Connecting your Kestrel 4xxx Series to a Windows PC

Setting Up Kestrel

Indicates Unit has Bluetooth

Make sure you have a Bluetooth Device.

Press ⏻ to enter the Main Menu.

Scroll down to Bluetooth.

Press ⊖ to enter Bluetooth Menu.

If Bluetooth is Off, press ▷ to toggle to On.

Press ▽ to highlight Range.

Press ▷ to toggle Range to Hi.

Press ▽ to highlight Info and then pr ⊖

Setting Up Kestrel

Please ensure that all four fields are filled in similar to the picture shown.

If a field is empty or shows "****", please contact NK.

Take note of the 4 digit PIN number on your unit.
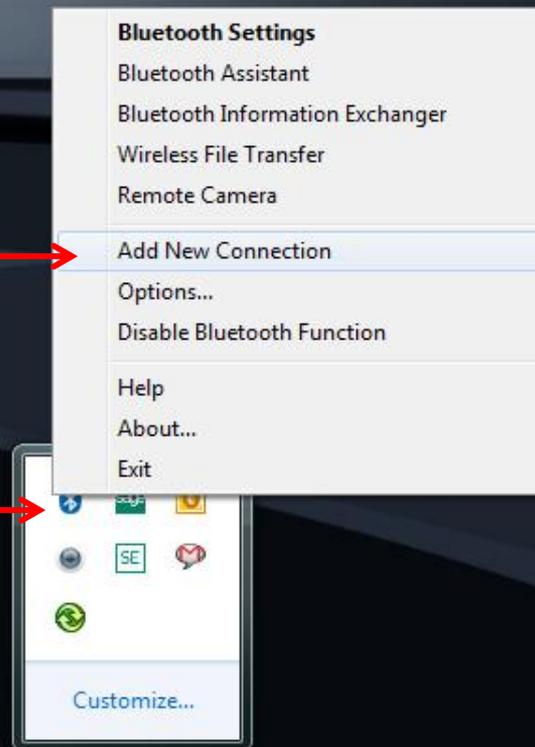
Place Kestrel near the Computer.

Log into your PC for the next step.
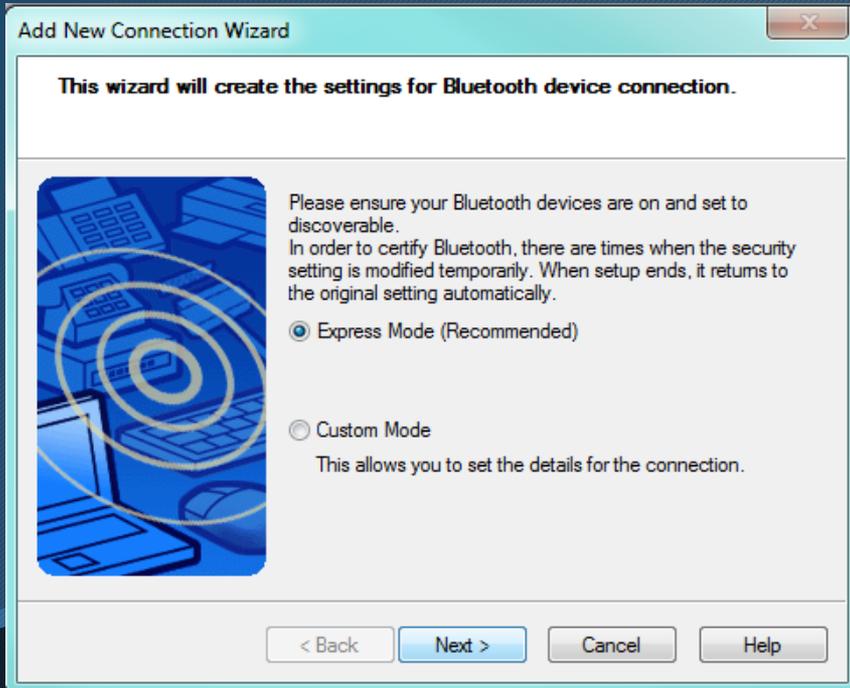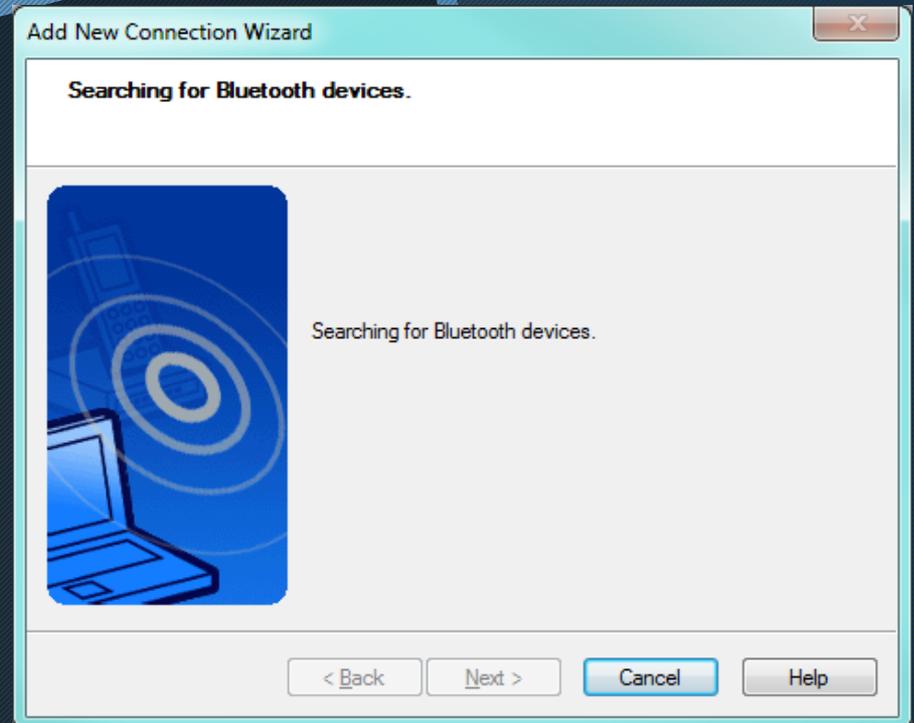
Add a Bluetooth Device

Right Click on the Bluetooth Manager Icon and select Add New Connection.
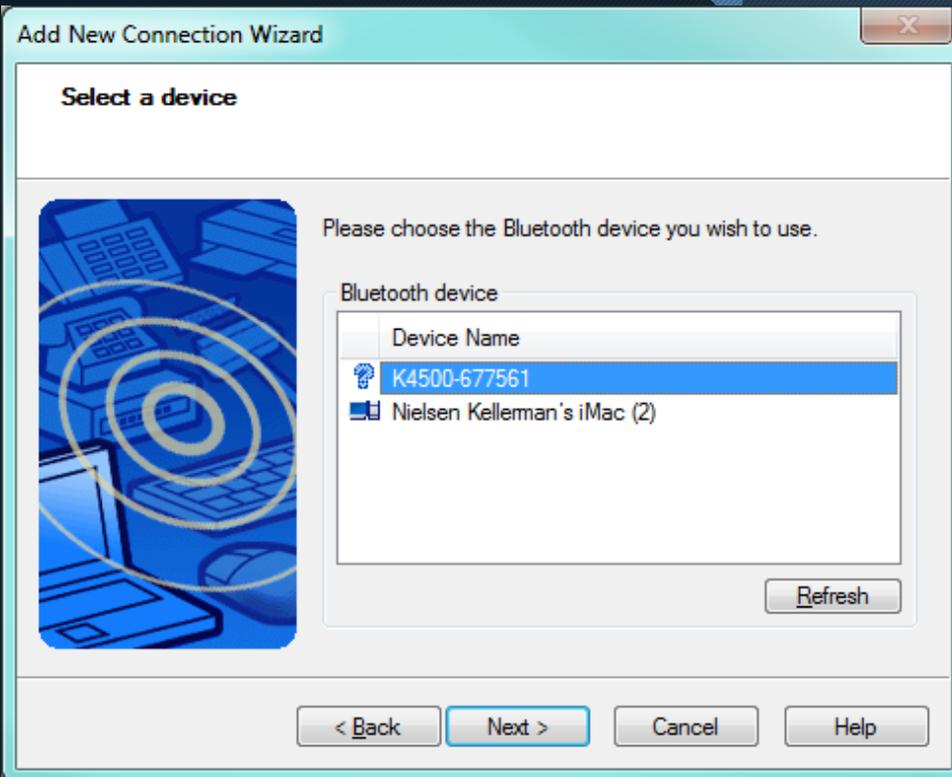
Add a Bluetooth Device

Choose Express Mode to begin scanning for the Kestrel Device.
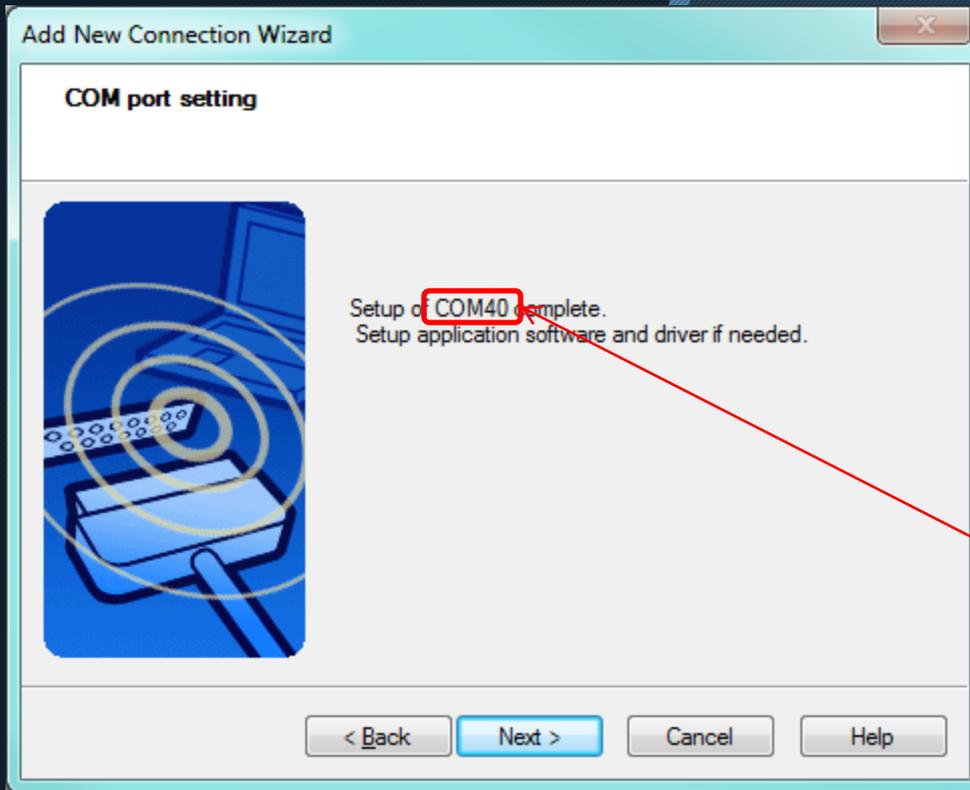
Pairing a Bluetooth Device

Once the Kestrel Device is found, select it and hit Next.

It is possible that the address from the Info screen will be shown instead of the serial number (as seen on the left).

Example - 00:06:66:60:03:39

Pairing a Bluetooth Device

**Be sure to take note of the COM port number that the unit connected through.**

This is necessary for connecting with the application you are using later on.

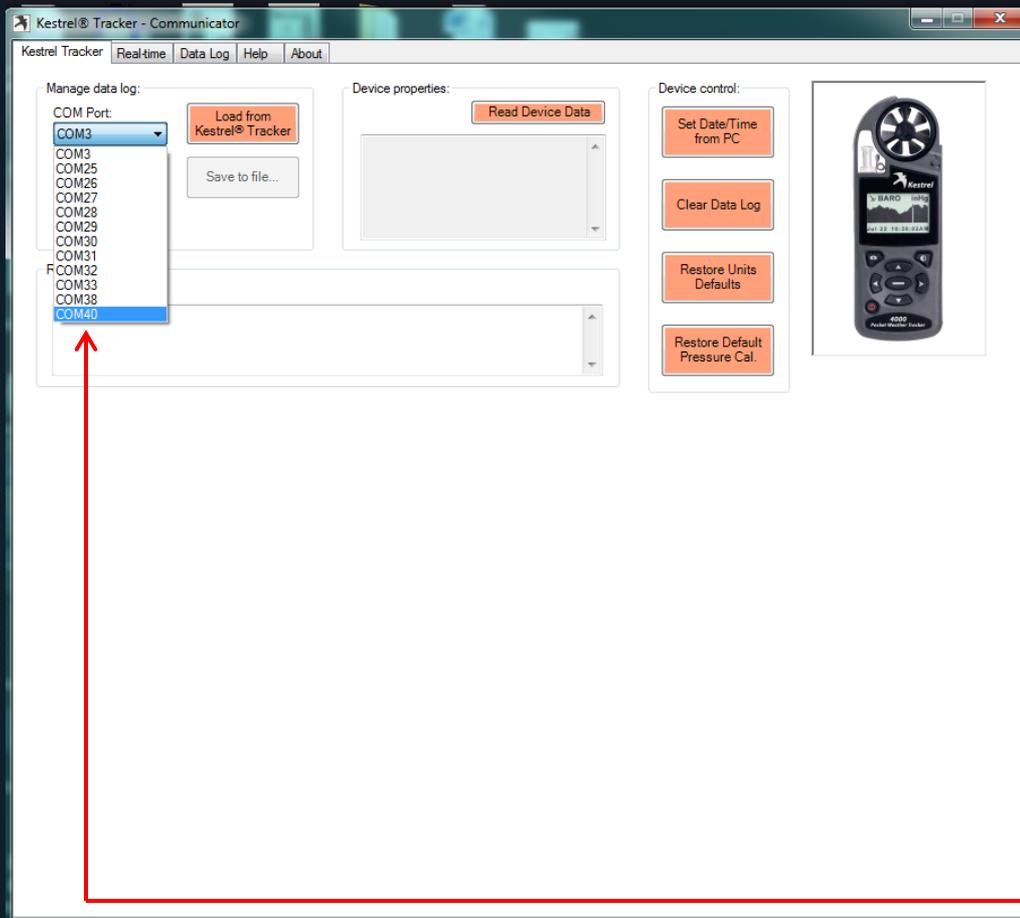**In this example, I am connecting through COM40.**

Entering Your Pin

If you were not prompted for a PIN on the last step, right click on the connection in the Bluetooth Manager program and select Connect.

Enter the 4 digit PIN found on the Kestrel
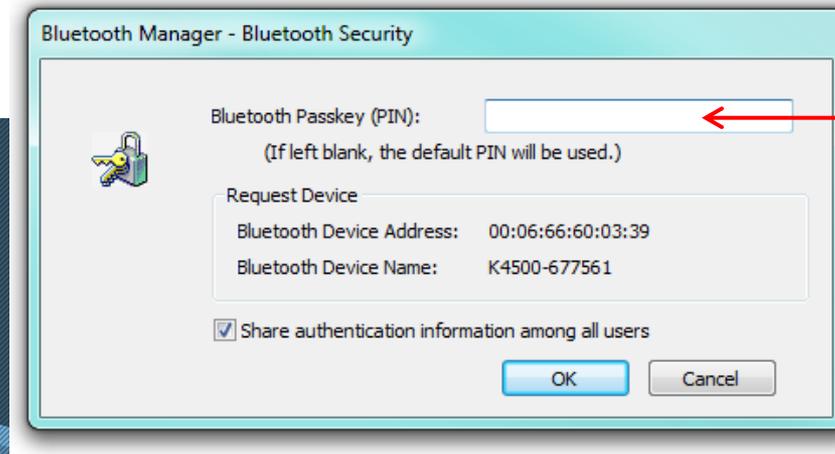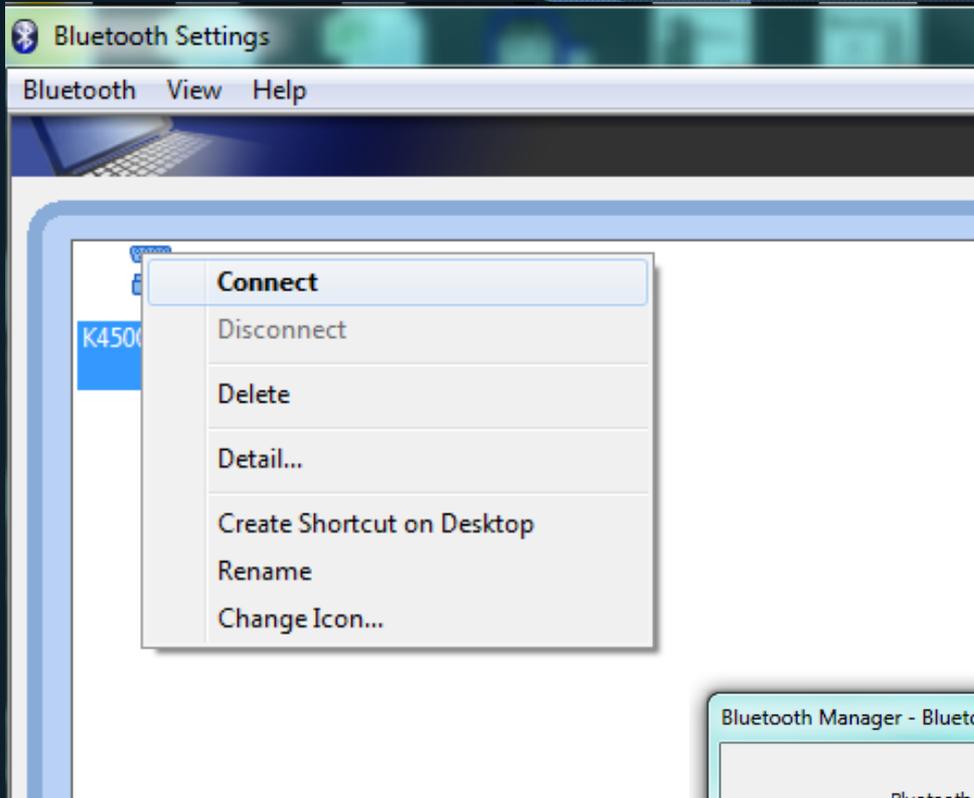
Communicating with Application

Now that you have successfully paired the Kestrel, open the application that you would like to communicate with. In this case we are using Kestrel Communicator.

Locate the COM port drop down menu and select the appropriate number that was retained from before. In this case, it was COM40.

Troubleshooting COM#
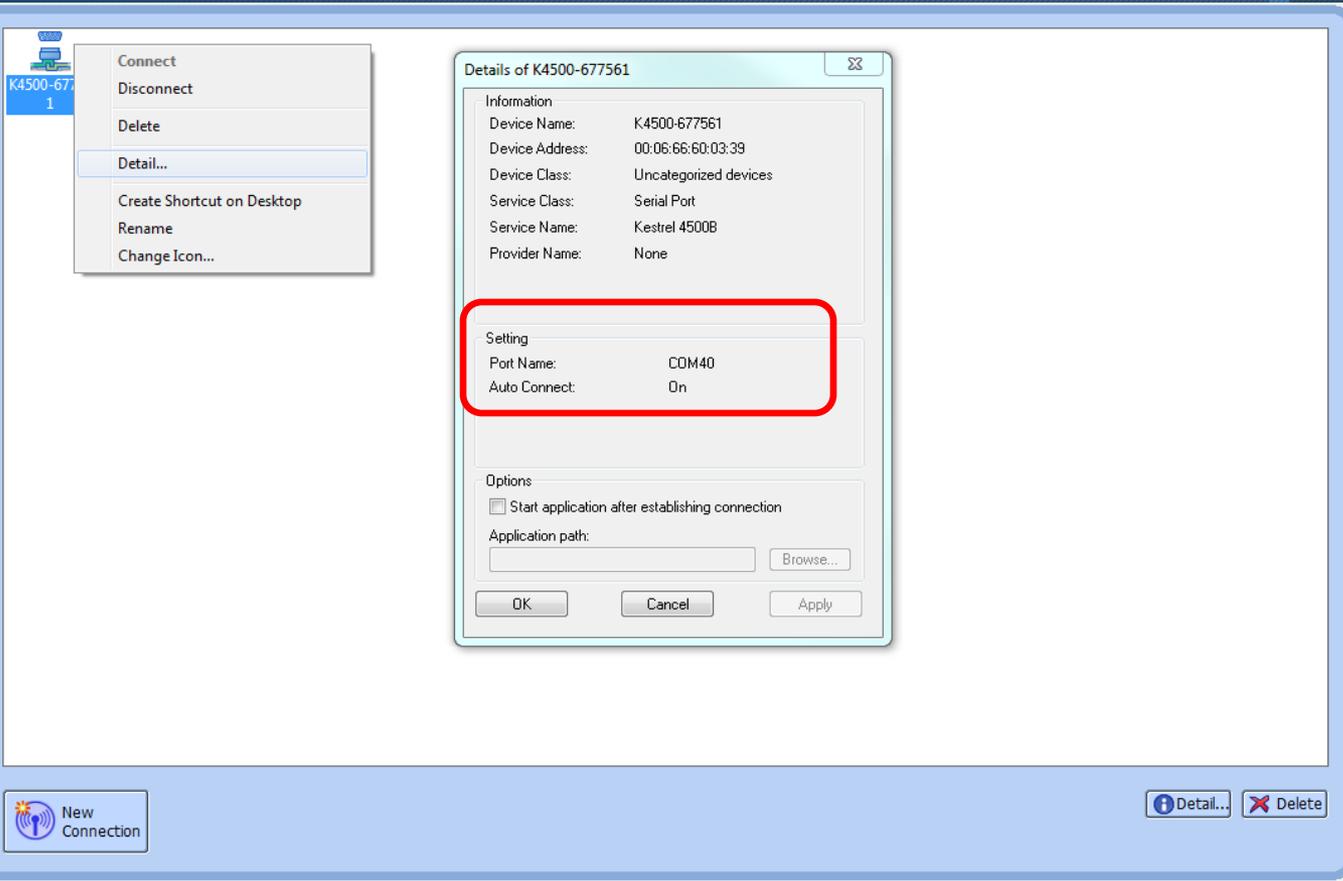
If you do not know which COM Port you are connected to, go to the Bluetooth Manager program again.

Right click on your connection and select Detail.

The COM port number should be shown.

Other Troubleshooting Tips

For connection issues

- You do not have a Bluetooth unit.   You will need to purchase PC Interface cradle in this case in order to connect.

- The Kestrel is not turned on. Please turn on before connecting.

- The COM port # does not match.

- The computer is assigning COM1 (or an invalid COM port) to the connection.   This may be a "physical" COM port (not virtual).   Try changing your COM port number manually. Here is one example of how to do that.

- You are not using the latest version of Kestrel Communicator. Please go to www.nkhome.com to download the latest version.

- Your PC Bluetooth module is Bluetooth Low Energy (BLE). BLE modules are not compatible with the Kestrel.   Please see our site for purchasing a compatible external Bluetooth dongle.

- You have two programs opened at once using the same COM port. Try closing one and trying again (i.e., Kestrel Communicator and Gun Loader software).