

# Two Instances of WSJT-X Running Simultaneously with Two Radios Two Antennas

I saw Hams asking about running two instances of WSJT-X in the forums, so I thought I would try it. If you have a couple of radios and a couple of antennas it's not hard to do and is pretty fun. I have done this on and off for a few weeks now and it'll keep a Ham busy. In my station I am running on 20 and 40 meters with the Icom 7610 and Icom 7300. I have a 2 element 20 meter beam and a 40/80 meter inverted vee. They are both attached to the same tower.

## Two Instances of WSJT-X Running Simultaneously

Is it useful? I am sure Hams can find a use for it. I do not think transmitting simultaneously (like in the video below) is acceptable in a digital (FT8) contest (check the rules). This technique should be useful for hunting DX and you can certainly make a lot of contacts quickly.

It is fun, but this operation keeps me busy and is a little tiring after a while. Some Hams may like this high activity.

## Two Instances of WSJT-X Software Setup

There is some instruction on the WSJT-X website.

*How should I configure WSJT-X to run multiple instances?*

Start *WSJT-X* from a command-prompt window, assigning each instance a unique identifier as in the following two-instance example. This procedure will isolate the **Settings** file and the writable file location for each instance of *WSJT-X*.

```
--rig-name=TS2000  
--rig-name=FT847
```

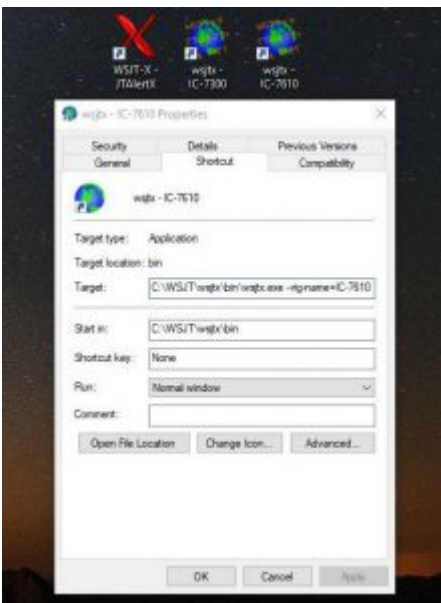
# My Screen Captures



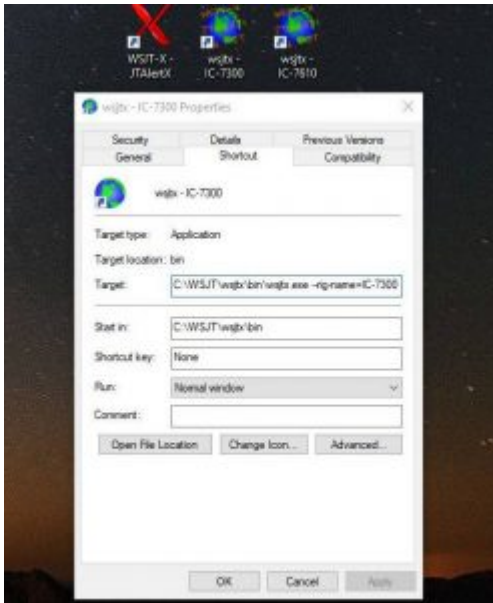
Desktop Icons



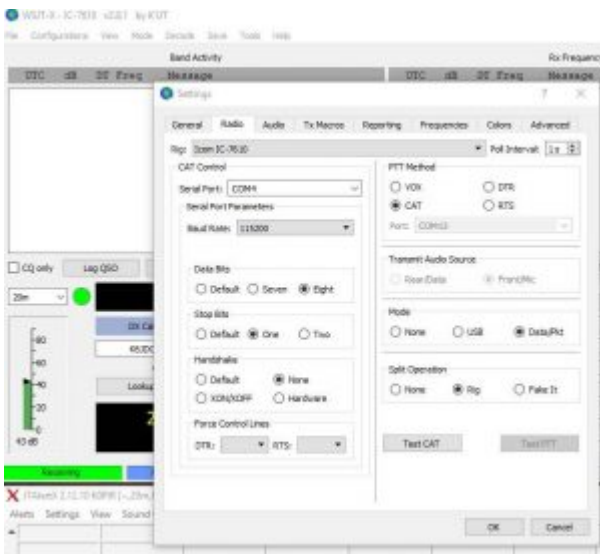
WSJT-X Side by Side



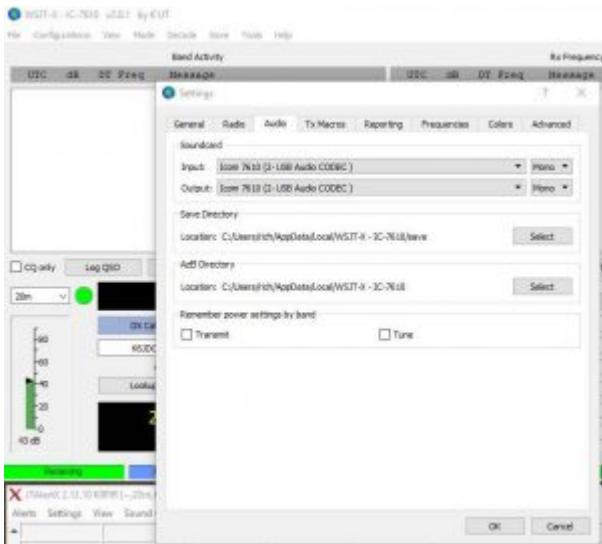
Icom 7610 Shortcut Properties



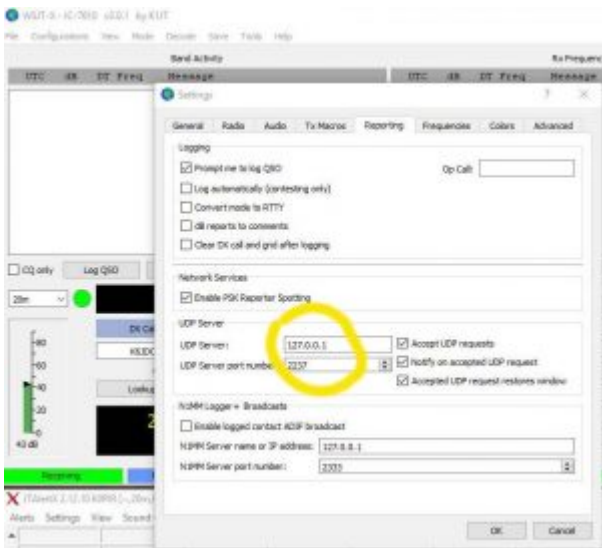
Icom 7300 Shortcut Properties



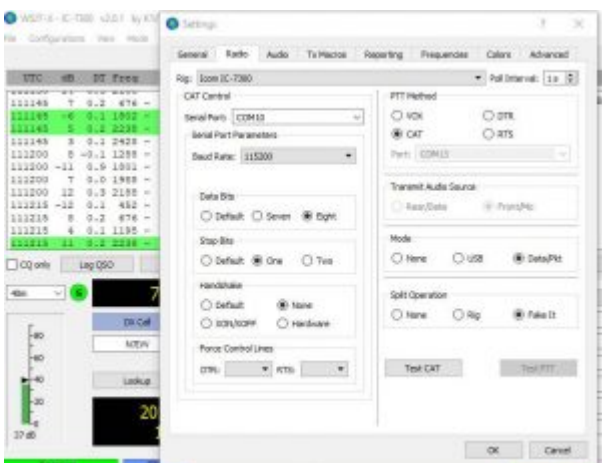
WSJT-X 7610 Radio Tab



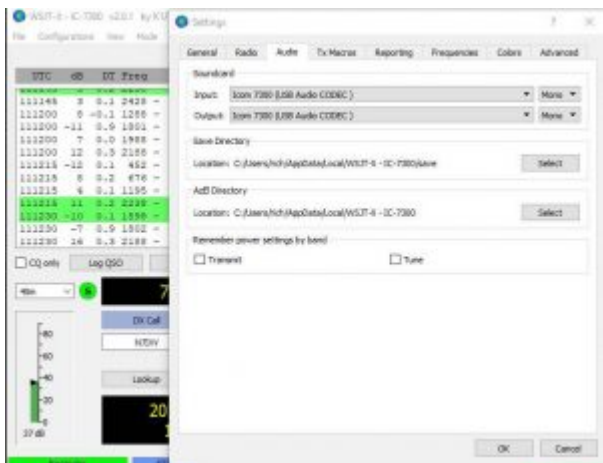
WSJT-X 7610 Audio Tab



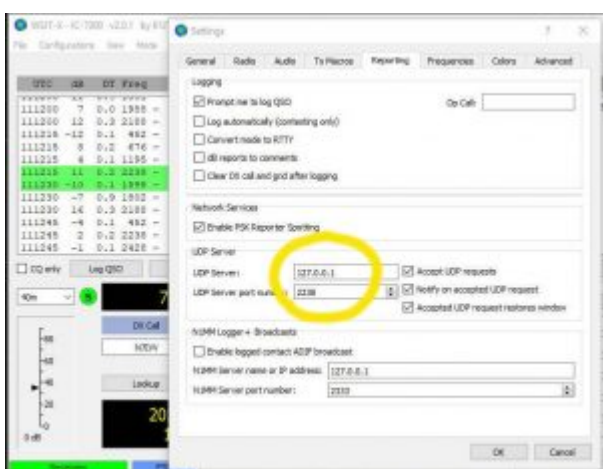
WSJT-X 7610 Reporting Tab



WSJT-X 7300 Radio Tab



WSJT-X 7300 Audio Tab



WSJT-X 7300 Reporting Tab

## WSJT-X JT Alert and Logging

I am running JT Alert, but I did not do anything special with it. In the WSJT-X Reporting tabs you'll see different ports. That's all that is needed.

Start one WSJT-X, then start JT Alert. Start the other WSJT-X, then start another instance of JT Alert. It'll do the rest.

JT Alert is logging to my HRD Logbook. You can set up JT Alert to log to other logbooks.

I am using a USB cable for each radio.

## Videos

In the second video below I am calling CQ and transmitting with both radios at the same time. This is not necessary because I can receive on one radio while transmitting with the other. I don't get much interference. Have a look at the videos and thanks for watching!

## Thank you

**Next up...** DM780 running digital modes.

If you have any questions, please ask them here. I prefer the comment section here or in YouTube over e-mail because your comments and questions will help others as well.

Thank you for subscribing to this website. I appreciate the comments, questions and suggestions. You can follow me on [Twitter](#), [Facebook](#), [Instagram](#) and [YouTube](#) if you have those.

### Sources:

[WSJT-X 2.0 User Guide](#)