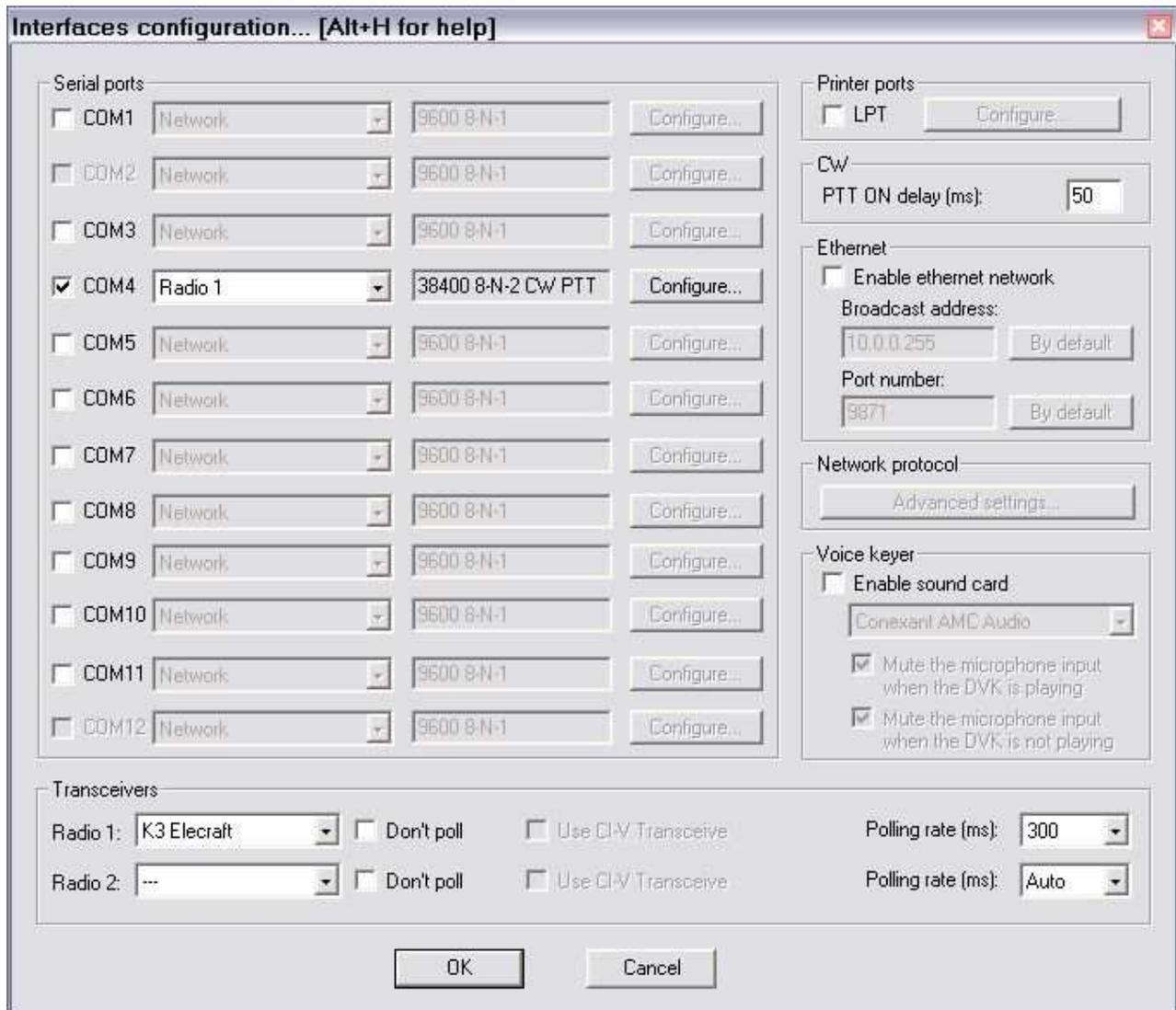# DigiKeyer and Win-Test Setup

Router setup:

1. Assign one virtual port for CAT, CW and PTT.

2. Assign a port for FSK.   If you will not be doing FSK RTTY (using MMTTY) you can leave the FSK port unassigned.
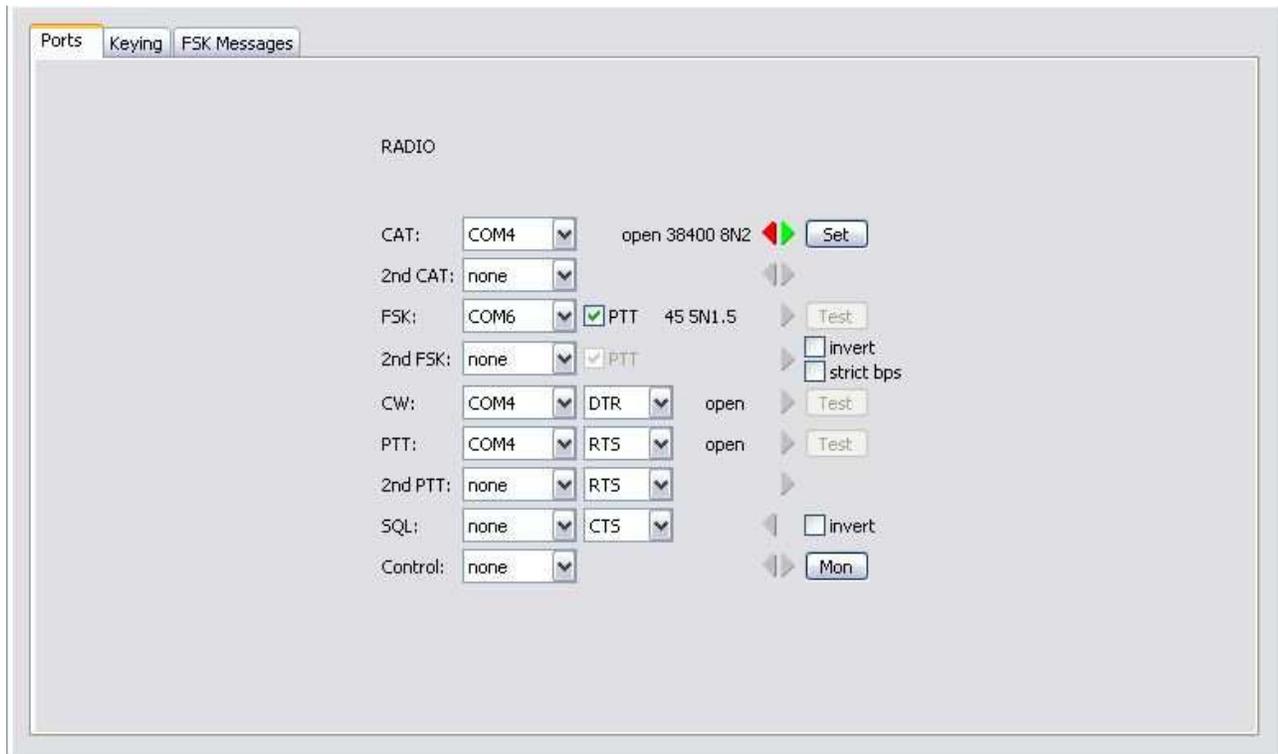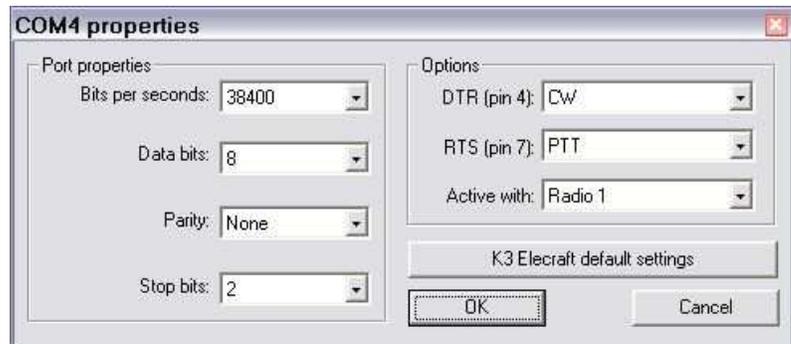

3. Serial Port PTT on the Keying tab should be set to PTT and PA PTT/LNA PTT checked as appropriate for your equipment configuration.

4. Save your settings to a preset by selecting menu **Preset | Save as.** Choose a position and name it Win-Test.

Win-Test setup:

1. Click **Options | Configure Interfaces ....**

Interfaces configuration... [Alt+H for help]

Serial ports

☐ COM1	Network ▼	9600 8-N-1	Configure...
☐ COM2	Network ▼	9600 8-N-1	Configure...
☐ COM3	Network ▼	9600 8-N-1	Configure...
☑ COM4	Radio 1 ▼	38400 8-N-2 CW PTT	Configure...
☐ COM5	Network ▼	9600 8-N-1	Configure...
☐ COM6	Network ▼	9600 8-N-1	Configure...
☐ COM7	Network ▼	9600 8-N-1	Configure...
☐ COM8	Network ▼	9600 8-N-1	Configure...
☐ COM9	Network ▼	9600 8-N-1	Configure...
☐ COM10	Network ▼	9600 8-N-1	Configure...
☐ COM11	Network ▼	9600 8-N-1	Configure...
☐ COM12	Network ▼	9600 8-N-1	Configure...

Printer ports
☐ LPT   Configure...

CW
PTT ON delay (ms):   50

Ethernet
☐ Enable ethernet network
Broadcast address:
10.0.0.255   By default
Port number:
9871   By default

Network protocol
Advanced settings...

Voice keyer
☐ Enable sound card
Conexant AMC Audio ▼
☑ Mute the microphone input when the DVK is playing
☑ Mute the microphone input when the DVK is not playing

Transceivers

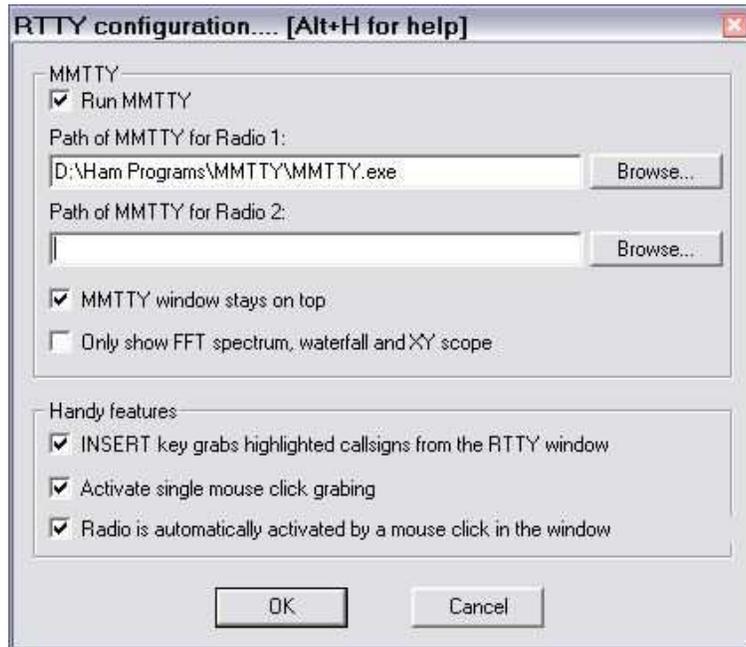|					
Radio 1:	K3 Elecraft ▼	☐ Don't poll	☐ Use CI-V Transceive	Polling rate (ms):	300 ▼
Radio 2:	--- ▼	☐ Don't poll	☐ Use CI-V Transceive	Polling rate (ms):	Auto ▼

OK   Cancel

2. Check the port you chose for CAT, CW and PTT.

3. Set the interface to Radio 1.

4. Click "Configure" and set the port properties for your transceiver.

5. Set DTR to CW and RTS to PTT.

COM4 properties

Port properties
Bits per seconds: 38400 ▼
Data bits: 8 ▼
Parity: None ▼
Stop bits: 2 ▼

Options
DTR (pin 4): CW ▼
RTS (pin 7): PTT ▼
Active with: Radio 1 ▼

K3 Elecraft default settings

OK   Cancel

RTTY/Digital setup:

FSK operation with DigiKeyer and Win-Test requires the use of MMTTY.

1. Install MMTTY on your computer.

2. Select **Options | RTTY Configuration**

3. Check "Run MMTTY"

4. Enter the path to MMTTY

5. Make any other selections based on your operating preferences but do not check "Only show FFT spectrum, waterfall and XY scope" at this time.

6. Start/open a RTTY contest so that MMTTY us running.

7. Select **Option (O) | Setup (O)** on the MMTTY Spectrum/waterfall window.

8. Select the TX tab

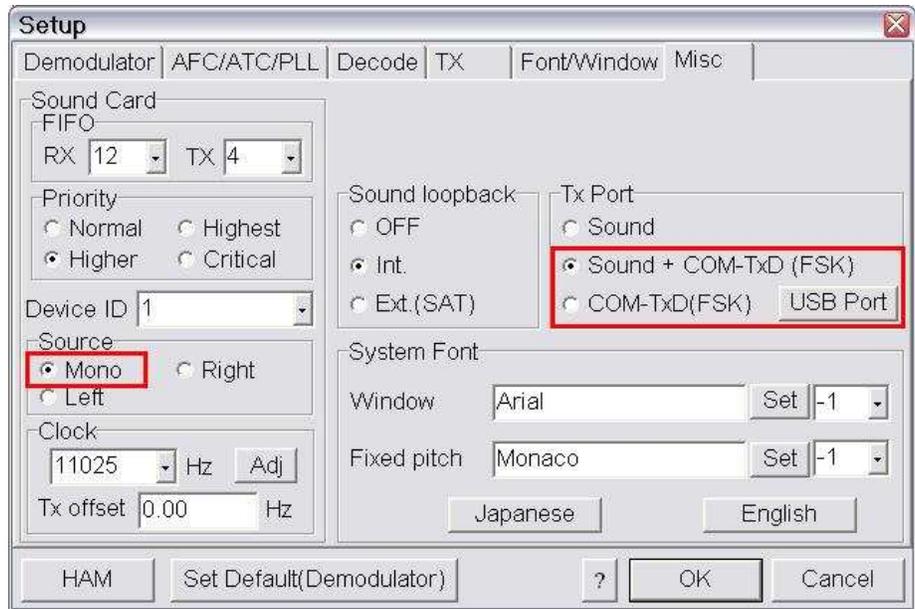9. Set the PTT & FSK Port to the Port you selected for FSK in Router
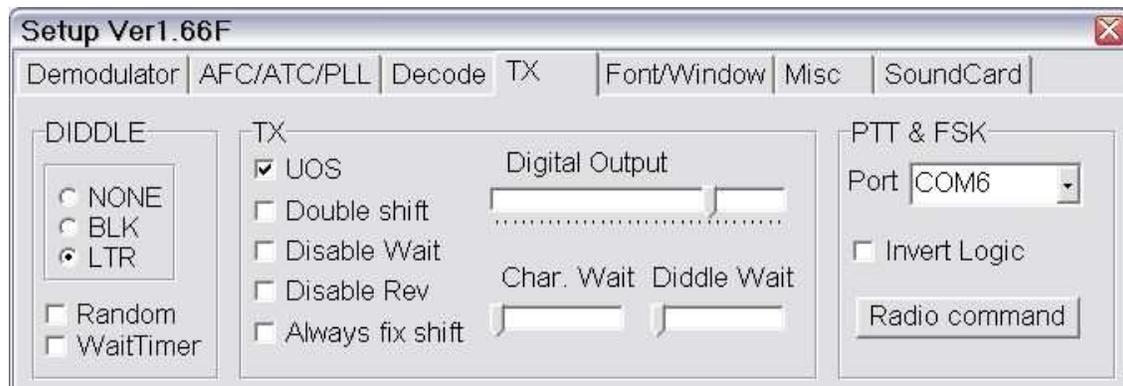
10. Select the Misc tab.

11. Select **Source Mono**

12. Select clock **11025**

13. Select proper Sound card **Device ID** number.

    To obtain the proper ID, click **Get ID** button on Router's **Keying** tab.

14. Select COM-TxD (FSK) for the TX Port.

    If you want the option to switch between AFSK and FSK, select Sound + COM-TxD (FSK)

15. Click the USB Port button

16. Select "C: Limiting speed"

17. Click "OK"