

# DigiKeyer and TRX Manager Setup

## **Router setup:**

Note: The absolute port numbers do not matter. The key is consistency - the same port number must be used for a specific function every time it is used.

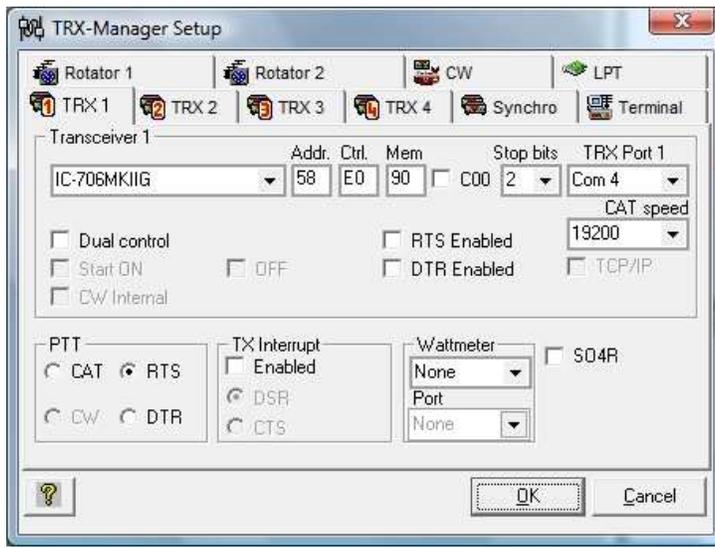
1. Assign the radio control virtual COM ports. Click the **Set** button and select your radio from the drop down box. Uncheck the **Disable router queries** box.
2. Assign the same port for CW as you assigned for Radio control
3. Assign the same port for PTT as you assigned for Radio control.
4. Assign a port for FSK – check the PTT box (for use with other Digital software).

The screenshot shows the 'Ports' configuration window in DigiKeyer. It has three tabs: 'Ports', 'Keying', and 'FSK Messages'. The 'Ports' tab is selected. Under the 'RADIO' section, the frequency is 40920. The settings are as follows:

Function	Port	Control	Status	Buttons
CAT	COM4		closed	Set
2nd CAT	none			
FSK	COM6	<input checked="" type="checkbox"/> PTT	closed	Test
2nd FSK	none	<input checked="" type="checkbox"/> PTT		<input type="checkbox"/> invert <input type="checkbox"/> strict bps
CW	COM4	DTR	closed	Test
PTT	COM4	RTS	closed	Test
2nd PTT	none	RTS		
SQL	none	CTS		<input type="checkbox"/> invert
Control	none			Mon

5. On the **PTT** tab, check PA PTT if DigiKeyer will be controlling an amplifier.
6. Save settings to a preset by selecting menu **Preset | Save as**. Choose a position and name it TRX Manager.

## TRX Manager setup:



1. Open **Parameters | Setup** and select the TRX tab for the radio connected to *microKEYER II* ...
2. Set the TRX Port to the virtual COM port you used for control in Router's Ports tab
3. Select the Stop Bits, CAT Speed, and address as needed for your radio.
4. Uncheck "RTS Enabled" and "DTR Enabled."
5. Set PTT to RTS.

6. Click the CW tab
7. Set the CW port to the virtual port you assigned for CW in Router.
8. Make sure the "WinKey" box is empty
9. Select the DTR line for CW output.
10. Click "OK" to save your settings.

