WSJT X and IC-7610 settings

Note: Currently running v. 2.4.0.

You must download and install the Icom Silicone Labs driver before you plug in the 7610 USB cable!

WSJT X settings

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

Insert you 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   Note: You can set the watchdog timeout in minutes

Radio Tab (Select your transceiver, 7610 in this case)

CAT Control

Serial Port COM16 (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-7610

Menu, Set, Connectors

USB AF/IF Output, Output Select: AF

AF Output Level: Approximately 2%. 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.

None of ACC or LAN AF/IF settings are used.

USB AF SQL: OFF (Open)

USB AF Beep/Speech…Output: OFF

Next set of menus

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 (Don't know what this does.)

Next set of menus

DATA2 MOD: USB (I don't use Data1 MOD or Data3 MOD

USB SEND/Keying: All OFF (not used), but Inhibit Timer at USB Connection ON

Don't know what that does either.

CI-V settings

CI-V Baud Rate: 19200

CI-V Address: 98h

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

Rev A