

# DigiKeyer II and DXBase 2007 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 port. Click the **Set** button and select the radio from the drop down box. Uncheck the **Disable router queries** box.
2. Assign a port for WinKey
3. If you plan to use MMTY or HamScope for digital mode operation, assign a port for FSK and check the PTT box. If you do not use digital modes, you can skip this step.

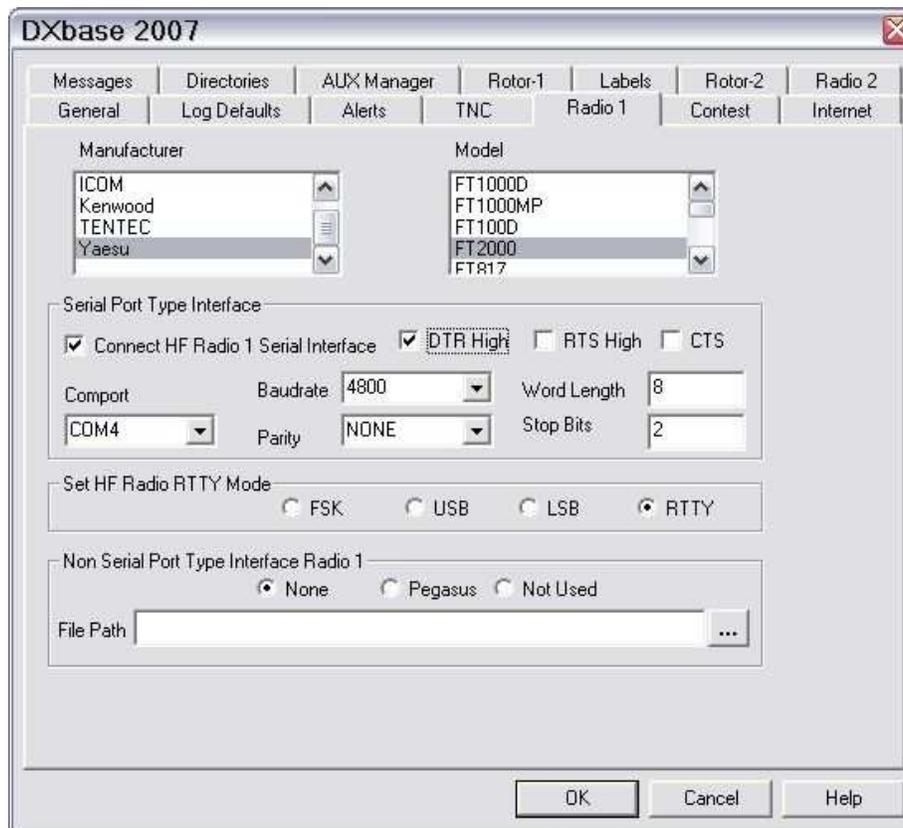
The screenshot shows the 'Ports' configuration window for an Icom IC-706 MkII-G radio. The frequency is 14087.580. The settings are as follows:

Function	Port	PTT	RTTY Status	Buttons
CAT	COM4	<input type="checkbox"/>	closed	Set
2nd CAT	COM5	<input type="checkbox"/>	closed	
FSK	COM6	<input type="checkbox"/>	closed	Test
2nd FSK	none	<input checked="" type="checkbox"/>		<input type="checkbox"/> invert <input type="checkbox"/> strict bps
CW	none	DTR		Test
PTT	COM4	RTS	closed	Test
2nd PTT	COM6	RTS	closed	
Foot Switch	none	CTS		<input type="checkbox"/> invert
SQL	none	CTS		<input type="checkbox"/> invert
WinKey	COM3		closed	Test Mon
Control	none			Mon

4. On the **PTT** tab select PTT, QSK or Semi Break-In (QSK with PA PTT) for CW and check PA PTT I DigiKeyer II will be controlling an amplifier.
5. Save the settings to a preset by selecting **Preset | Save as**. Choose a position and name it DXBase.

## DXBase 2007 setup:

1. Click **Tools | Options | User Options** to open DXBase configuration notebook ...



2. Select the Radio page and assign your radio to the virtual COM port you used in Router's Ports tab
3. Set the Baudrate, Word Length, Parity and Stop Bits settings required by your radio.
4. Click OK to save your settings

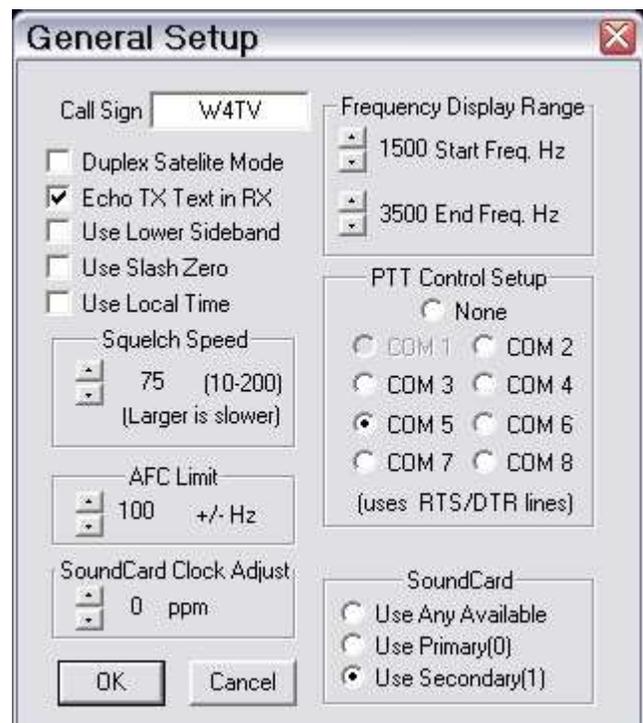
5. Open DXBPSK and click on **Settings | General Setup.**

6. In PTT Control Setup, select the virtual port you set for PTT on Router's Ports Tab.

7. Select the Secondary sound card if you have more than one sound device in your system.

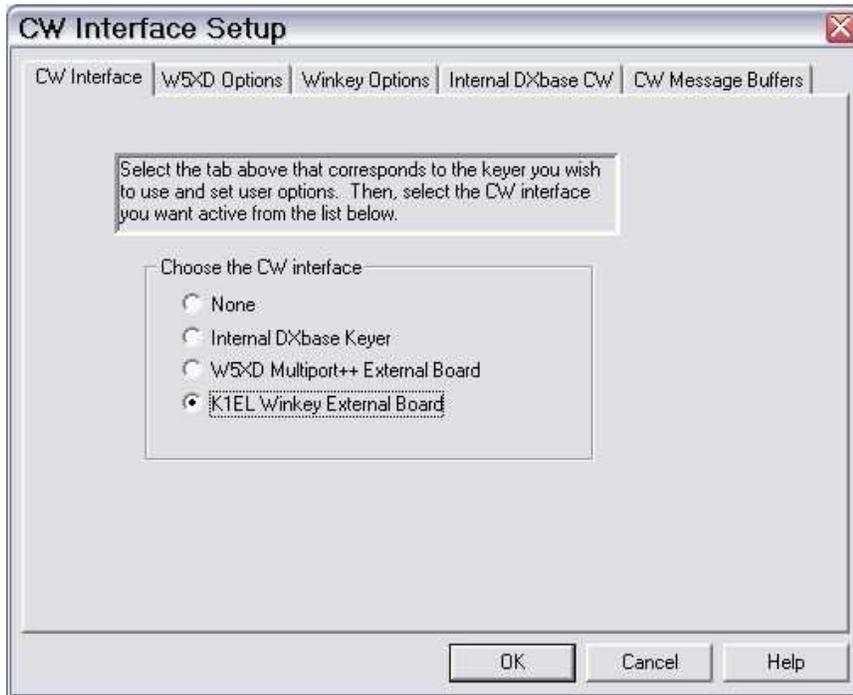
Note: DXBPSK may not be usable with Vista or Windows 7 due to the way it handles sound card addressing.

8. Click OK to save your settings.



## CW/WinKey setup:

The Internal DXBase Keyer will not work with DigiKeyer II. You must use WinKey.



9. Click **Tools | Options | CW Keyer**

10. Select **K1EL Winkey External Board**.

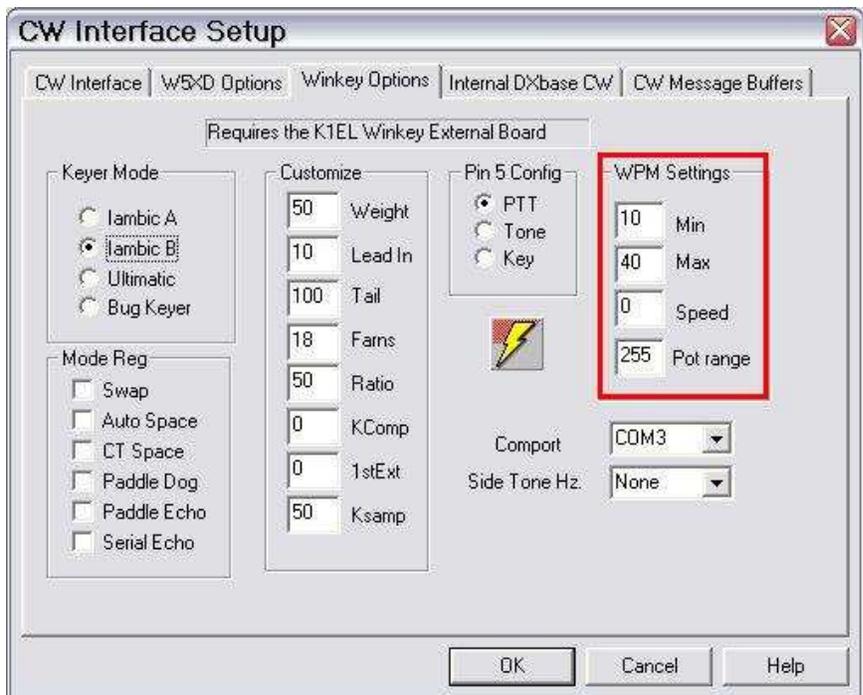
11. Select the Winkey Options tab.

12. If you want to control CW speed using the Speed control on the DigiKeyer II front panel, set Speed = 0 and Pot range = 255.

13. Set Comport to the virtual port you selected for WinKey on Router's Ports Tab.

14. Select PTT for Pin 5. Router's PTT tab settings will override PTT the PTT setting if you operate QSK.

15. Click OK to save your settings.



Note: Router will override the "Customize" settings.