

Icom IC-7300 Setting

These are my setting I used.

Press **Menu**, on page 1 go into “Set”

Click on “**Connectors**”

On page 3/4 click on “**CI-V**”

I set the baud rate to “**Auto**” and if the programs use a different baud rate, it should adjust the baud rate automatically.

Having the 7300 mk1, it does not have virtual ports built in like the mk2, so I added a USB to CI-V 3.5mm cable which overcame the problem on running two programs at the same time. (One in the CI-V 3.5mm jack and the other in the USB B socket)

you just need to know which cable uses which com port, so to set it in the program.

Your com port can be different to mine, but on mine the USB B on the 7300 is set to com3 and the CI-V is set on com10

Finding your Com Ports

If you are not sure of your com ports then go to your computers control panel and open the “**Device Manager**” and look for “**Ports (COM & LPT)**” and click on the “>” to expand. Here you should see a list of all of your com ports. Unplug the USB cable and you will see the ports change, plug the cable back in and you will see the port re-appear, that will be your com port number for that cable.

WSJT-X Program

Open the program, go to “**File**” and scroll down to “**Setting**”

On the tabs at to top click on “**Radio**” and select the serial port.

For my set-up I used the CI-V cable for this program and selected com10.

You would use your com port number listed in your computer’s device manager.

Check the baud rate is set to 19200

All other setting will be the same as you set it up when you installed WSJT-X, but these should be the setting below if you need to check it.

PTT Method set to “Cat”,

Mode set to “Data/Pkt”,

Split Operation set to “Fake It”,

Data Bits set to “Eight”,

Stop Bits set to “Two”

Handshake = “None”

At the bottom right of this menu, click “**OK**” to save the setting.

OpsLog Setting for Icom 7300 mk1

Open the OpsLog program, at the top click on “**Edit**” and come down and click on “**Preferences**”

Scroll down to Hardware Configuration and click on “**CAT Interface**”

You need to tick the box “**Enable CAT**”

(Using the down arrow “ v “ select your setting from a drop down list.)

Backend needs to be set to Icom (CI-V USB)

Icom CI-V Port Change to “Your com port number”, Mine was “**COM3**”
Baud rate set to “**115200**”

Rig model IC-7300 - This will auto populate when you select your radio

Default digital mode – Mine was set to FT8

Before you move on to another menu save your setting each time.

E-mail Setting for eQSL

I did have a problem setting this up and kept coming up with SMTP errors.

This was when I started using either a Gmail or an Outlook account.

I ended up using my domain’s email account which worked first time.

If anyone does figure this out, please let me know and what you did to fix the problem.

please email me rob@zl1rjs.co.nz

Don’t forget to “**Save and Close**” when finished

OPERATION

To operate the programs, I suggest to open in the following order.

(You could open a .bat file to automatically open them)

1. Turn On you Radio
2. Open WSJTX Program
3. Open Grid Tracker Program
4. Open OPsLog program

You MUST open OpsLog last, otherwise you may find Grid Tracker not showing any station data once it has been received from WSJT-X on the screen.

I am still in learn mode with the rest of this program with other features.

The QSL card design is pretty straight forward and easy to do.

PLEASE NOTE: This is my set-up so your setting may vary and be different to mine.

Enjoy...