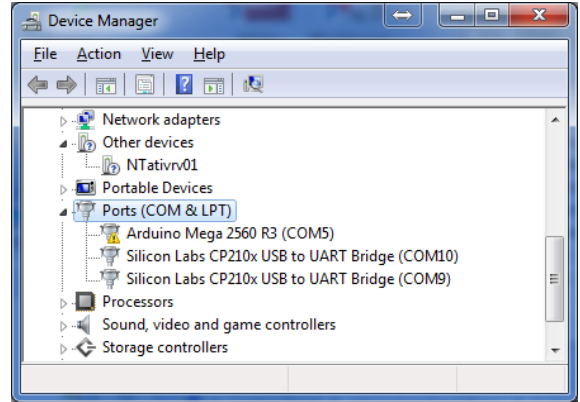


# FLDIGI and Icom IC-7100 Setup

## Download USB Drivers

- The latest drivers can always be downloaded from [here](#). Look for IC-7100 > USB Driver Utility
- Read the [USB Driver Installation Guide](#)
- I really do recommend reading the installation instructions.
- [USB Driver Software](#), v1.20, 2013/08/01
- Run the USB Driver installation package **before** connecting the USB cable for the first time.
- Unzip USB Driver ZIP first, or the installation will fail.
- Restart the PC.
- Connect the USB cable, then power on the IC-7100.
- Start the Device Manager > Ports (COM & LPT)
- Make note of driver name "Silicon Labs CP210x USB to UART Bridge"
- Make note of your port numbers (**COM4** and **COM5**).



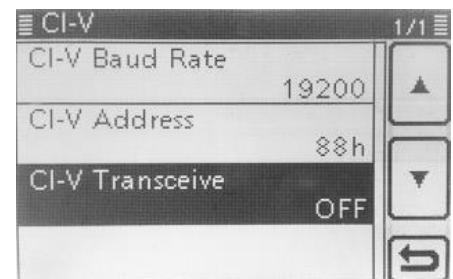
## Download Fldigi Software

- Download Fldigi (3.23.00 or latest) and Flrig (v1.3.22 or latest) from [www.w1hkj.com](http://www.w1hkj.com)
- Download the [rigCAT xml file for the IC-7100](#)
- Copy "IC-7100.xml" to the Flrig folder (c:\Program Files(x86)\Frig or may be in c:/users/yourusername/flrig.files)
- Join the [win-fldigi support group](#)

## Configure IC-7100

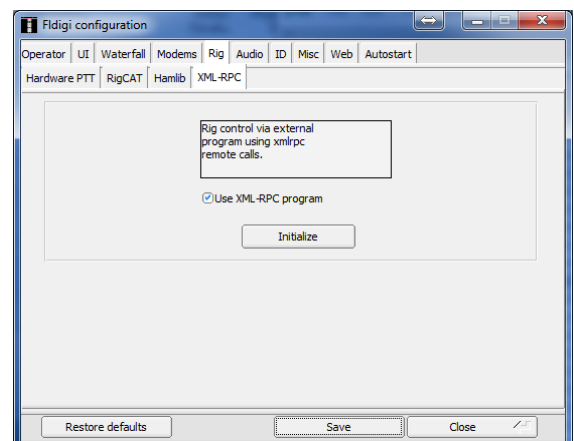
*Hint:* Set > Connectors > CI-V

- CI-V Baud Rate = 19200
- CI-V Address = 88h
- CI-V Transceive = Off
- Mode = USB-D for HF, FM-D for VHF/UHF
- Data on Mod = USB
- Data Mod = USB
- USB Mod Level = some suitable value, say 30%



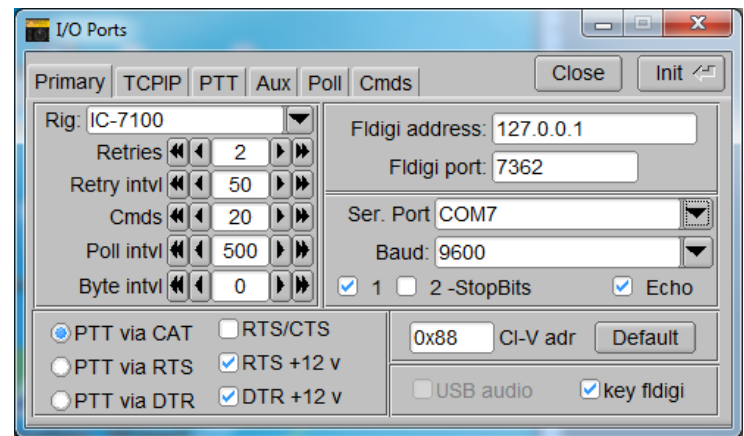
## Configure Fldigi

- Note that COM ports cannot be shared between programs. Do not try using flrig and rigcat concurrently.
- Run Fldigi
- Configure station info: Configure > Operator
- Configure interface: Configure > Rig Control. Click Initialize, Save, Close.
- Turn off RigCAT and Hamlib -- instead, RPC will communicate internally to Flrig which provides CAT control.



## Configure Flrig

- Hint: Config > Xcvr select
- Rig = IC-7100
- COM Port = COM4 or whatever was assigned on your PC
- Baud = 9600
- Click Init, Close
- See screen shots of working configuration



## Run Programs

- Exit both programs
- Start Fldigi
- Start Flrig
- It should connect to both the transceiver and fldigi.
- Fldigi's waterfall should display what is heard.
- Flrig's frequency readout should track changes in the 7100's tuning knob.

The 7100's frequency display should track changes you make in Flrig's frequency.

