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Using a Palm Pilot to Program FreeWave Radio Modems

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Sometimes it is not practical to use a laptop computer or a computer workstation to program FreeWave transceivers. The ability to access the setup menu through a Palm IIIxe provides convenience to the end user.

Equipment Used:

1. Palm IIIxe
2. HotSync cable P/N 405-0239C
3. Null modem adapter with double male connection, or use a null modem adapter with a female/male connection with a male/male gender changer.
4. Palm Telnet 0.41 software (http://palmsoftware.tucows.com/tucows_int_telnet.html) Please read all warnings before installing this software.

Procedure:

1. Start the Palm Telnet Software
2. Press the Menu Icon to bring up the menu screen, select **Serial**
3. In the serial screen check the following settings:
 - i. Baud Rate should be set to 19200
 - ii. Parity set to **N**
 - iii. Word set to **8**
 - iv. Stop Bits set to **1**
 - v. Check the box for **Xon/Xoff**
 - vi. Press OK
4. Press the Menu Icon to bring up the menu screen, select **Terminal**
5. In the Terminal screen check the following settings:
 - i. Mode set to **Serial**
 - ii. Return set to **CR/LF**
 - iii. Screen Width set to 40 or to whatever setting you prefer
 - iv. Be sure **NOT** to check the box that says Local Echo
 - v. Press OK
6. Press the **On** icon on the screens toolbar. This will start the Telnet software.
7. Press the Setup button on the FreeWave modem and the setup screen will appear on the PalmTop
8. To change settings in the FreeWave setup mode the easiest way is to use the Palm graffiti language. If the keyboard function is used to change the settings then an extra carriage return might be necessary for the changes to take effect. Refer to the Palm user manual on how to make a carriage return on the left side of the graffiti writing area.

