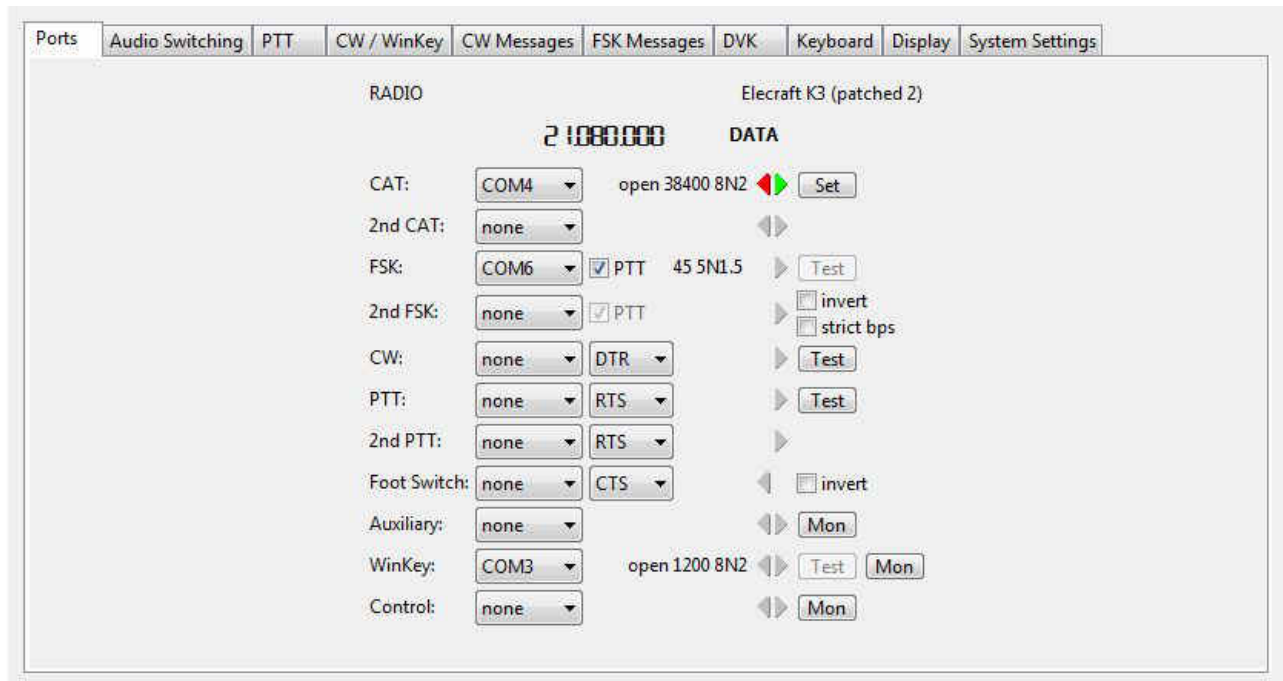


microKEYER II and WriteLog Setup

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.

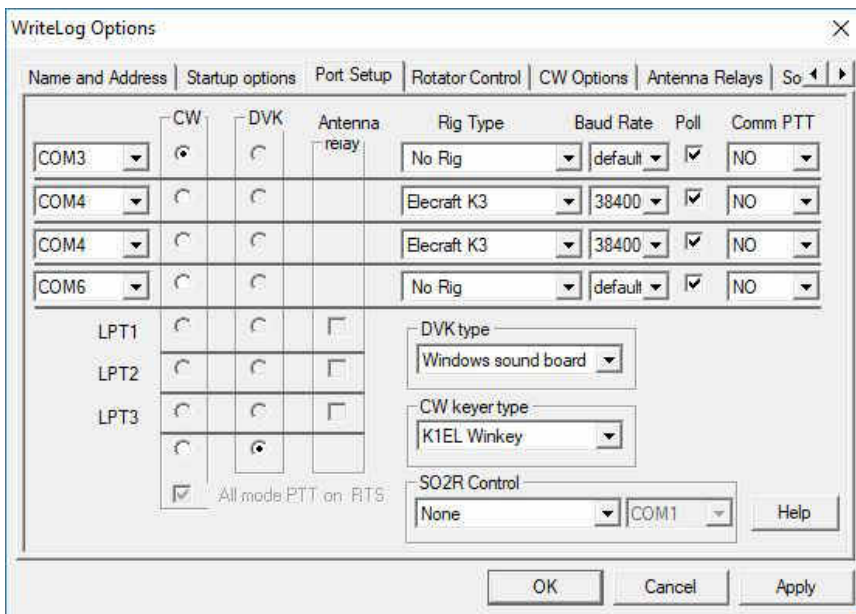
1. Assign the radio control virtual COM port. Click the **Set** button and select your radio from the drop down box. Uncheck the **Disable router queries** box.
2. Assign a port for WinKey
3. Assign a port for FSK, check PTT but do not check "strict bps."



4. On the **Audio Switching** tab. Set VOICE to "Microphone jack, logger or DVK control." Set FSK/DIGITAL to "Line input (rear)."
5. On the **PTT** tab, select **PTT1** for VOICE, **PTT1 or QSK** for CW and **PTT2** for FSK/DIGITAL.
6. Save settings to a preset by selecting menu **Preset | Save as**. Choose a position and name it WriteLog.

WriteLog setup:

1. Click **Setup| Ports ...**



2. Select K1EL WinKey as the CW keyer type

3. Assign CW to the WinKey port you used in Router's Ports tab

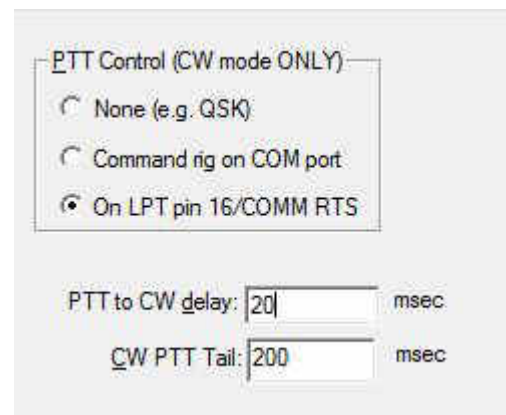
4. Select the proper Rig Type and the Port you used for Control in Router's Ports tab.

Be sure to set Comm PTT to NO – WriteLog should not operate PTT by CAT command.

5. Click CW Options.

6. Select "On LPT pin 16/COMM RTS" for PTT in CW or "None (e.g. QSK)" for QSK.

Note: PTT to CW Delay and CW PTT Tail are set on the PTT Tab in Router.

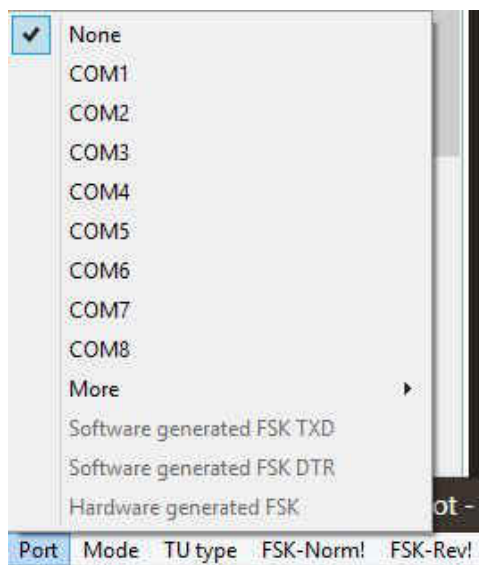


RTTY/Digital setup (FSK):

Beginning in version 11.11, there are 12 different combinations that will give FSK transmission and reception with WriteLog and microKEYER II. This document covers the XMMT.ocx interface for MMTTY. FSK will be generated by MMTTY.

Configuring XMMT.ocx for MMTTY FSK

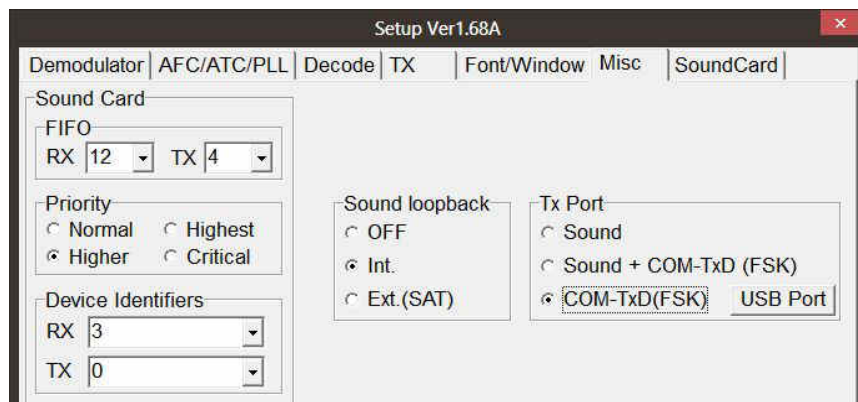
If you have not already installed XMMT.ocx or previously used another logging package that installed XMMT.ocx, AA5AU provides an extensive series of tutorials for WriteLog, see: <http://www.rttycontesting.com/tutorials/writelog/xmmt-support-for-mmtty-2tone/> (thanks Don, AA5AU).



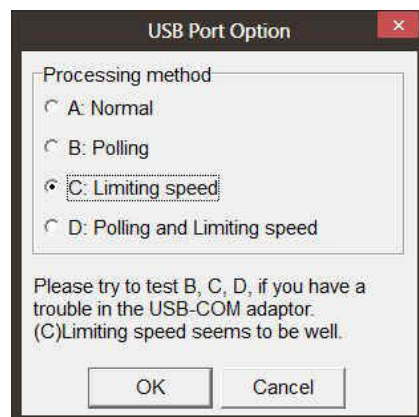
1. Open the WriteLog RTTY Window and set Ports to **None**.
2. Select XMMT.ocx as the TU Type
3. Set the full path to MMTTY.exe
4. Click "TNC Setup | XMMT. Setup ..." to configure MMTTY
5. Select the TX tab in MMTTY then set PTT & FSK to the port you will use for FSK.



6. Choose the Misc Tab.
7. Select **Source LEFT**
8. Select clock 12000



9. Select COM-TxD (FSK) for the TX Port.
10. Click **USB port** button and choose **C: Limiting speed**
11. Select "Line (microHAM CODEC)" for Reception in the Sound Card tab.
12. Select the "TX" tab and set the PTT & FSK Port to the port you assigned for FSK in Router



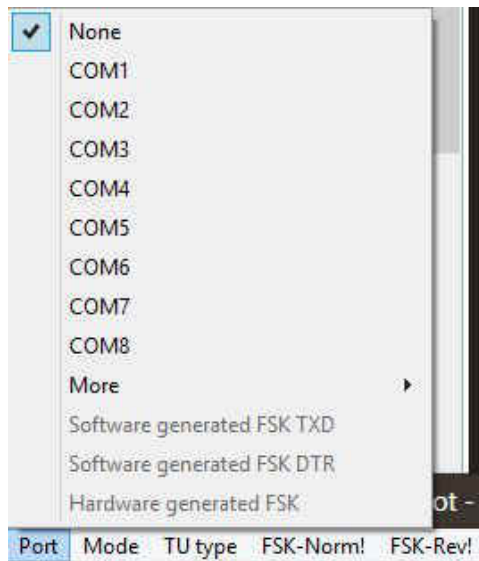
RTTY/Digital setup (AFSK):

There five different ways to configure WriteLog and microKEYER II for AFSK operation. This guide covers the XMMT.ocx interface for MMTTY and/or 2Tone.

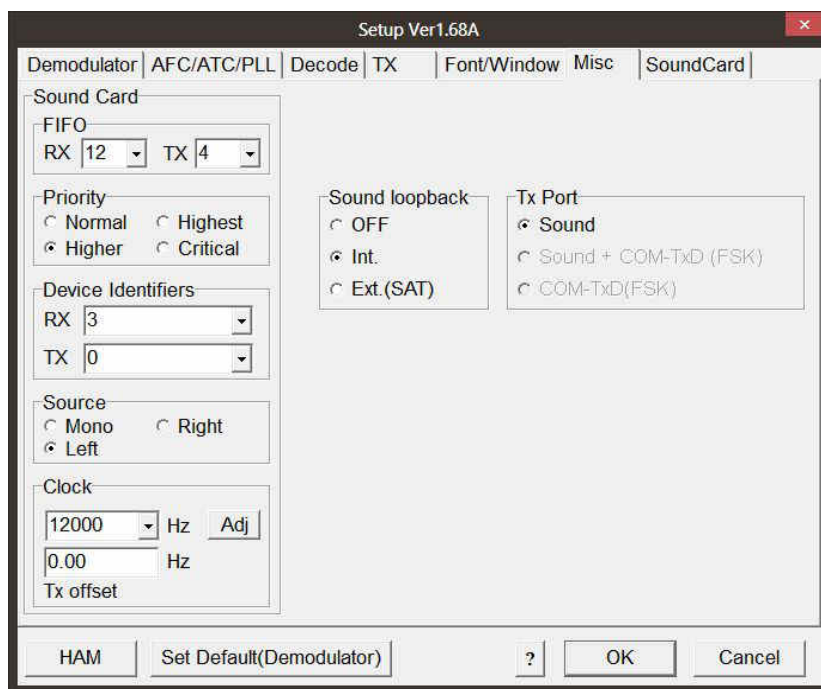
Configuring XMMT.ocx for MMTTY FSK AFSK:

If you have not already installed XMMT.ocx or previously used another logging package that installed XMMT.ocx, AA5AU provides an extensive series of tutorials for WriteLog, see:

<http://www.rttycontesting.com/tutorials/writelog/xmmt-support-for-mmtty-2tone/> (thanks Don, AA5AU).



1. Open the WriteLog RTTY Window and set the Port to **None**.
2. Select XMMT.ocx as the TU Type
3. Set the full path to MMTTY.exe
4. Click "TNC Setup | XMMT. Setup ..." to configure MMTTY
5. Select the TX tab and set PTT & FSK to the port you will use for FSK.

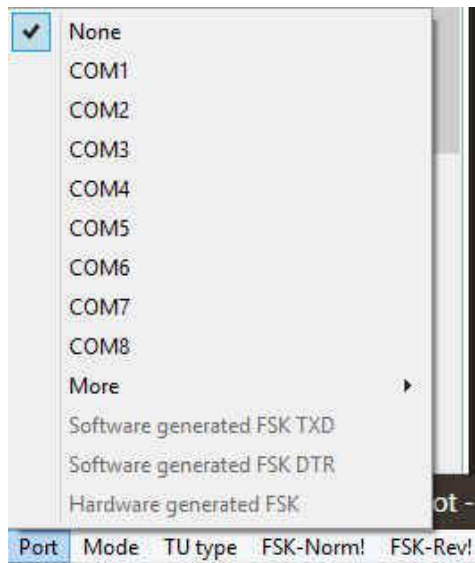


6. Choose the Misc Tab.
7. Select **Source LEFT**
8. Select clock 12000
9. Set TX Port to Sound.
10. Select "Line (microHAM CODEC)" for Reception in the Sound Card tab.
11. Select "Headset Earphone (microHAM CODEC)" for Transmission on the Sound Card tab

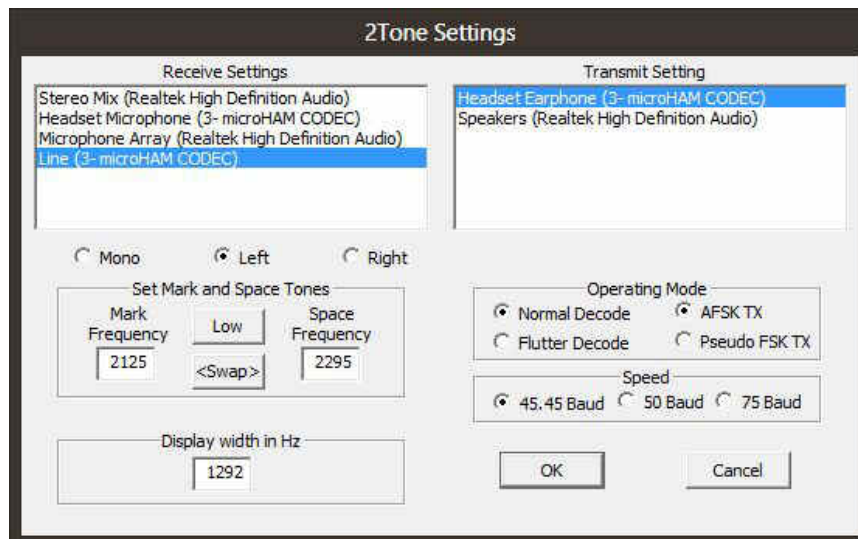
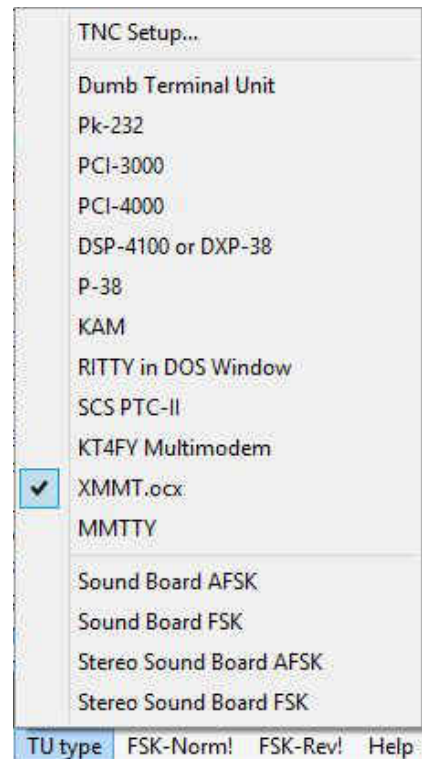
Configuring the XMMT.ocx interface for AFSK with 2Tone

If you have not already installed XMMT.ocx or previously used another logging package that installed XMMT.ocx, AA5AU provides an extensive series of tutorials for WriteLog, see:

<http://www.rttycontesting.com/tutorials/writelog/xmmt-support-for-mmtty-2tone/> (thanks Don, AA5AU).



1. Open the WriteLog RTTY Window and set Ports to **None**.
2. Select XMMT.ocx as the TU Type
3. Set the full path to 2Tone.exe if prompted
4. Click "TNC Setup | XMMT. Setup ..." to configure 2Tone.



5. Select "Line (microHAM CODEC)" in the "Receive Settings" box.
6. Select "Headset Earphone (microHAM CODEC)" in the Transmit Settings box.
7. Choose "**LEFT**" (left channel) for the main receiver audio.

8. Set Operating mode to AFSK TX
9. Set Speed to 45.45 Baud for normal operation.