DigiKeyer and DX4Win setup

Router setup:

1. Assign the radio control virtual COM port.

2. Assign a port for PTT and CW.

3. Assign a port for FSK and check the PTT box. If your radio does not support FSK or you will be using AFSK, you can skip this step.
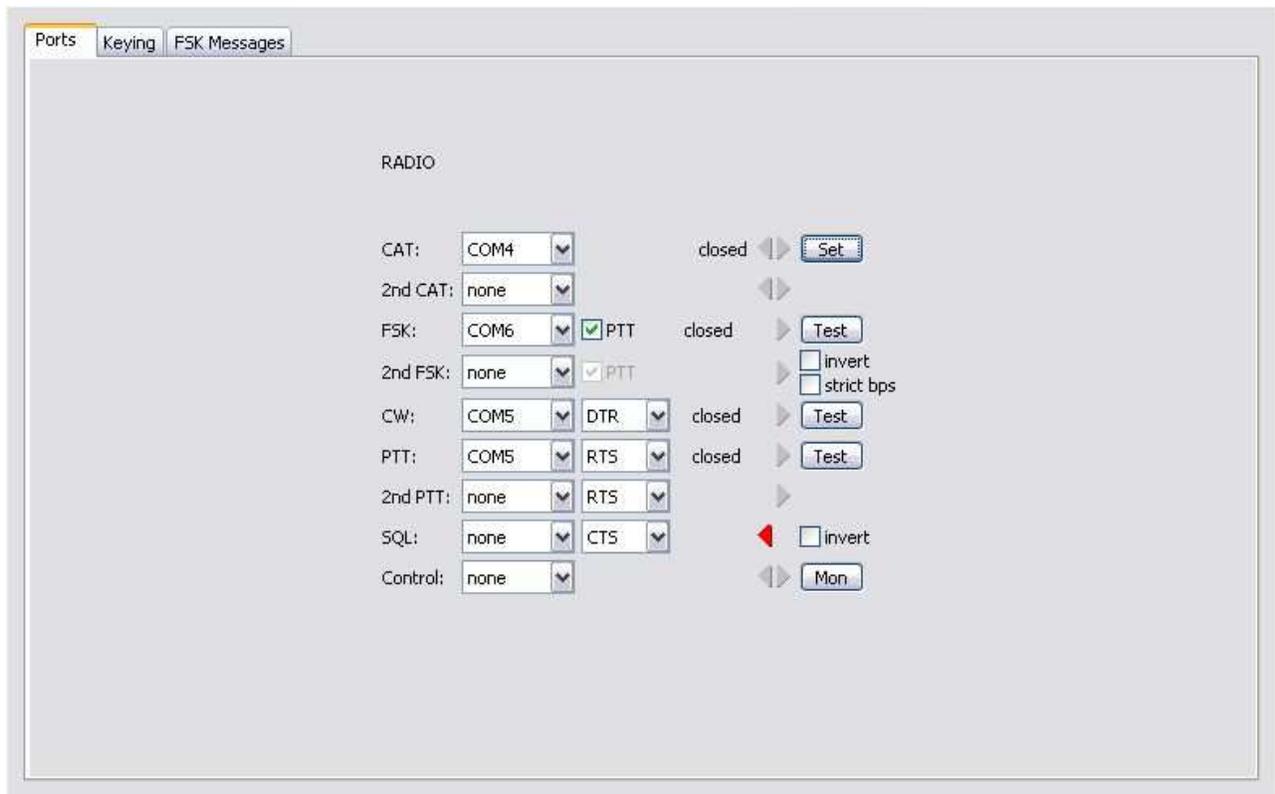
4. Save the settings to a preset by selecting **Preset | Save as.** Choose a position and name it DX4Win.
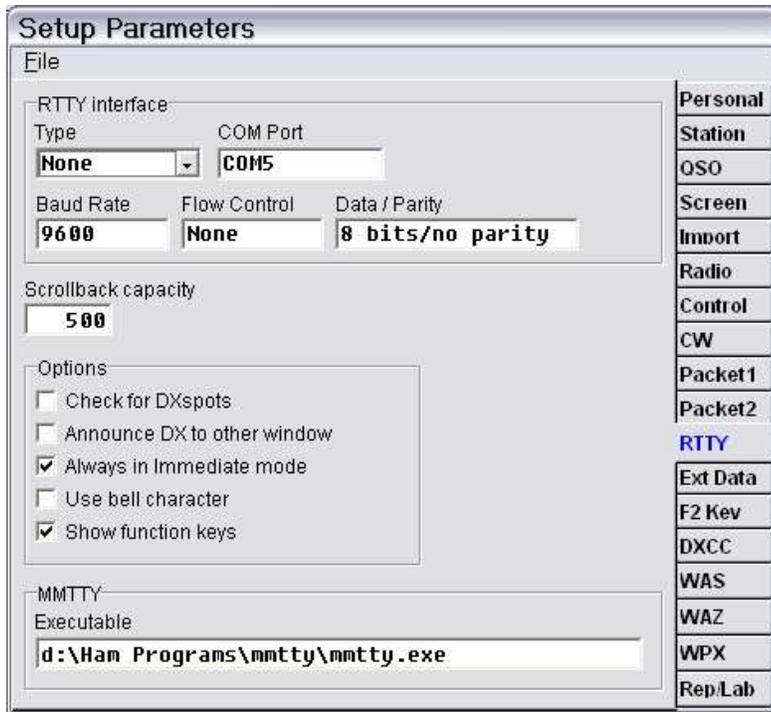
DX4Win setup:

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 **DX4WIN** as the CW Device type

7. Set the virtual port you chose for CW and PTT on Router's Ports tab for the Interface.

8. Set DTR line to CW Keying.

9. Set RTS line to PTT control.

Setup Parameters

File

RTTY interface

Type: None

COM Port: COM5

Baud Rate: 9600

Flow Control: None

Data / Parity: 8 bits/no parity

Scrollback capacity: 500

Options
- ☐ Check for DXspots
- ☐ Announce DX to other window
- ☑ Always in Immediate mode
- ☐ Use bell character
- ☑ Show function keys

MMTTY

Executable: d:\Ham Programs\mmtty\mmtty.exe

Right-side tabs: Personal, Station, QSO, Screen, Import, Radio, Control, CW, Packet1, Packet2, **RTTY**, Ext Data, F2 Key, DXCC, WAS, WAZ, WPX, Rep/Lab
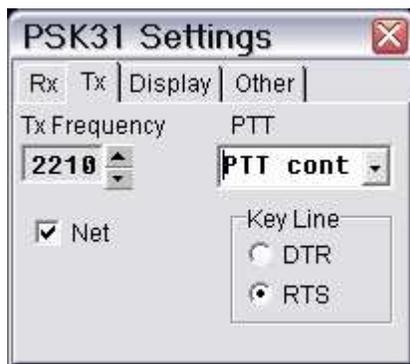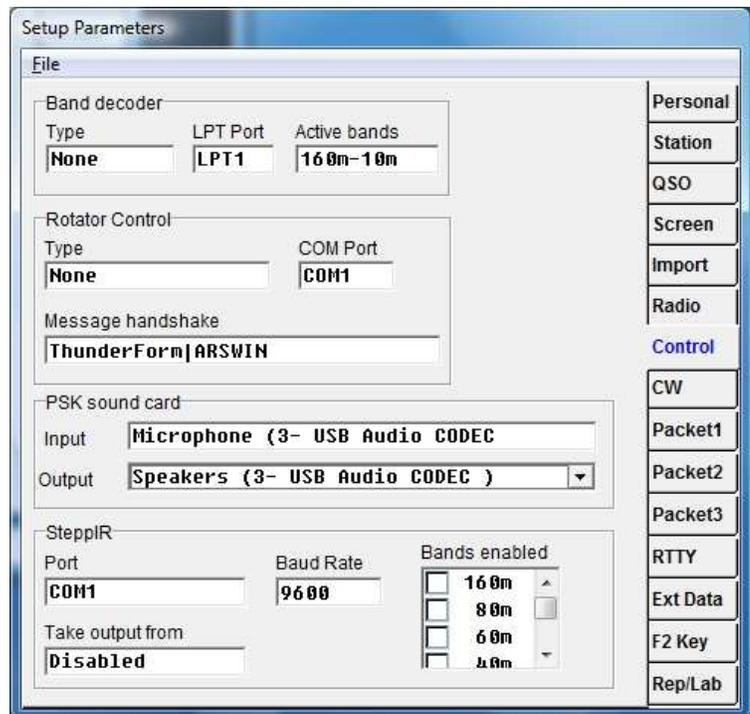
10. Select the RTTY page.

11. Enter the path to the MMTTY Executable file.

12. Select the Control page.

13. Select the **PSK sound card.**

For DigiKeyer, set the Input to "Microphone (USB Audio CODEC)" and set the Output to "Speakers (USB Audio CODEC)"

Setup Parameters

File

Band decoder

Type: None

LPT Port: LPT1

Active bands: 160m-10m

Rotator Control

Type: None

COM Port: COM1

Message handshake: ThunderForm|ARSWIN

PSK sound card

Input: Microphone (3- USB Audio CODEC

Output: Speakers (3- USB Audio CODEC)

SteppIR

Port: COM1

Baud Rate: 9600

Take output from: Disabled

Bands enabled:
- ☐ 160m
- ☐ 80m
- ☐ 60m
- ☐ 40m

Right-side tabs: Personal, Station, QSO, Screen, Import, Radio, Control, CW, Packet1, Packet2, Packet3, RTTY, Ext Data, F2 Key, Rep/Lab

PSK31 Settings

Rx | Tx | Display | Other

Tx Frequency: 2210

PTT: PTT cont

☑ Net

Key Line
- ☐ DTR
- ☑ RTS

14. Open the PSK31 window (ALT-3)

15. Open the PSK31 settings (ALT-S)

16. Select the TX tab and set PTT to "PTT control"

MMTTY setup:

If you plan to operate FSK with the MMTTY window you will need to first configure MMTTY in stand-alone mode.
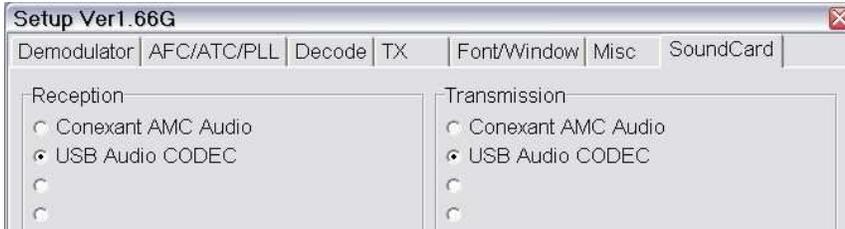

1. Open MMTTY from the Start menu.

2. Select the "SoundCard" tab.

3. Select USB Audio CODEC for Transmission and Reception.

4. Select the TX tab

5. Set PTT & FSK to the port used for Router's FSK port.

6. Select the Misc Tab
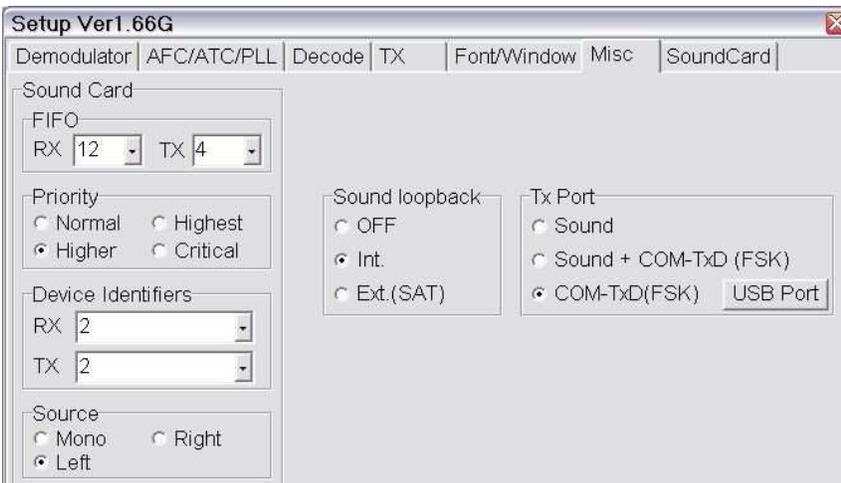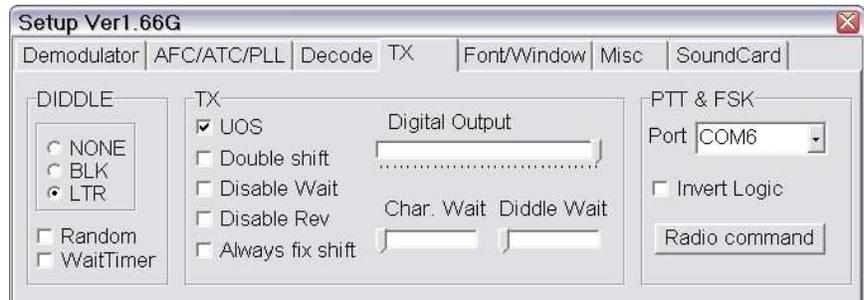
7. Select **Source = Left**

8. Set Tx Port to COM-TxD(FSK)

9. Click **USB port** button, choose **C: Limiting speed** and click OK

10. Click "OK" on the Misc tab to close the MMTTY Set-up for Radio 1

11. Start DX4Win and open the MMTTY Window
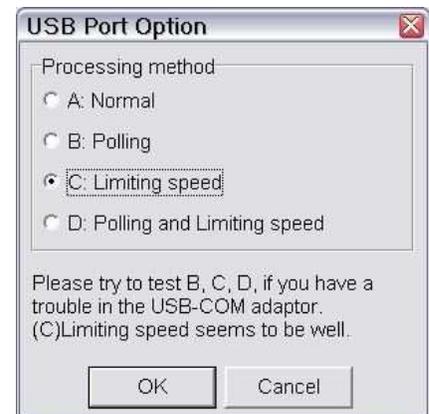
12. Open the MMTTY Window Keying Settings (ALT-S)

13. Select "PTT control" and RTS