

## WSJT X and IC-7300 settings

Note: Currently running v. 2.1.2.

You must download and install the **Icom** Silicone Labs driver before you plug in the 7300 USB cable!

### WSJT X settings

**General Tab** (Note: Keyboard F2 always brings up Settings menu.)

Insert your call sign. Insert your 6 digit grid square. IARU Region All

Display (items check marked)

Display distance in miles

TX messages to R frequency window

Behavior (items check marked)

Double-click on call sets Tx enable

Disable Tx after sending 73

**Radio Tab** (Select your transceiver, 7300 in this case)

CAT Control

Serial Port COM13 (Silicone Labs CP210X USB to UART Bridge \*)

\*To determine port #: Right click on: My Computer, Properties, Device Manager, Ports (COM & LPT)

Note which COM port is listed for Silicone Labs CP210X USB to UART Bridge

Baud rate 19200\*, 8 bits, one stop, Handshake: Hardware or None

\*This value is your choice. 19200 likely works faster than the default. If another program is already functional, such as N1MM+ logger, select the same baud rate as the other program.

PTT method CAT

Transmit audio source is grayed out

Mode: Data/Pkt

Split operation is currently NONE

Test CAT should come up green.

Test PTT will put the rig in transmit, but there will be no output.

Use the Tune button on the main operating screen to see output.

### Audio Tab

Input: USB audio CODEC

Output: USB audio CODEC

Save Directory: Browse to new location if you want to change this.

### Reporting Tab

Check mark Prompt to log QSO

### Advanced Tab

Two pass decoding

We are finished with WSJT settings. Radio settings are next.

### Radio menu settings for IC-7300

Menu, Set, Connectors

ACC/USB Output Select: AF

ACC/USB AF Output Level: Approximately 20%. See note below.

Note: Receive green bar should NEVER go red. I set mine just under 70% on the WSJT left vertical bar. I run the on AGC "FAST", unlike the WSJT X documentation.

ACC/USB AF SQL: OFF (Open)

ACC/USB AF Beep/Speech...Output: OFF

Next set of menus

ACC/USB IF Output Level: 50% (default)

ACC MOD level: 50% (default)

USB MOD level: 25% Use the WSJT X Pwr slider on the right so ALC reading is just above zero when transmitting. I prefer the setting to be in the upper midrange.

DATA OFF MOD: MIC, ACC

Next set of menus

DATA MOD: USB

External Keypad: All OFF. (Not used)

### CI-V settings

CI-V Baud Rate: 19200

CI-V Address: 94h

CI-V Transceiver: OFF

CI-V USB REMOTE Transceiver Address: (leave at 00h)

CI-V Output (for ANT): OFF

CI-V USB Port: Link to [REMOTE]

CI-V USB Baud Rate 19200

CI-V USB Echo Back: OFF

## USB settings

USB Serial Function: CI-V

Next set of menus

RTTY Decode Baud Rate: 19200

USB Send / Keying menu

USB SEND: OFF

USB Keying (CW): OFF

USB Keying (RTTY): OFF

Inhibit Timer at USB connection: ON (Don't know what this does.)

Rev B