

Everything Icom 7300 and 7610

## WSJT-X FT8 and the Icom 7300 the Easy Way!

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 [k0pir.us/icom-7300-wsjt-x-ft8-easy-way/](http://k0pir.us/icom-7300-wsjt-x-ft8-easy-way/)

K0PIR

December 22, 2017

Are you looking for an easy way to try out the new WSJT-X FT8 mode? If you have the Icom 7300 I assure you this cannot get any easier or better. There's no need for an external sound card (Signalink) or any other hardware. The Icom 7300 suffices. The only thing needed is a USB cable (install the driver from Icom before connecting a USB cable) and WSJT-X.

"WSJT-X implements communication protocols or "modes" called FT8, JT4, JT9, JT65, QRA64, ISCAT, MSK144, and WSPR, as well as one called Echo for detecting and measuring your own radio signals reflected from the Moon. These modes were all designed for making reliable, confirmed QSOs under extreme weak-signal conditions." - WSJT Home Page

### Stand Alone Preferred by Many

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Over the past few weeks I have run across Hams who have been using WSJT-X just like this. No integration with any other programs. There is really no need for JTAlert, QSO Relay or any logbook. This is the preferred way to operate for many Hams.

## Super Simple Installation

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I'll put the download link below. This is a safe, small and easy program to get running on your computer. Windows, Linux and Macintosh are supported. Go to the link below, click on it and download the file to your computer. From there it will vary, depending on computer OS, but in Windows just double-click the downloaded file and go through the installation prompts. It is super simple!

**Important:** Use something for time sync. I use NetTime.



## Configuration/Settings

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In WSJT-X there are just a few configuration settings to get the Icom 7300 on the air with FT8.

- In the software, under File and Settings, on the General Tab enter your callsign and grid square.
- On the Radio tab select the Icom 7300 for the Rig. You'll need to know your COM port number.
- On the Audio tab tell WSJT-X what your Soundcard Input and Output are. It's going to be the Icom 7300 USB Audio CODEC for both.

The rest is in the video. There are just a few more things to look at and you'll be on the air.

## Icom 7300 Internal Settings

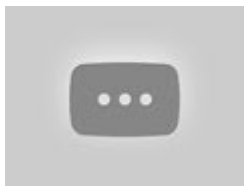
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If you haven't already done so, you can have a look at them here: [Icom 7300 Easy Transmitter Settings For Digital Operation](#).

Here are internal screencaptures from my Icom 7300's menu system.

## WSJT-X The Easy Way!

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In this video I cover the download locations for WSJT-X, how to run it and using the built in logging capability. Also included, additional settings, making a contact and finally importing WSJT-X log into HRD logbook.

Once you get it installed I have a few more videos on the Icom 7300 to improve reception, transmit and make the WSJT-X Wide Graph (waterfall) look its best. See below.

Thank you for stopping by and visiting my website. There will be more to come on the IC-7300 and IC-7610.

Have you been on FT8? What do you think about it?

73's,

Rich, K0PIR

### Sources and Reference

[WSJT-X download](#)

[Using the Wide Graph](#)

[Icom 7300 Receiver Settings For Digital](#)

[Icom 7300 Easy Transmitter Settings For Digital](#)

## **Icom 7300 settings that work:**

### **Connectors**

DATA OFF MOD = MIC,ACC

DATA MOD = USB

USB Serial Function = CI-V

### **CI-V**

CI-V BAUD Rate = AUTO

CI-V Address = 94h

CI-V Transceive = ON

CI-V USB PORT = UNLINK From REMOTE

CI-V USB BAUD Rate = 115200

CI-V USB Echo Back = ON

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