



## Connecting the ProMark3 with a Motorola V195/ MOTO RZR with T-Mobile Activation

### Cingular Settings are Highlighted in Orange

\* ProMark3 OS F/W 2.13 / EBoot V1.19 / GPS FW Version P008 / Base Map V2.01\*

**Note: Steps 1-7 are done once to setup your specific telephone . Thereafter, you will start at Step 8 for your connection.**

#### Step 1

##### On the Motorola V195:

- Turn on the Motorola V195 and Press the circular center (Menu/Select) button:
  - ◆ Go to Settings icon (screwdriver and wrench picture) and press Select key
  - ◆ Go to Connection Icon and press Menu/Select key
  - ◆ Highlight the Bluetooth icon and press Menu/Select key
  - ◆ Go to Setup, Set Power to "On"
  - ◆ Name the phone something recognizable like "MOTOJOE"
  - ◆ **Back - PREPARE TO PRESS Find Me (Select) BUT NOT YET.**

#### Step 2

##### On the ProMark3:

- Settings – Bluetooth Manager (wait for it to load, may take 15 seconds or so.)
- Press Select "Find Me" on the Motorola phone now.
- Tap the "Flashlight" to search for your MOTO. At the end of the sequence, look for the phone icon in the BlueTooth Manager Window.
- Tap and HOLD the phone icon
  - ◆ Select Pair
  - ◆ Enter a one or two digit number (suggest 00) for the PIN on the MMCE (activate the keyboard for this)
  - ◆ The MOTO will request "Bond with WindowsCE?" Press "Yes"
  - ◆ Enter the same PIN number as above – "OK".
  - ◆ When the MOTO and the MMCE have been successfully paired, there will be a yellow circle with a black padlock over the named phone icon on your ProMark3.

#### Step 3

**For next step it is imperative you leave the phone on but on the ProMark3, X out of Bluetooth Manager and Control Panel, shut the ProMark3 off through "Full Shut down Mode" then restart the PM3 and re-enter Bluetooth Manager.**

#### Step 4

- Tap the "Flashlight" to bring up the Paired and named phone icon and wait for it to finish searching.



- Double Tap the new named phone icon to bring up 3 new icons (File Transfer, Object Push and Dial-Up Networking”.
- Double Tap the “Dial-Up-Networking” icon.
  - ◆ You will get “Connected succeeded on COM PortX” (COM Port may vary but remember this port number). “OK” this screen.
  - ◆ You should now have a black plug on a green background over the Dial-Up Networking icon.

### Step 5

- **Create a Shortcut by Tap and Hold the Dial-Up-Networking icon** now with a back plug with green background and select Create a Shortcut – OK
- Tap the STAR to view the Shortcut you just created. (In case of more than one Shortcut, yours should have the black plug icon on it.) X out to Settings.

### Step 6

#### **Prepare for GPRS Connection**

- Double Tap “Network & Dial-Up Connections” from the Settings Menu.
- Double Tap “Make New Connection”
  - ◆ Name the connection via an activated keyboard
  - ◆ Keep Dial-Up connection checked
  - ◆ Next >
- On Select a Modem: Drop down the box and choose BT Modem on “PHONE NAME” COMX
- Configure @ Baud **57600, 8, N, 1, Hardware, all else unchecked.**
- Tap “Call Options” Tab, Activate the keyboard and in Special modem commands area and enter:
- Include the “ “ typed exactly as noted below for your specific carrier.
  - +cgdcont=1, ”IP”, ”wap.voicestream.com” (T-Mobile)**
  - +cgdcont=1. ”IP”, ”wap.cingular”(Cingular)**
- Hide the keyboard and tap “OK”
- Ignore the Windows CE Networking warning message and the OK to close the window
- In the Modem window Tap “Next >”.
- In the “Phone number” field, activate keyboard and enter:
  - \*99#** (all else blank.)
- Tap “Finish”
- A new icon appears in the Connection Window with your connection name. X out to Settings

### Step 7

#### **Establish a GPRS Connection**

- Double Tap the New Phone Connection icon
- Enter the following for a T-Mobile Connection
  - User name: **user** (For T-Mobile)      **wap@cingulargprs.com**
  - Password: **wap** (For T-Mobile)      **cingular1**



Domain: **Leave Blank** as it was filled in at the Modem Command from above.

NOTE: There has been discussion if these should be caps or lower case and I have found this to work with lower case.

- Check “Save Password” Box
- Tap Dial Properties – Edit
- Edit all 3 fields to Read only **G**
- OK twice to return to Dial-Up Connection Window
- Tap CONNECT – once connected tap Hide from the Connected to MOTO xxxx – X out of connection screen.
- After a couple of messages you will see a “Connected” Message.
- Tap “HIDE” ProMark3 and the MotoV195 can be closed.

#### **Disconnection Procedure**

- Close/Exit out of Application Program.
- Settings - Dial Up Network Connections
- Highlight your Phone icon and go to Connection at top right – Disconnect
- Highlight the Blue Tooth icon at the bottom of the screen and choose Exit.

### **Step 8**

#### **Re-Connect Procedure**

- Turn on the Motorola V195 or RZR and close the clamshell when activated.
- Turn on the ProMark3

#### **This example is using DirectIP**

- On the Desktop, Tap the BlueTooth: icon and wait for Bluetooth Manager to load.( This is if you have the BT Manager on the desktop)otherwise, find it!
- Tap the “STAR” to access the Short Cut that you create in the original setup.
- Double Tap the “Dial-up Networking” icon and wait for the “Connection succeeded on communication port COM X – tap OK.( Be patient it may take a few seconds)There will be a black plug in a green circle over the icon – X out (minimize this screen).
- On the desktop, tap the Network & DialUp icon and from the Connection screen, double tap your named phone icon . Then tap “Connect”.
  - ◆ The ProMark will show “ Opening Port, Dialing, User Authentication, Connected.”
- When Connected Tap “Hide” and then X out (minimize) the Connection screen.
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- From the desktop, Double Tap the “DGPS Configuration” icon..
- Tap “Select Mode” and choose the desired differential mode (DirectIP or NTRIP) - OK.
- Tap either the Direct IP: pull down menu to select an address or the pencil icon to create a new one.
- Tap “Connect”. You will see the “Received xxxxxx Data Packets” at the bottom of the DGPS Configuration screen. Tap OK at the bottom of the screen and wait for the configuration to finish. It should say “Processing Incoming Data Packets. That means you’ve succeeded!
- “OK” The DGPS Configuration screen and your ready to activate your application.
- From the ProMark3 Desktop, select your application program, Fast Survey or Mobile Mapping .



- To disconnect from the data stream or hang-up you simply need to tap on DGPS configuration on the desk top and select disconnect.