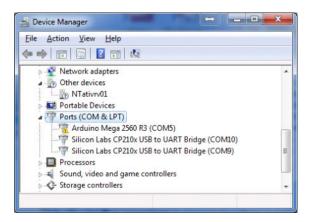
IC7100 FLDIGI CONFIGURATION

Tuesday, November 21, 2017 9:44 AM

Download USB Drivers

- The latest drivers can always be downloaded from <u>here</u>. Look for IC-7100 > USB Driver Utility
- Read the USB Driver Installation Guide
- I really do recommend reading the installation instructions. <u>USB Driver Software</u>, 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).

From <https://www.coilgun.info/hamradio/ic7100-fldigi.htm>



Download Fldigi Software

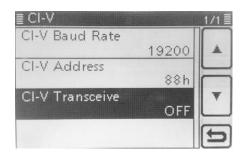
• Download Fldigi (v3.21.77) and Flrig (v1.3.14) from www.w1hkj.com

Configure IC-7100

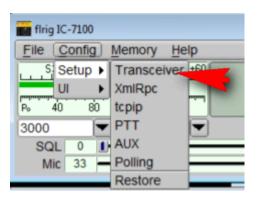
Hint: Set > Connectors > CI-V

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

From <<u>https://www.coilgun.info/hamradio/ic7100-fldigi.htm</u>>



FL RIG CONFIGURATION > CONFIG > TRANCEIVER



flrig IC-7100					
File Config Memory Help					
\$3 \$6 \$9 +20 +40 +60					
Po 40 80 120 160					
3000 🔽 USB 🔽					
SQL 0	IFsh 1				
Mic 33					
1/O Ports					
Xcvr XML TCPIP PTT Aux Poll Send Cmds Restore Close					
Rig: [C-7100	Retries 4 1				
Ser. Port COM3	Retry intvl 4 100				
Baud: 19200	Cmds 4 20 DD				
1 2-StopBits	Poll intvi				
🗹 Echo	Byte intvi				
	0x88 CI-V adr Default				
OPTIVIARIS OFFICIAL	USB audio				
OPTT via DTR DTR +12 v					

FLDIGI CONFIGURATINON > Configure > Rig Control

EQUIPMENT Page 2

fldigi ver3.23.22.16 / IC-7100 - AG7G					
Eile Op Mode	Configure View Log				
14	Colors & Fonts				
Fldigi config	wateria.				
Operator UI	Waterfall controls g				
	Rig control				
	Sound Card it				
Enable	IDs				
	Misc				
firig xmlrpc ser	Autostart				
these controls	IO				
127.0.0	PSM				
	Notifications				
	Contest T				
	QRZ/eQSL				
	N3FJP logs				
	MacLogger				
	Save Config				

RIG > FLRIG > "Enable flrig xcvr control with fldigi as client" > Save

Fldigi configuration				
Operator UI Waterfall Modems Rig A	Audio ID Misc	Web Autostart	IO PSM	
frig RigCAT Hamlib XML-RPC Hardware	e PTT GPIO			
firig is th	e preferred metho	d of tranceiver con	trol	
Enable firing xover control with fidigi as	dient			
firig xmirpc server parameters these controls are mirrored on the IO config	guration tab			
127.0.0.1	Addr	12345 Port	Default	Reconnect
	eys modem if multip connected to a sin OFIrig PTT key	gle firig (server).	gi (dient)	
)(
Restore defaults		Sav	e	Close /

Go to Audio Tab > PortAudio > Enable USB Audio's

FIdigi	configuration		
Operator	UI Waterfall Moden	is Rig Audio ID Misc Web Autostart IO PSM	
Devices	Settings Right channel	Wav	
	⊖oss	Device:	
	PortAudio	Capture: Microphone (3- USB Audio CODEC)	•
		Playback: Speakers (3- USB Audio CODEC)	•
	○PulseAudio	Server string:	
	□File I/O only		
R	estore defaults	Save	Close 🖉

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.

From <<u>https://www.coilgun.info/hamradio/ic7100-fldigi.htm</u>>