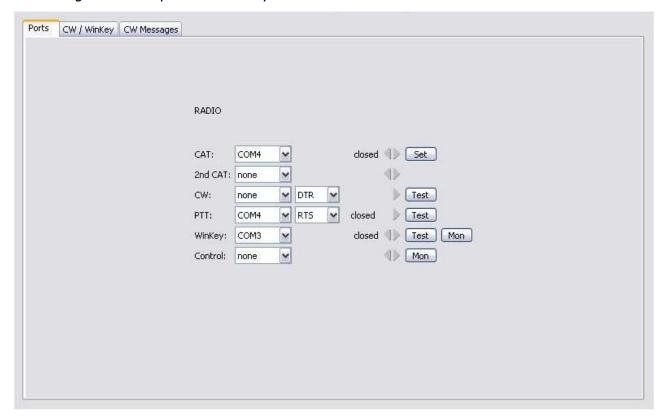# microKEYER and DX4Win setup

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.
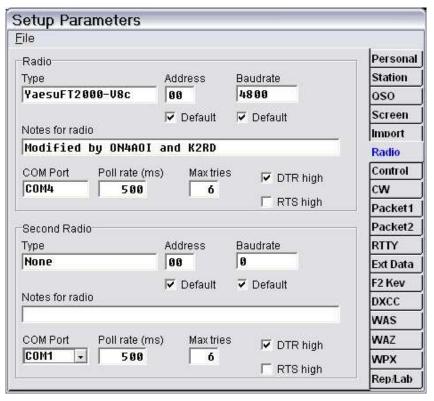
1. Assign the radio control virtual COM port.

2. Assign a port for WinKey

3. Assign the same port for PTT as you used for Control

4. Save the settings to a preset by selecting **Preset | Save as.** Choose a position and name it DX4Win.
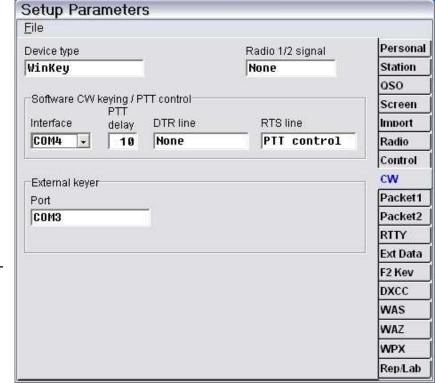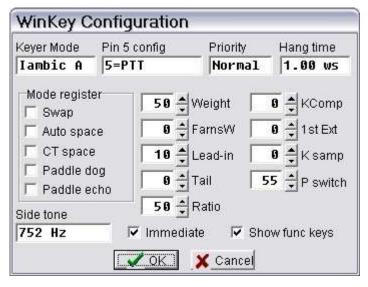
DX4Win setup:

1. Click **File| Preferences** to open the Setup Preferences notebook ...

2. Select the Radio page and assign your radio Assign the radio to the virtual COM port you used in Router's Ports tab

3. Set the Baudrate required by your radio.

4. For Icom and certain TenTec radios, set the CI-V address.

5. Select the CW page

6. Select WinKey as the CW Device type

7. Set the virtual port you chose for WinKey on Router's Ports tab for the External Keyer.

8. Set the virtual port you chose for Control and PTT on Router's Ports tab for PTT control. Select PTT control for the RTS line.

WinKey Configuration

Keyer Mode	Pin 5 config	Priority	Hang time
Iambic A	5=PTT	Normal	1.00 ws

Mode register
- ☐ Swap
- ☐ Auto space
- ☐ CT space
- ☐ Paddle dog
- ☐ Paddle echo

50 ⇅ Weight	0 ⇅ KComp
0 ⇅ FarnsW	0 ⇅ 1st Ext
10 ⇅ Lead-in	0 ⇅ K samp
0 ⇅ Tail	55 ⇅ P switch
50 ⇅ Ratio	

Side tone
752 Hz

☑ Immediate ☑ Show func keys

✔ OK   ✗ Cancel

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9. Open the CW Keyboard (ALT-K)

10. Open the CW Keyboard settings (ALTS)

11. Configure the settings you prefer for CW operation including weight, PTT or QSK operation, etc.

   It is generally most convenient to make the CW parameters the same as you have set on Router's CW/WinKey tab.