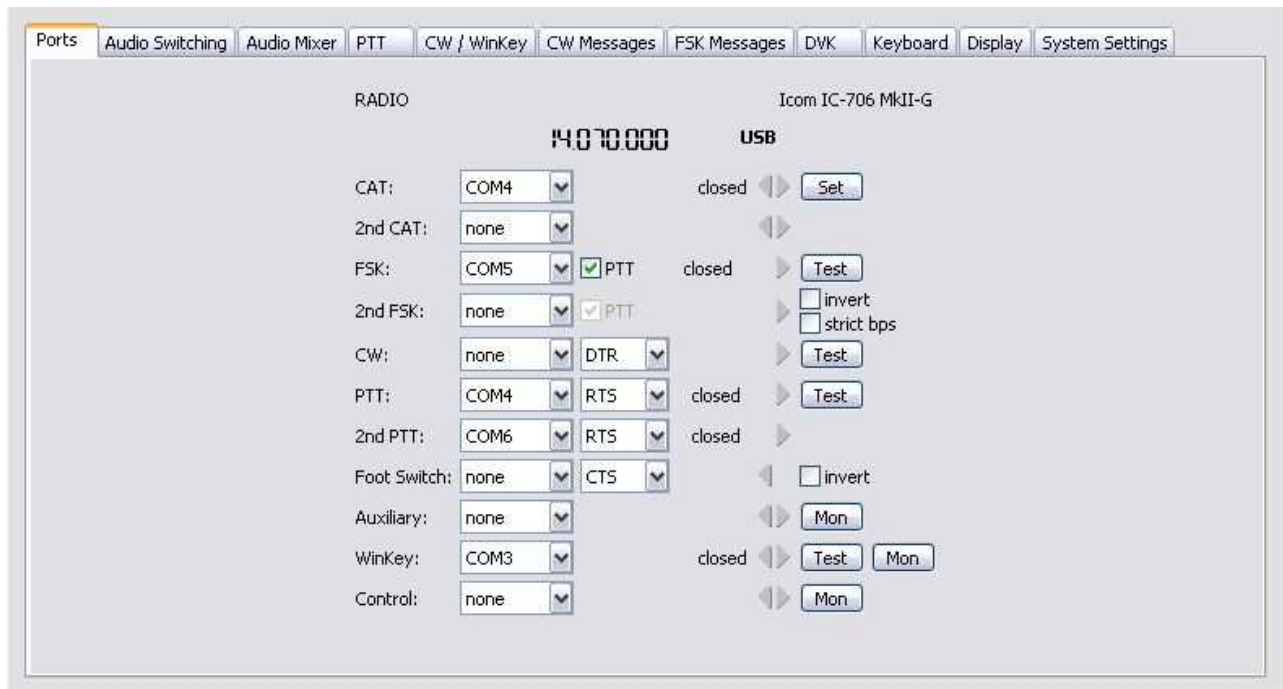


# microKeyer II and WSJT Setup

## 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. WSJT does not use a radio control port, FSK Port, CW Port or WinKey. You may assign those ports for other software which may be running at the same time as WSJT6.
2. Assign the **2<sup>nd</sup> PTT** port for WSJT to put the transceiver into transmit.
3. On Router's PTT tab **unchecked** "Sound card PTT."

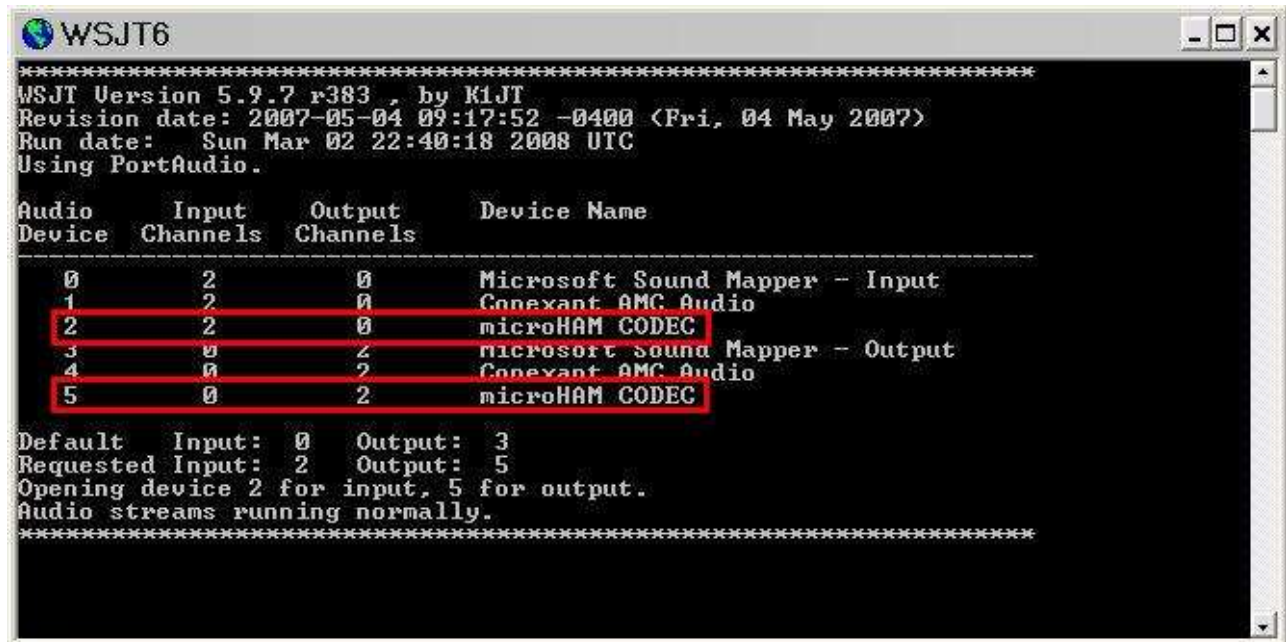


4. Save settings to a preset by selecting menu **Preset | Save as**. Choose a position and name it WSJT.

**Note:** when operating WSJT, microKEYER II should be configured to use the Line Input (rear) for FSK/Digital modes just as it is for AFSK or PSK31.

## WSJT setup:

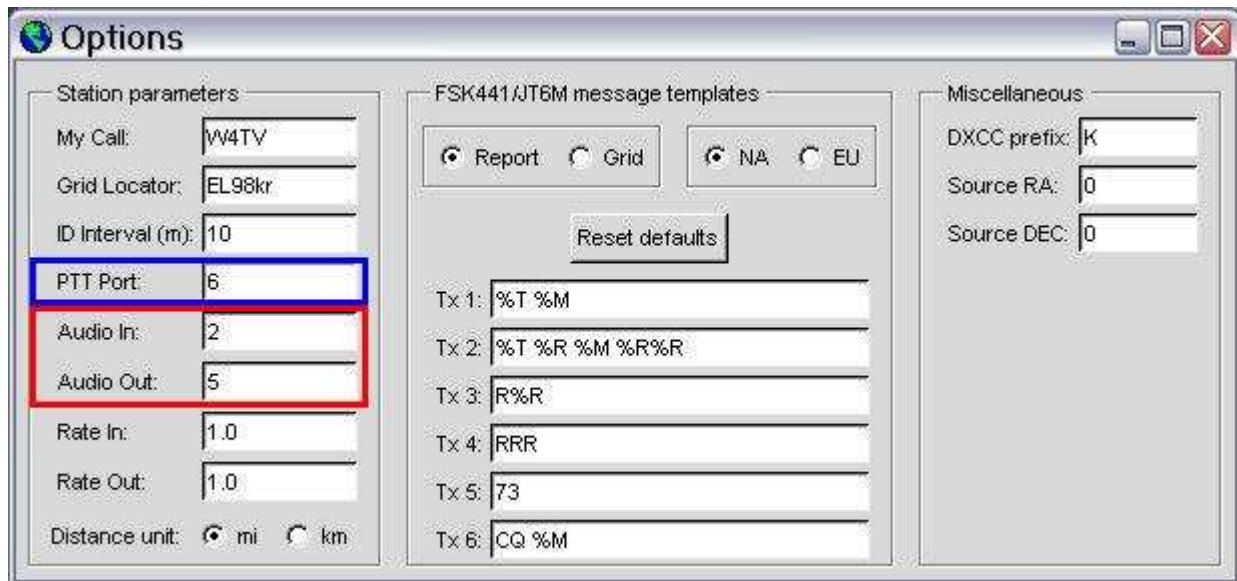
1. Select the WSJT Console Window and make note of the "Audio Device" numbers for microHAM CODEC Input and Output



The screenshot shows the WSJT6 console window with the following text:

```
*****  
WSJT Version 5.9.7 r383 , by K1JT  
Revision date: 2007-05-04 09:17:52 -0400 (Fri, 04 May 2007)  
Run date: Sun Mar 02 22:40:18 2008 UTC  
Using PortAudio.  
*****  
Audio   Input   Output   Device Name  
Device  Channels Channels  
-----  
0       2         0       Microsoft Sound Mapper - Input  
1       2         0       Conexant AMC Audio  
2       2         0       microHAM CODEC  
3       0         2       Microsoft Sound Mapper - Output  
4       0         2       Conexant AMC Audio  
5       0         2       microHAM CODEC  
*****  
Default Input: 0 Output: 3  
Requested Input: 2 Output: 5  
Opening device 2 for input, 5 for output.  
Audio streams running normally.  
*****
```

2. Select **Setup | Options** or press **F2** to open the WSJT Options dialog.



The screenshot shows the WSJT Options dialog box with the following settings:

- Station parameters: My Call: W4TV, Grid Locator: EL98kr, ID Interval (m): 10, PTT Port: 6, Audio In: 2, Audio Out: 5, Rate In: 1.0, Rate Out: 1.0, Distance unit: mi.
- FSK441/JT6M message templates: Report, Grid, NA, EU, Tx 1: %T %M, Tx 2: %T %R %M %R%R, Tx 3: R%R, Tx 4: RRR, Tx 5: 73, Tx 6: CQ %M.
- Miscellaneous: DXCC prefix: K, Source RA: 0, Source DEC: 0.

3. Set Audio In: and Audio Out to the Audio Device numbers from the Console screen.
4. Set PTT Port to the virtual serial port you assigned for **2<sup>nd</sup> PTT** in Router.

If everything is set correctly the microKEYER II Line and SC LEDS will light when WSJT is running.