

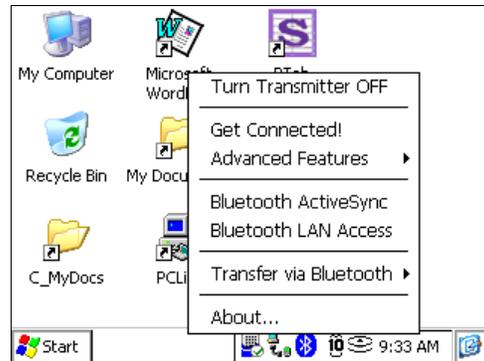
Allegro CX – Connect Bluetooth Instrument

With default settings, the Allegro CX should already be configured with the Bluetooth radio turned on and set to use COM 6. (*Tested on Allegro CX Color with integrated Bluetooth.*)

Turn on your Bluetooth Transmitter (Allegro)

Press the Blue then Start buttons on your keypad to bring up the start menu then click on the Bluetooth Icon in the system tray near the clock to bring up the Bluetooth menu.

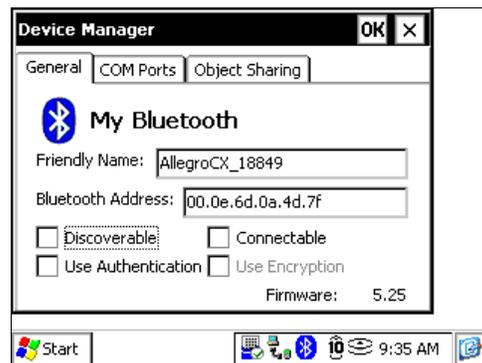
Click “Turn Transmitter ON” if you see that. (If it says “Turn Transmitter OFF” then it is already turned on, do not turn it off.)



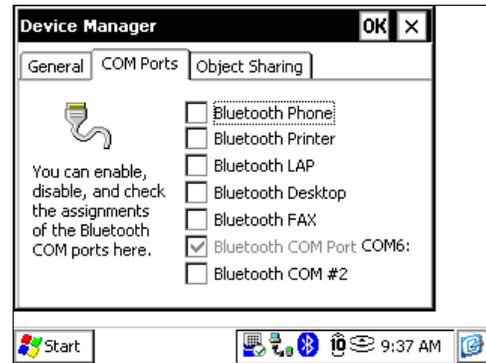
In the Bluetooth menu, click on Advanced Features, then My Bluetooth Device.



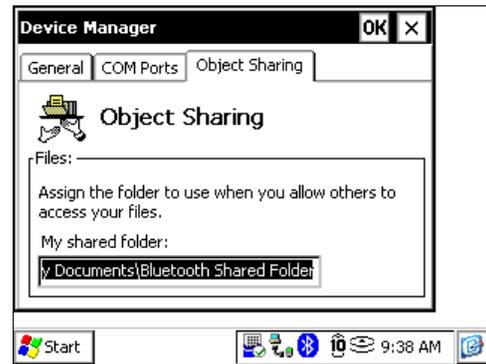
On the General tab, just leave the default settings. It doesn't matter what options are checked since the connection will be initiated by the Allegro, not by the instrument.



On the COM Ports tab, ensure that Bluetooth COM Port is checked and note which COM Port it is using (COM 6 in this example). It doesn't matter if anything else is checked on or not.



On the Object Sharing tab, just leave the default setting. It doesn't matter what folder is shared.



Click OK to close the Bluetooth settings.

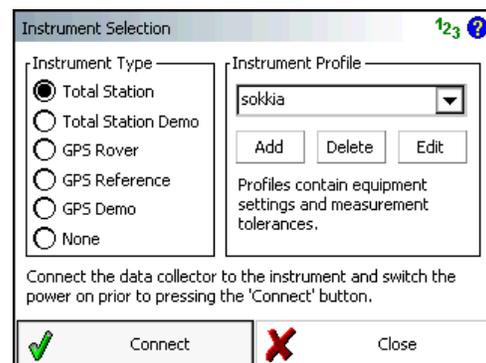
Turn on your Bluetooth Transmitter (Instrument)

Ensure that your total station or GPS receiver has also been configured to use a Bluetooth connection. Please refer to your equipment manufacturer's manual for instructions.

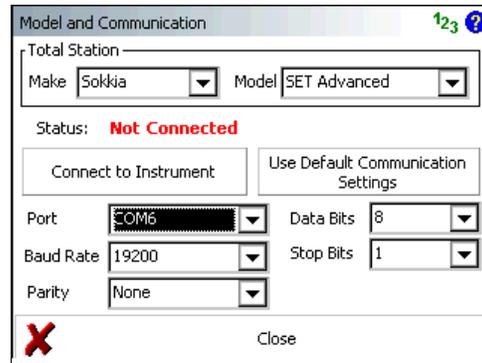
Configure FieldGenius to use Bluetooth COM Port

Start up FieldGenius, and go into the main menu, then Settings, then Instrument Selection. Edit your Total Station, GPS Rover, or GPS Reference profile with the following changes...

Tip: If you frequently switch back and forth between connecting with a Cable and Bluetooth, you can create a separate profile for each.

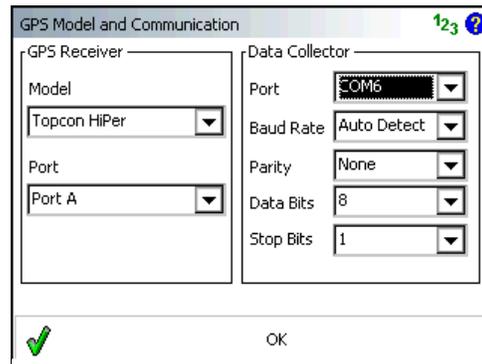


For a Total Station, click on the Model and Communication button. The only option that you will need to change is to set the COM port to match what we saw earlier, in this case COM6.



All of the other profile settings will be the same whether you are connecting with Bluetooth or with a cable.

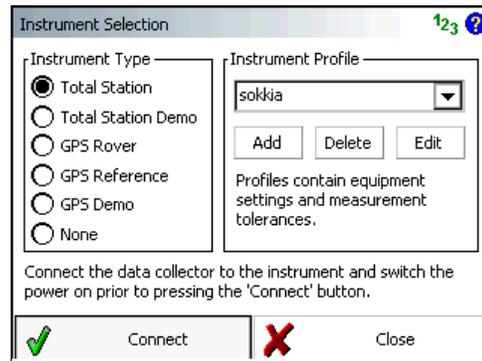
For a GPS Receiver (base or rover), click on the Model and Communication button. The only option that you will need to change is to set the Data Collector Port to match what we saw earlier, in this case COM6.



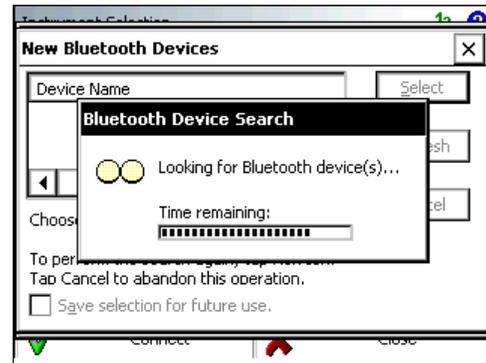
All of the other profile settings will be the same whether you are connecting with Bluetooth or with a cable.

Connect FieldGenius through Bluetooth

Connect to your instrument the same way as you would with a cable, either through the Instrument Toolbar or the Instrument Profiles screen.



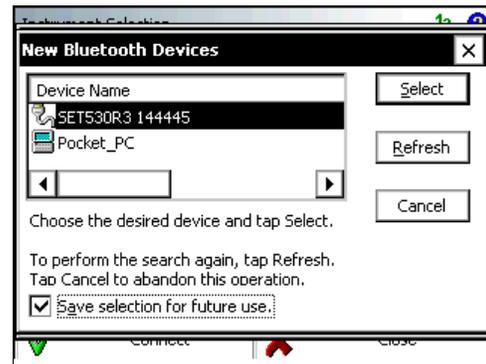
FieldGenius will automatically connect to the Allegro's Bluetooth signal and will begin a search for any Bluetooth devices within range.



Select your instrument or receiver in the list, turn on the "Save selection for future use" option, and press Select.

If you do not see your instrument, press the Refresh button. If you still do not see your instrument, check that it has been properly configured to use a Bluetooth connection.

Some instruments may then give you a selection of Bluetooth services to choose from. If so, just follow any prompts that come up.



If you checked the "Save selection for future use" option shown above, then on any subsequent connections only the previously selected Bluetooth device will be shown, and anything else that may be within range will be hidden. Just press the Select button.

