Check list for Fldigi

1.   Before starting Fldigi, make sure the CAT cable, Audio Cable and/or USB port cables are connected to the computer and the computer is powered up.If you are using RigCat or flrig, you will need the XML description file for your radio.

2. Start Fldigi.

3. Go into the Computer Control Panel and find the Device Manager.   Once in the Device Manager, under the Audio inputs and outputs verify the sound card device you are using is present.   Next go to Ports(COM & LPT) and find the com port number of the USB device you are using. If you are using the CAT or an USB serial port, you will need to know the port number.   Close down the Control Panel.

4. In Fldigi go to CONFIG and select Sound Card. In the Capture box, select the sound card device which will be the microphone input for the computer, Then in the Playback box, select the device which will be the speaker out from the computer.

5. In Fldigi select the Rig tab. There are the three following configurations to use under most situation:

    a) Using a USB cable to control the PTT with no Rig control
        i.   Check "Use separate serailportPTT"
        ii. Check "Use RTS"
        iii. Exit the Fldigi Configuration

    b) Using the CAT cable and Fldigi but not Flrig
        i.   Select the RigCat tab
        ii. Select your rig type using the "Rig description files" box and select Open
        iii. In the "Device" box, select comport number of your USB cable.
        iv. In the "Baud Rate" box. Select the baud rate which matches the setting in your radio.
        v.   In the "Stopbit" box, select the number of stopbits either 1 or 2. This has to match the radio settings.
        vi. Check "RTS/CTS flow control"
        vii. Check "Restore USRT Settings on close"

viii. Check "CAT command for PTT"

ix. Check "Use RigCat"

x. Exit the Fldigi configuration.

c) Using flrig to control the radio and Fldigi

i. Check "Enable flrig xcvr control with fldigi as client"

ii. In the "Port" box type 12345

iii. Exit the Fldig configuration.

iv. Open flrig

v. Select Config tab and then click on Setup and select Tranceiver

vi. Go to the "Rig" Box and select your radio type.

vii. In the "Ser Port" box, select the com port number for the CAT cable.

viii. In the "Baud" box select the Baud rate which matches the Baud rate of the radio.

ix. Check "PTT vai CAT"

x. Now click on "init" and wait until flrig completes it's initialization.

xi. Click on the "TCPIP" tab then in the "TCPIP port" type 12345.

xii. Close the flrig Configuration panel.

xiii. Both the flrig and Fldigi panel and radio should display the same frequency and modes as the radio. If you change the fldidg or flrig or radio frequency settings all of the displays should change to match.   Flrig can also control other features on the radio such as volume or RF Gain.

Note: The USB port usage is stored by the operating system. If you plug a com port into a different USB connector on the computer from the initial connection the com port number will change.   Example if you plug in USB connector "A" of the computer and setup Fldigi on that com port then later move it to USB connector "B", the com port number for that cable will be changed.