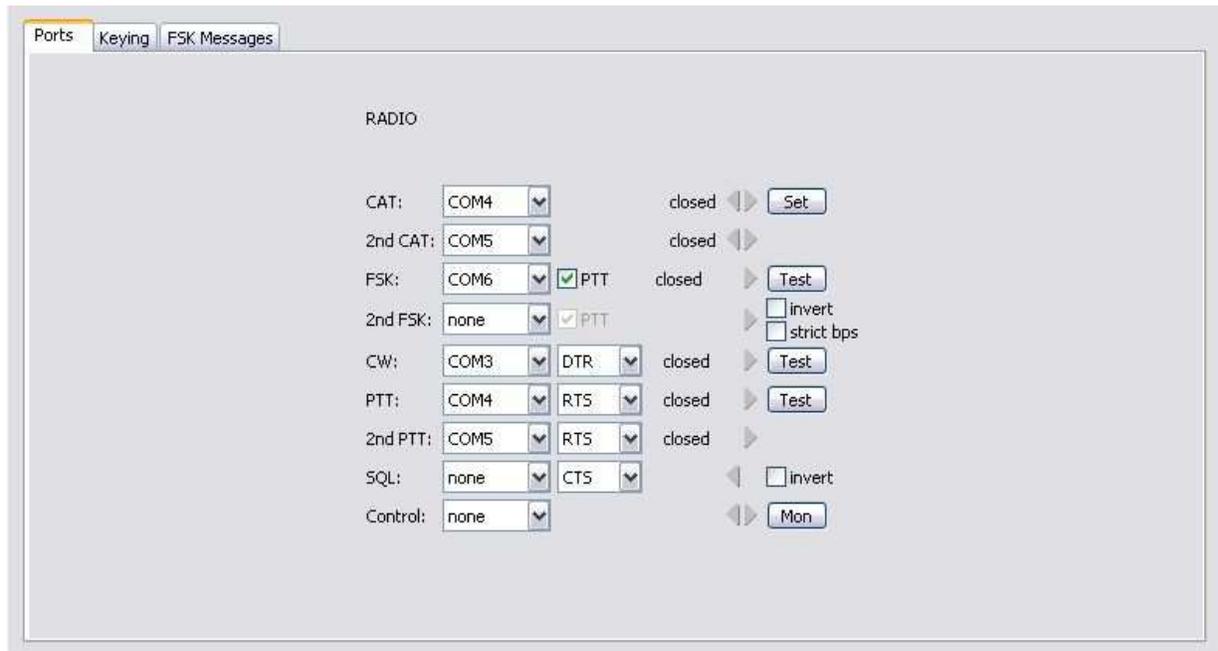# DigiKeyer and WSPR Setup

## Router setup:

Note: The absolute port numbers do not matter.  The key is consistency - the same port number must be used for a specific function every time it is used.
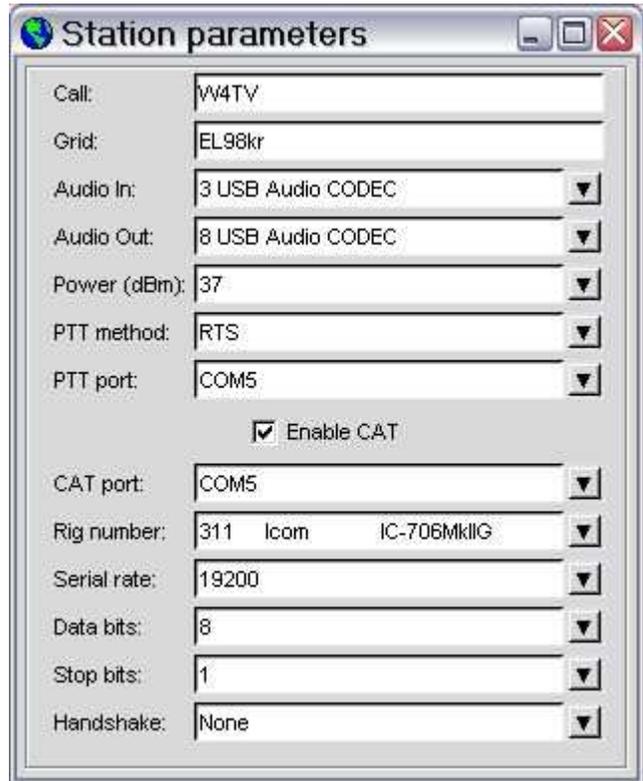
1.  WSPR uses a radio control port only for changing bands and tuning to a new frequency.  It is convenient to use the 2nd CAT port for WSPR.  This allows the CAT, FSK, PTT and CW ports to be used for your normal logging software.

2.  Assign the **2nd PTT** port for WSPR to put the transceiver into transmit.



3.  Save settings to a preset by selecting menu **Preset | Save as.**  Choose a position and name it WSPR.

# WSPR setup:

1. Select the **Setup | Station Parameters** or press **F2.**

2. Select USB Audio CODEC for use as the Audio In and Audio.

3. Set PTT Port to the virtual serial port you assigned for **2nd PTT** in Router and set PTT Method to RTS.

4.  Check Enable CAT.

5. Set CAT port to the port you set for 2nd CAT in Router

6. Configure your rig type and data communication parameters.

| Station parameters | |
|---|---|
| Call: | W4TV |
| Grid: | EL98kr |
| Audio In: | 3 USB Audio CODEC |
| Audio Out: | 8 USB Audio CODEC |
| Power (dBm): | 37 |
| PTT method: | RTS |
| PTT port: | COM5 |
| | ☑ Enable CAT |
| CAT port: | COM5 |
| Rig number: | 311    Icom         IC-706MkIIG |
| Serial rate: | 19200 |
| Data bits: | 8 |
| Stop bits: | 1 |
| Handshake: | None |