DigiKeyer II and Win-Test

Router setup:

Note: The absolute port numbers are not important. The key is consistency - the same port number must be used for a given function every time.

1. Assign one virtual port for CAT and PTT.

2. Assign a virtual port for WinKey.

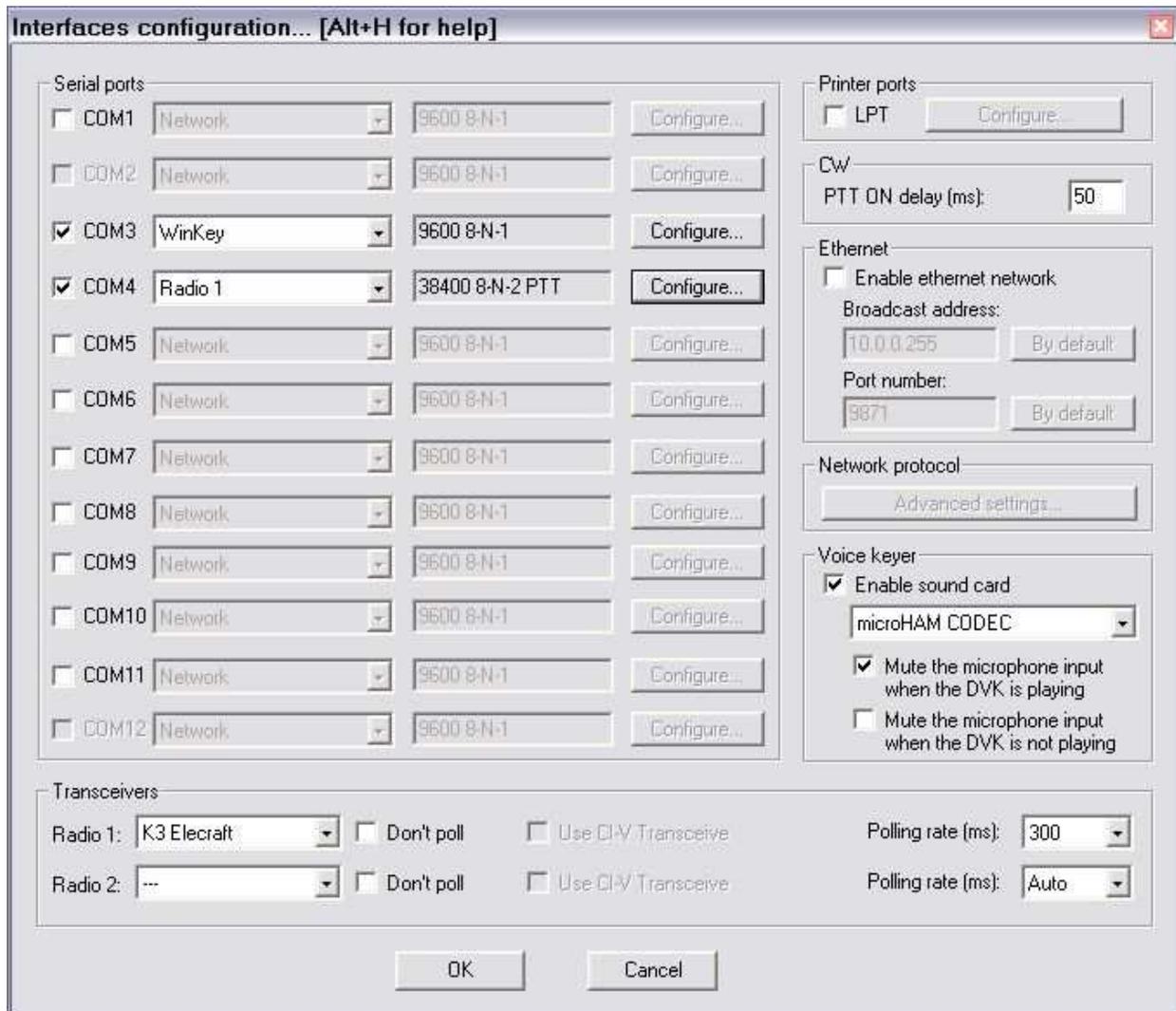3. Assign a port for FSK.   If you will not be doing FSK RTTY (using MMTTY) you can leave the FSK port unassigned.
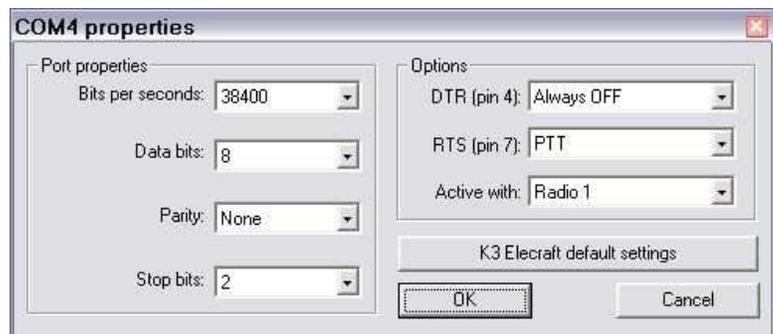

4. PTT Selector on the Keying tab should be set to your preference of PTT or QSK.

5. PA PTT/LNA PTT checked as appropriate for your equipment configuration.

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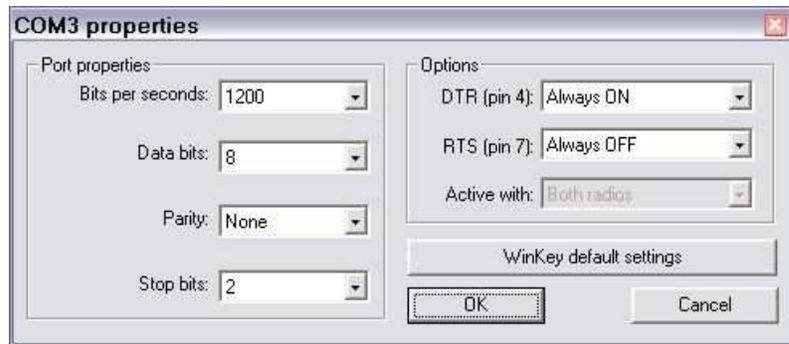
Win-Test setup:

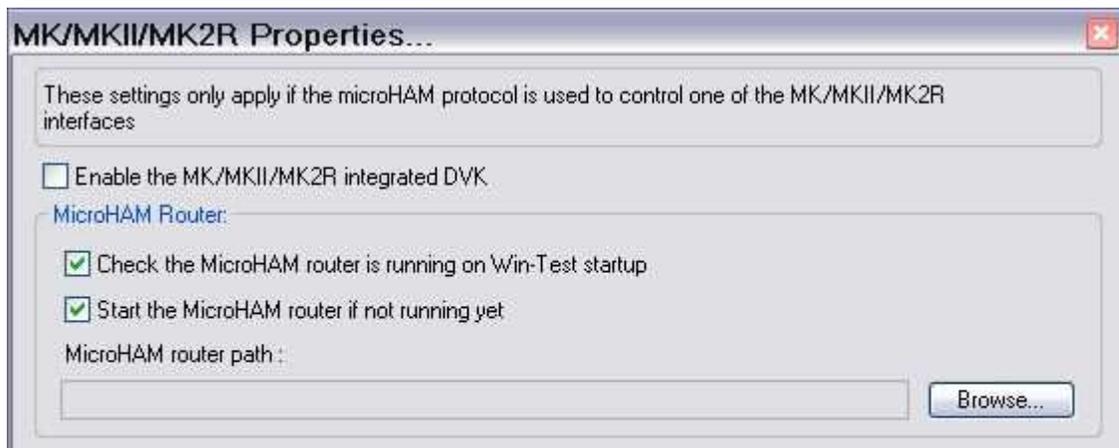1. Click **Options | Configure Interfaces ....**

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

3. Set the interface to Radio 1.

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

5. Set DTR to Always Off and set RTS to PTT.

6. Check the port you set for WinKey and set the interface to WinKey

7. Click "configure" and set the port properties to 1200, 8N2.

8. Set Options to:
   DTR= Always On
   RTS = Always Off

COM3 properties

Port properties
Bits per seconds: 1200
Data bits: 8
Parity: None
Stop bits: 2

Options
DTR (pin 4): Always ON
RTS (pin 7): Always OFF
Active with: Both radios

WinKey default settings

OK   Cancel

9. Click **Options | MK/MK II/MK2R configuration ....**

MK/MKII/MK2R Properties...

These settings only apply if the microHAM protocol is used to control one of the MK/MKII/MK2R interfaces

☐ Enable the MK/MKII/MK2R integrated DVK

MicroHAM Router:

☑ Check the MicroHAM router is running on Win-Test startup

☑ Start the MicroHAM router if not running yet

MicroHAM router path :

Browse...

10. **Do not** select **Enable the MK/MK II/MK2R integrated DVK.** DigiKeyer II does not support voice operation.

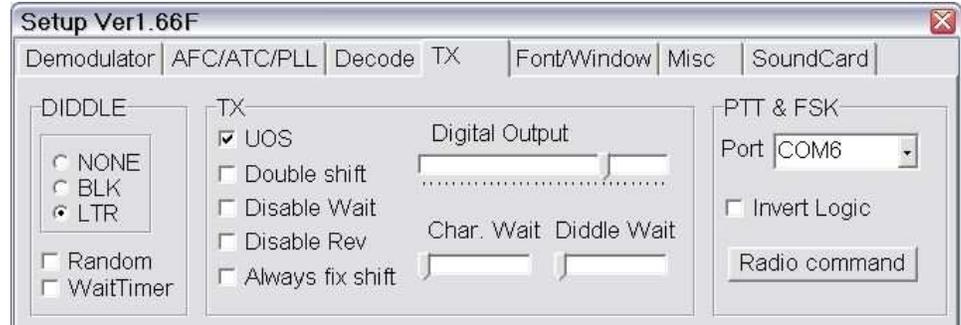11. Check the boxes for Router if you want Win-Test to start Router when it starts

RTTY/Digital setup:

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

MMTTY
☑ Run MMTTY
Path of MMTTY for Radio 1:
D:\Ham Programs\MMTTY\MMTTY.exe   Browse...
Path of MMTTY for Radio 2:
Browse...
☑ MMTTY window stays on top
☐ Only show FFT spectrum, waterfall and XY scope

Handy features
☑ INSERT key grabs highlighted callsigns from the RTTY window
☑ Activate single mouse click grabing
☑ Radio is automatically activated by a mouse click in the window

OK   Cancel

FSK operation with DigiKeyer II 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
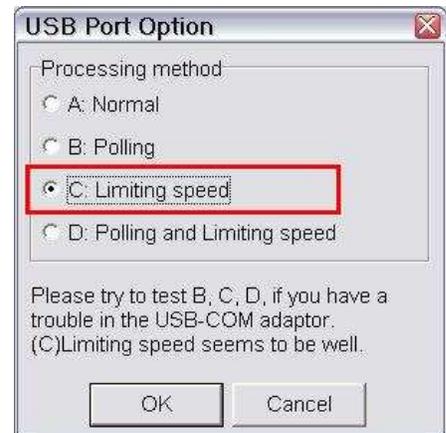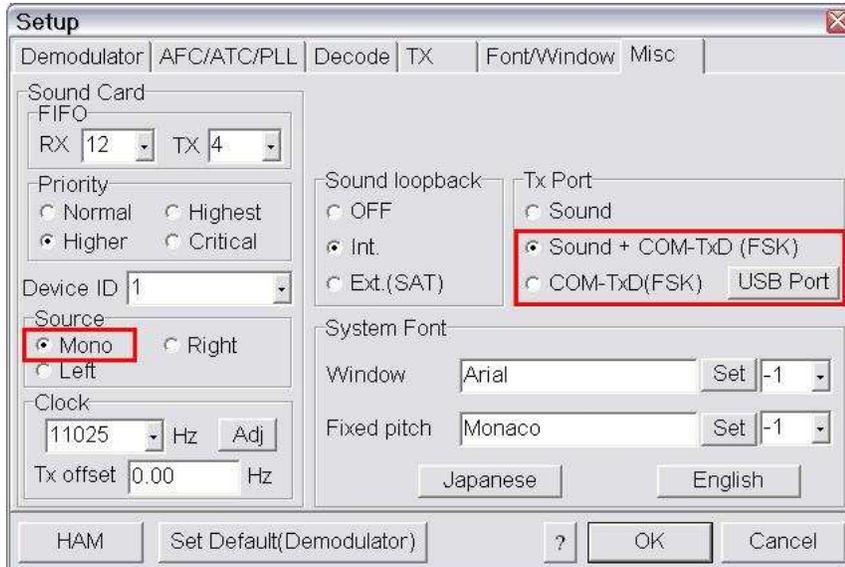
10. Select the Misc tab.
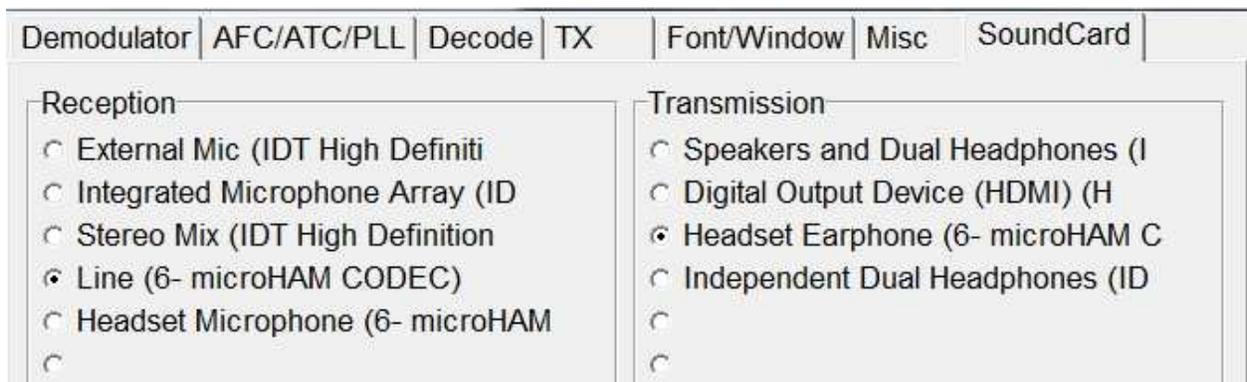

11. Select **Source Mono**

12. Select clock **11025**

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

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

14. Click the USB Port button

15. Select "C: Limiting speed"

16. Click "OK"

17. Select the "SoundCard" tab.

18. Set Reception to Line (microHAM CODEC) and set Transmission to "Headset Earphone (microHAM CODEC)."