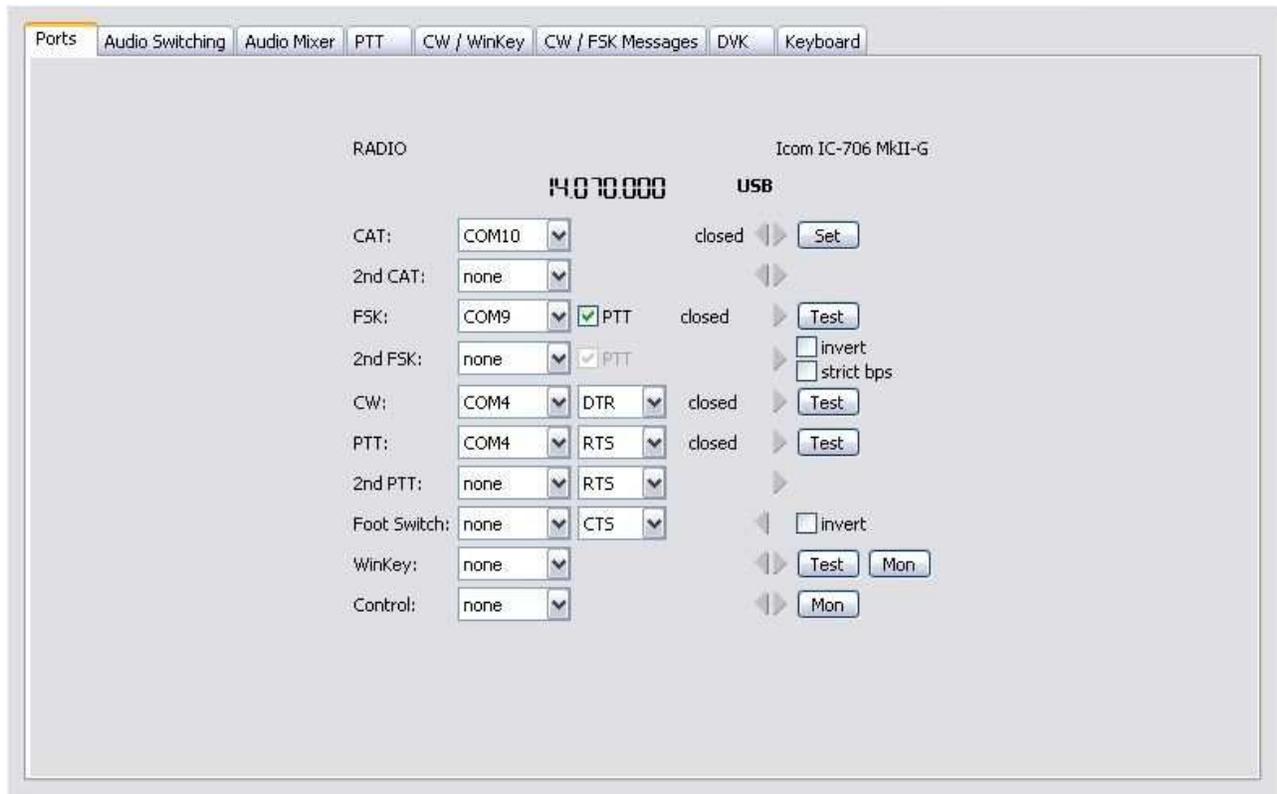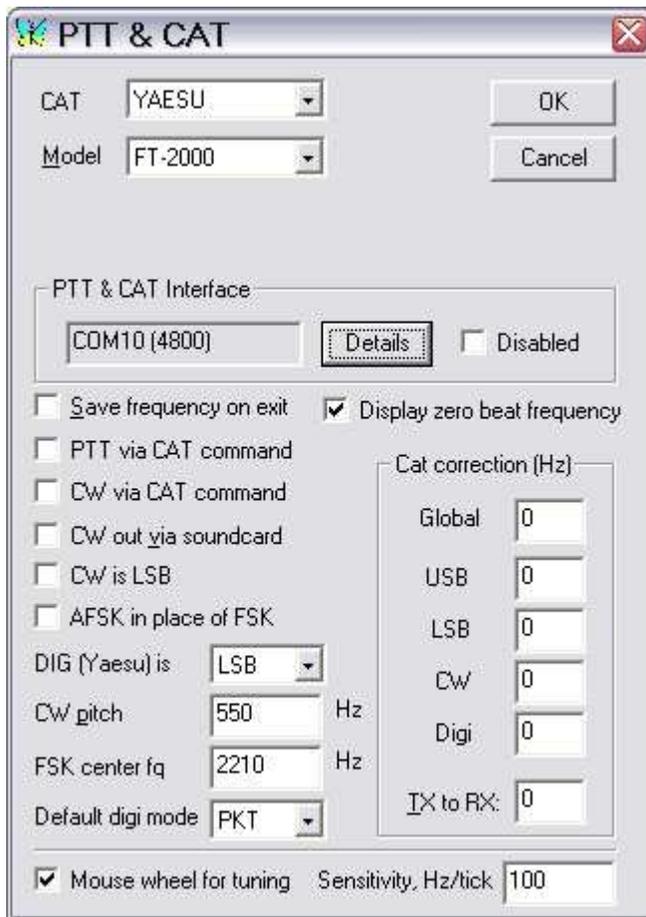# _micro_KEYER and MixW Setup

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 your radio from the drop down box. Uncheck the **Disable router queries** box.

2. Assign a port for FSK. If your radio does not support FSK, assign a port for PTT.

3. Assign a port for CW and PTT (Recent versions of MixW do not support WinKey properly)
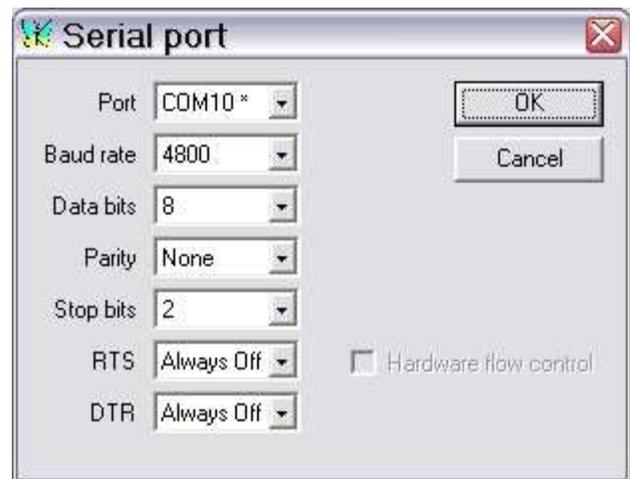

4. On the **PTT tab** select **PTT1** for VOICE, **PTT1 or QSK** for CW and **PTT2** for FSK/DIGITAL. Check PA PTT if microKEYER will be controlling an amplifier PTT line.

5. Configure your own default settings for WinKey on the CW/Winkey tab. WinKey can still be used for paddle input.

6. Save settings to a preset by selecting menu **Preset | Save as.** Choose a position and name it MixW.
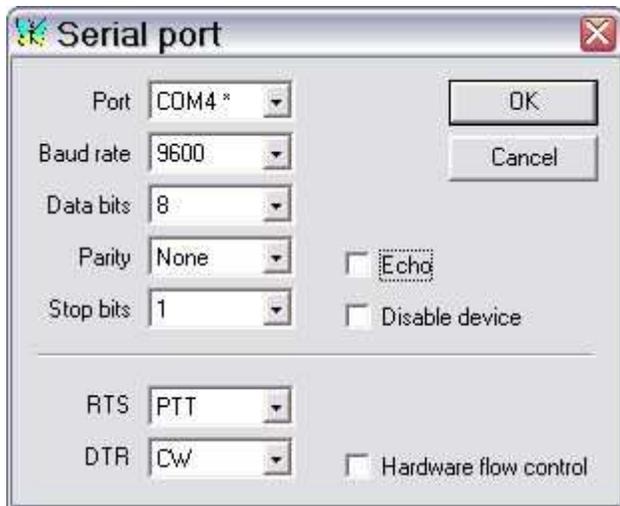
MixW setup:

1. Click **Configure| TRCVR CAT/PTT**

2. Select your radio and configure the radio specific mode settings.

3. Click on the **Details** button and select the same virtual serial port you assigned for Control on Router's Ports tab.

4. Set the Baud rate, Data bits, Parity, Stop bits to match your transceiver requirements.

5. Click **Configure| FSK Port | Port Settings** (if your radio does not support FSK, click Configure | Secondary PTT Port instead).

6. Select the same virtual port you specified for FSK (or PTT) on Router's Ports Tab

7. Select RTS for PTT

8. Click **Configure| Secondary PTT Port**

9. Select the same virtual port you specified for CW and PTT on Router's Ports Tab