed

If you see a yellow exclamation mark beside the driver in the Control Panel/Device manager, you have most likely selected the incorrect driver from the CD.

To correct this problem:

1. In Control Panel/Device Manager, right-click the USB Logger cable driver and select **Update Driver....**
This takes you back into the Add New Hardware wizard.
2. Follow the instructions on page 6. For *step 9*, be sure to navigate to the correct file, according to the cable you have.
3. If you are still having problems, contact Veriteq Instruments.

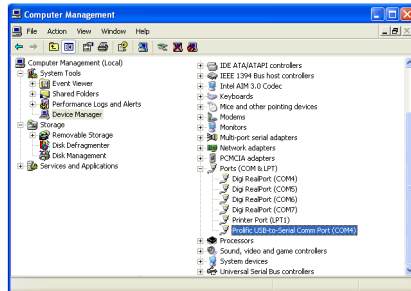
Determining Which COM Port has been Allocated

It's important to know the number of the COM port that has been allocated to the USB Logger cable because you will need this information when using Veriteq software to communicate with a data logger.

To check which COM port has been allocated:

1. Go to Windows **Control Panel/System/Device Manager** (the path varies somewhat depending on the Windows version), and check to see which COM port (USB to Serial COM port) has been allocated to the USB Logger cable.
2. Make a note of the new COM port number. You will need this information to configure the Veriteq software.

In the example on the right, COM4 has been added. Veriteq software will use this COM port when communicating with the data logger via the USB cable.



If you need to, you can change the COM port number allocated to the USB Logger cable. For instructions, visit the Veriteq web site at www.veriteq.com.

Customer Support

If you have any questions, need information, or have suggestions, contact:

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