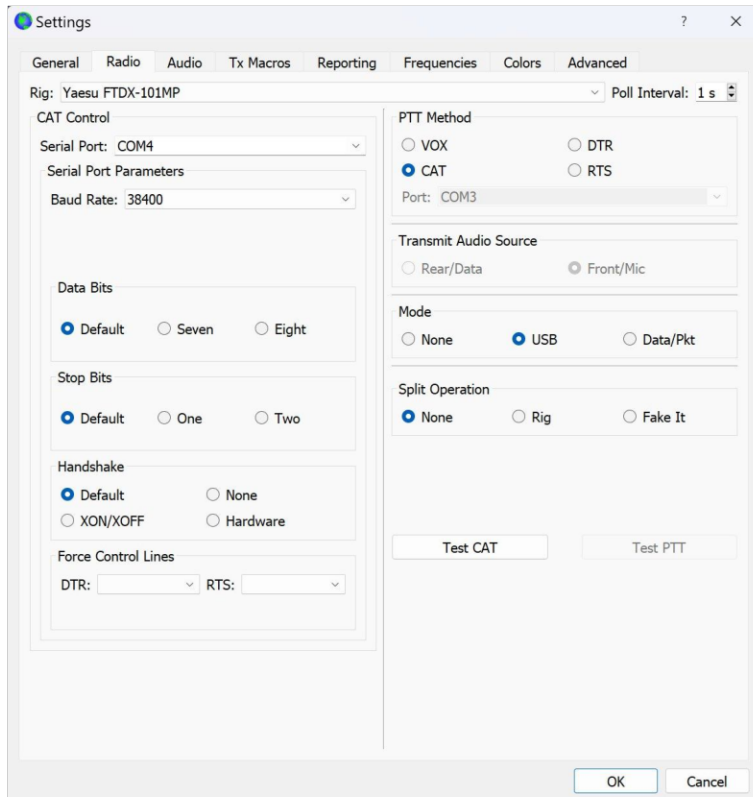# FTDX101MP and 60 meters transmit

*60 meter *transmit* is only available via imbedded 60 meter memory channels in the firmware, NOT the 5.0 band button nor user created memories on 60 meters.

**The use of Firmware 60 Meter channels for transmit are accessed by:**

- With radio ON, press the far **right V>M** button to access the channel memory selections. Using the MULTI knob, scroll **to the end** of the long list.

- The end of the list has 10 channels for 60 Meters USB and CW transmit.

- Select the channel you wish to operate on (traditionally 5.358.500 USB for 60 meters digital is used), and press the MULTI knob to select/load the channel into the VFO. This channel will become the default on subsequent V/M use.

- Exit memories with quick press on the far **right V>M** button. This ends setup.

- Once setup is done, transmit ability on 60 meters is always available by pressing the *far **left** * **V/M** button and 5.358.500 comes up on the display with 5-3 channel above the orange **USB** icon. This indicates channel 5-3 USB is being used.

- You need to enable WSJT to allow 60 meters and avoid the out of band OOB error. Go to WSJT/Settings/Frequencies; right click in Working Frequencies panel. Select *Insert* and type in 5.358500. Press OK button.

- To start 60 meters, **press far left V/M button. To quit** channel use, **press the far left V/M button again. Do not go to 60 meters or leave via WSJT software.** [1]

- In WSJT-X software program (*be sure you have a current version*), the WSJT-X/Settings/Radio Tab has to have Split Operation with None selected, **otherwise the radio will display TX but have no audio out** and it will have moved to VFO mode instead of memory. *If this happens you have to manually force the radio to another band then come back via the far left* **V/M** button. [2]

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1. Software can not start the radio in 60 meter firmware memories and if you use software to leave 60 meter firmware channels, a Sub VFO is turned on and changes its frequency. You will have to clear the VFO by going to another band via using the upper band band buttons and then go to 60 meters by calling firmware mode with the V/M button.

2. When using 60 meters the WSJT program will not key the transmitter with audio out *until* this is set to **None**. **Fake it works in 6 thru 160 meters but not 60 meters.** The firmware 60 meter channels apparently do not accept 'Fake It' as viable for transmit *and instead forces the radio into VFO mode (not 5-3 USB)* and the radio will have to be taken to another band and then use left V/M button to enter 60 meters.

Note: Make sure you have the radio's menus for FT8 and USB cord per:
https://www.qsl.net/kl7j/FTDX101MP%20USB%20FT8.html

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