

Magellan PM 500 – CDMA Setup with Alltel and Fast Survey  
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**BLUETOOTH PARING CELLPHONE WITH MMCX:**

1. **Activate Bluetooth on Cell phone**
2. **On MMCX, Start Menu – Setting – Control Panel – Double click Bluetooth Manager (icon appears at bottom of screen)**
3. **Pick Bluetooth icon and select show.**
4. **On the top of the screen pick the flashlight icon which will search for Bluetooth devices.**
5. **Once your cell phone shows up on the screen, pick and hold icon and let up. When you let up a box will show up and pick PAIR.**
6. **Enter in a Pin number (any number will do but remember) (recommend 4 digits).**
7. **Check phone to see if it asks for pin number, if so use the same pin number as entered in MMCX.**
8. **If pin number was correct you should see a paddle lock on the icon for the phone on the screen of the MMCX.**
9. **Go ahead and close the Bluetooth Manager. At this time the cell phone and MMCX are paired.**

**ESTABLISHING DIALUP NETWORK WITH MMCX AND CELL PHONE:**

1. **Start – Settings – Network and Dial up Connections.**
2. **Select Make New Connection**
3. **Type in a name for this connection (recommend the type, ex. Blackberry 8830) and hit next.**
4. **On the screen select configure and change baud rate to 57600 and hit OK.**
5. **Tap next and in the phone number enter #777 and hit finish. You will see a connection with your phone.**
6. **Double click the connection then choose Dial Properties.**
7. **Select Edit.**
8. **Make sure or change all the fields to the letter g and tap OK.**
9. **Verify at the bottom that the dial patterns are all the letter g if so hit OK.**
10. **Close out of Dialup Connection and pick and hold phone icon and release and pick properties. Check to see that the Select a Modem is set to “BT Modem on name of phone” and under Phone Number that the phone number is #777, if so hit OK.**

**Procedure to establish Bluetooth and Dialup Connection for use with PM 500**

1. **On the MMCX select Start – settings – control panel – double click Bluetooth Manager – pick flashlight and the phone icon should be shown**
2. **Double click phone icon and then double click Dialup Networking icon. Should see box “Connection succeeded on Communication port COM\*”. Click OK and X out.**

3. On MMCX select Start – Settings – Network and Dialup Connection – double click on phone name and hit connect. Box should appear and open port and show connected – Hit the Hide button and then X out.

**CONFIGURING FAST SURVEY FOR NTRIP CONNECTION TO A VRS NETWORK:**

1. Open Fast Survey
2. Go to GPS Rover
3. Configure GPS Rover to the PM 500 configuration in Current, Comms and Receiver tabs.
4. Go to RTK tab and under Device select “Data Collector Internet” and under Network select “NTRIP”.
5. Under the Config button this is where you enter in the name of network, the IP address, Port, Username and Password you will get from the network administrator. Once entered hit the Green Check.
6. Hit the Green Check mark again and it will connect to receiver and then ask you if you want to “Connect to network” hit Yes. If successful it will tell you that “Connection was Successful”.
7. Soon you should see the solution on the rover go Fixed.