

## CONNECTIONS FROM CABLE TO DEVICE

On the cable connector, you will find a labeling diagram indicating the color of the serial connection wires.

1. Connect the cable's ground wire to the device's ground pin.
2. If you are using the SQ-USB2-TTL cable (not the SQ-RS232-TTL cable), you may source 5.0V from the V+ wire directly. In this case, connect the V+ wire to the Vcc pin on the device. If your cable does not have a wire marked V+, then you must instead connect an external power supply of 3.7V to 5.8V to the power and ground pins of the device. In this case, be sure to connect ground from the power supply to the device as well as to the ground of the serial communications cable.
3. Connect the Tx wire from the cable to the Tx pin of the device.
4. Connect the Rx wire from the cable to the Rx pin on the device.
5. Connect other pins as necessary to V+ or GND to select various options for your device, such as baud rate or output mode.

## SERIAL OR USB CABLE INSTALLATION

1. If you are using the SQ-RS232-TTL cable, simply plug it into a working COM port on your computer.
2. If you are using the SQ-USB2-TTL cable, you must install the SQ-USB2-TTL drivers.
  - a. Do not connect the sensor until after the drivers have been installed.
  - b. Download the latest release of the drivers from <http://www.signalquest.com/support> (Download the file "SQ-USB2-TTL Drivers")
  - c. Unzip the downloaded file and run the installer executable.
  - d. When the SignalQuest sensor is first connected to the computer the "New Hardware Found" wizard will search for and install the correct drivers for the sensor.
  - e. It will be necessary for you to find out the number the Virtual COM Port installation process chose for your computer. You can find the information about this by going to Control Panel -> System -> Hardware (tab) -> Device Manager -> Ports. Verify that a new port (i.e. port 3, 4, 5 etc...) has been added and note its number for future use.

See the SignalVIEW Installation Guide for Troubleshooting help.