

Yaesu FT-991A



FLDIGI Windows Setup

DO NOT connect a USB cable from your computer to the FT-991 until you load the drivers listed below.

Download the [FT-991A/ SCU-17 USB Driver \(Virtual COM Port Driver\)](#) from the [manufacturer's website](#) and follow the directions to install it on your computer. This will install 2 new COM ports. One is labeled **ENHANCED** COM port, and the other is **STANDARD** COM port. After you have installed the drivers, you can connect a USB cable from the PC to the radio.

With the radio still **connected** you can check that these COM ports were installed on your computer by going to **Device Manager**. Click the arrow next to the **"Ports (COM & LTP)"** Menu. You should see two newly added ports:

[Silicon Labs Dual CP210x USB to UART Bridge: Enhanced COM Port \(COM 4*\)](#)
[Silicon Labs Dual CP210x USB to UART Bridge: Standard COM Port \(COM 5*\)](#)
(*or a different number) (Make a note of which COM port is which)

Once the ports are installed, The following menu items need to be changed from their default values in the radio.

- Press the Menu/Setup button.
- Scroll through the menus using the multi-purpose knob.
- Use the touch screen to select a menu Item.
- Turn the multi-purpose knob to adjust the settings.
- Use the touch screen to save the selection.

031 CAT RATE **38400** (*This is the baud rate between the radio and modem*)

032 CAT TOT **100ms**

033 CAT RTS **Enable**

062 Data Mode **OTHERS**

064 OTHER DISP (SSB) = **1500 Hz**

065 OTHER SHIFT (SSB) = **1500 Hz**

066 DATA LCUT FREQ = **OFF**

068 DATA HCUT FREQ = **OFF**

070 DATA IN SELECT = **REAR**

071 DATA PTT SELECT = **RTS**

072 DATA PORT SELECT = **USB**

Next, Download **fldigi**, **flmsg** and **flamp** from the W1HKJ website at <http://www.w1hkj.com/>. (Choose the correct install for your operating system. For Windows choose the .exe files). Install each program by right clicking the file and running as Administrator.

Open FLDIGI

- Click on Configure, then configure dialog in the menu bar. Select Misc, then Operator-Station. Fill in your info.
- Open <https://www.wv8hat.org/DM.html> in your browser. Right click the file **FT991A.xml** and select "Save Link As...". Save the file in your documents folder.
- In FLDIGI, click on Configure, then configure dialog in the menu bar. Select Rig Control, then CAT (rigcat).
- Check the Use RigCAT box.
- Under Rig description file, click the box labeled "Open...". Browse to Documents and select the FT991A.xml file you just saved.
- Click the Down Arrow next to "Device:" and select the "Enhanced" COM port.
- Check only the following boxes: RTS/CTS flow control, Restore UART Settings on Close, CAT Command for PTT.
- Click the "Initialize" button. Then , click the "Save" button.
- Select Soundcard, then Devices.
- Check the box next to PortAudio.
- Select the Windows DirectSound Devices that have "USB Audio Codec" in the label for both the Capture and Playback. All other boxes should NOT be checked.
- Click the Save button. Then Click the Close Button.

You are now ready to start using FLDIGI.