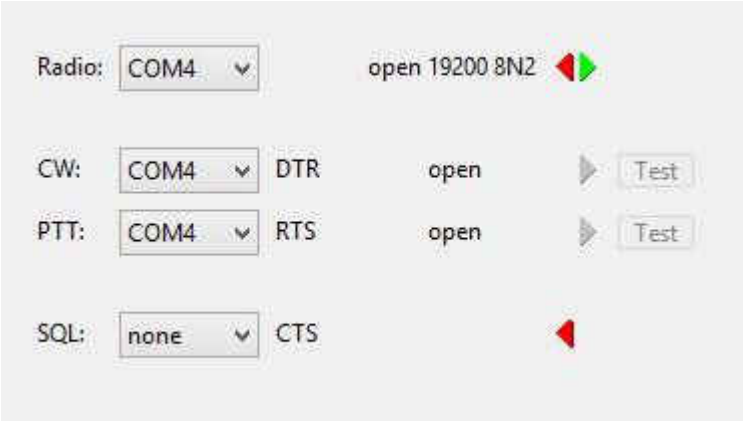
USB Interface II and WriteLog setup

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.

Writelog will require different port configurations for CW and FSK RTTY.

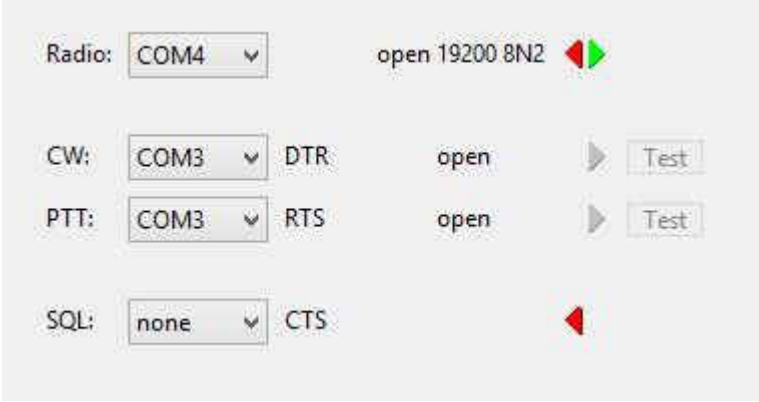


For CW (and AFSK):

1. Assign the radio control virtual COM port.
2. Assign the same port for CW and PTT
3. Save your settings to a preset by selecting menu **Preset | Save as.** Choose a position and name it WriteLog/CW.

For FSK (RTTY):

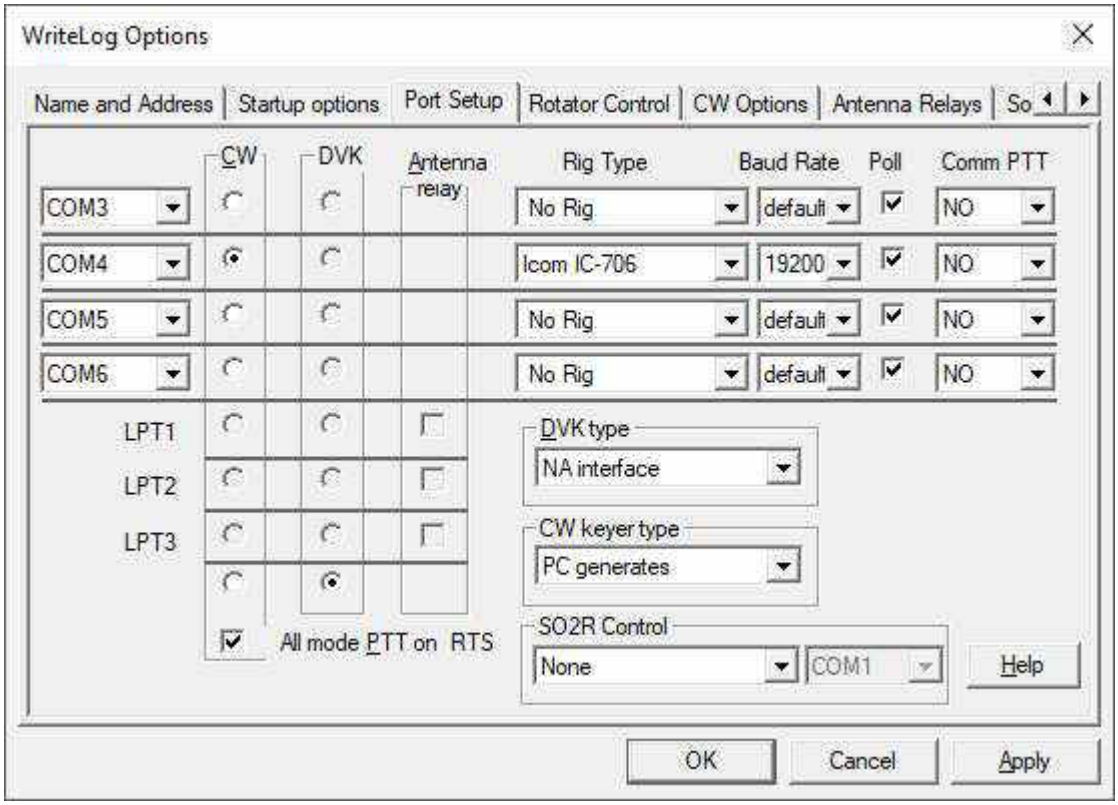
4. Assign the radio control virtual COM port.
5. Assign a different port for CW and PTT
6. Save your settings to a preset by selecting menu **Preset | Save as.** Choose a position and name it WriteLog/RTTY.



When switching between CW and RTTY (FSK), you will need to select the appropriate preset in Router.

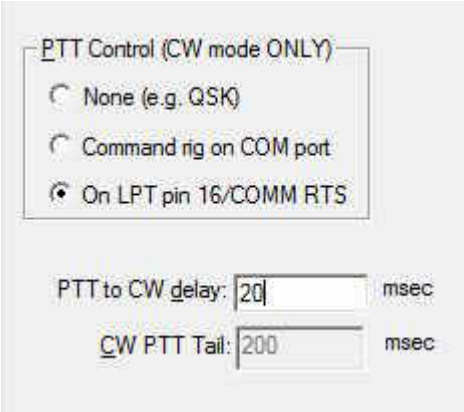
WriteLog setup:

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



2. Select "PC Generates" as the CW keyer type

3. Assign CW to the port you used for rig control 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. Select "All mode PTT on CW Port RTS"

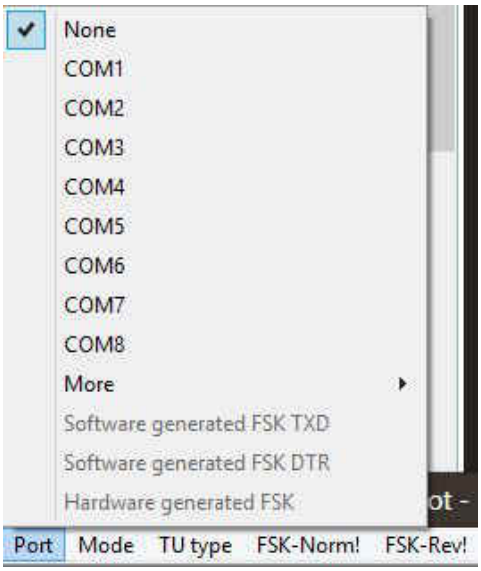
6. Select the CW Options tab then choose PTT (On LPT pin 16/COMM RTS) or QSK (None) and set the PTT to CW delay.

RTTY/Digital setup (FSK):

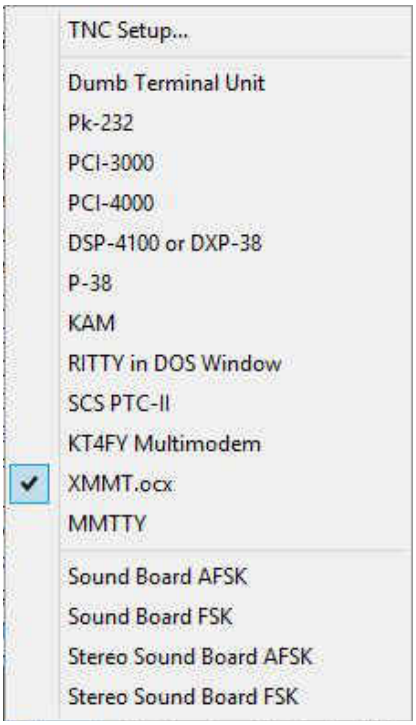
Beginning in version 11.11, there are 13 different combinations that will yield FSK transmission and reception with WriteLog and Digikeyer II. This document covers the XMMT.ocx interface for MMTTY. FSK will be generated by MMTTY.

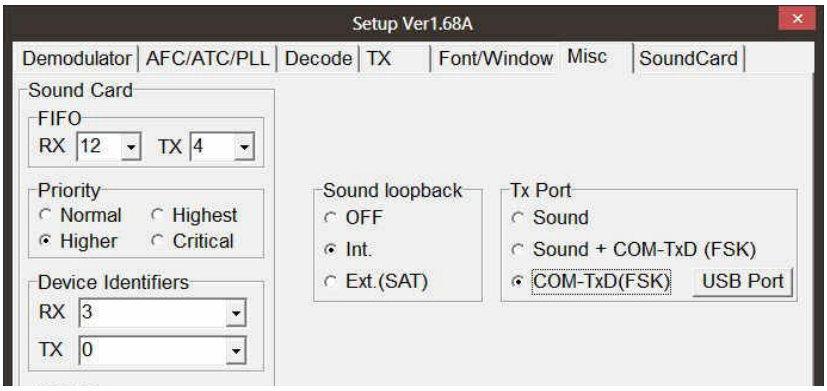
Configuring XMMT.ocx for MMTTY FSK

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).

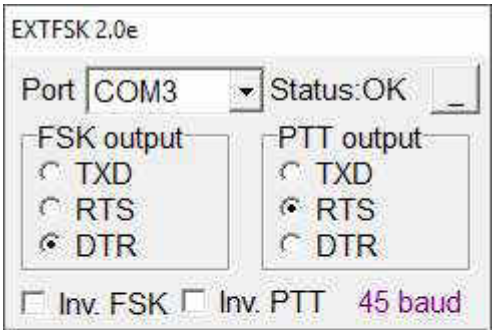


1. Open the WriteLog RTTY Window and set Ports to **None**.
2. Select XMMT.ocx as the TU Type
3. Set the full path to MMTTY.exe
4. Click "TNC Setup | XMMT. Setup …" to configure MMTTY
5. Select the TX tab and set PTT & FSK to EXTFSK.





6. Choose the Misc Tab.
7. Select **Source LEFT**
8. Select clock 12000
9. Select COM-TxD (FSK) for the TX Port.
10. Select the sound card input connected to "Input" on USB Interface II for Reception in the Sound Card tab.
11. Select the EXTFSK window from the Windows task bar.
12. Select the Port you chose for (FSK) CW and PTT in Router
13. Set FSK output to DTR
14. Set PTT output to RTS
15. Return the EXTFSK window to the taskbar.

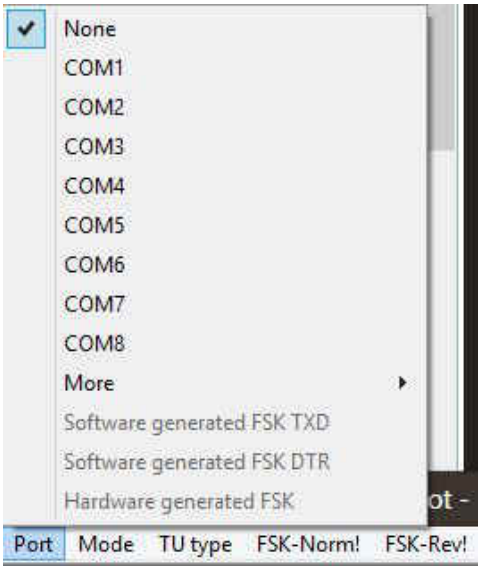


RTTY/Digital setup (AFSK):

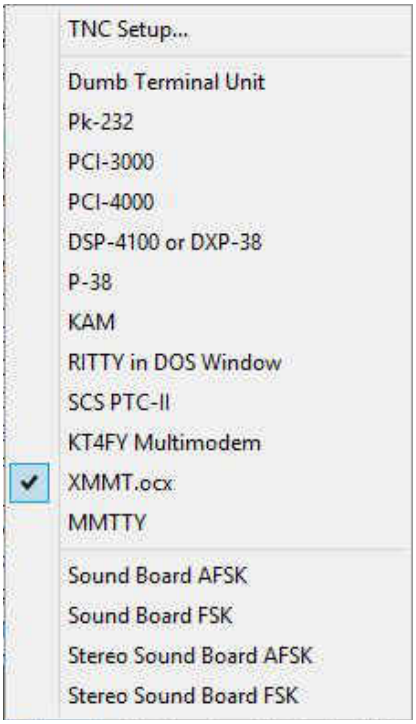
There are five different ways to configure WriteLog and Digikeyer II for AFSK operation. This document covers two of those configurations: tne XMMT.ocx interface for 2Tone and MMTTY.

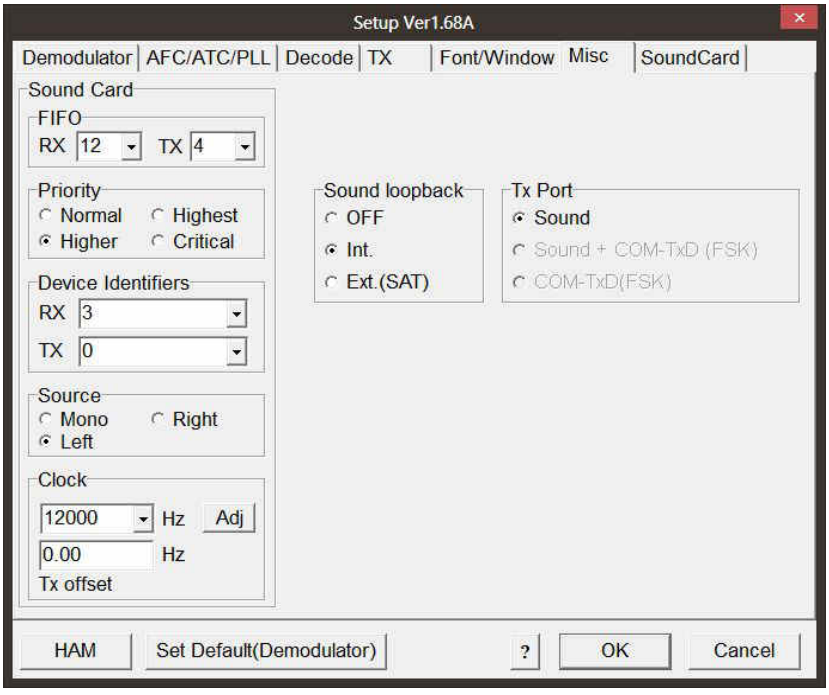
Configuring XMMT.ocx for MMTTY FSK AFSK:

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 **None**.

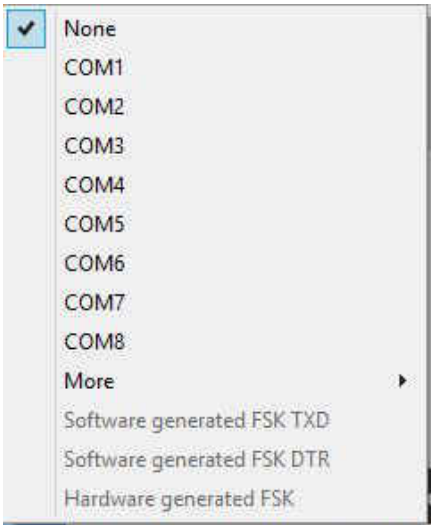




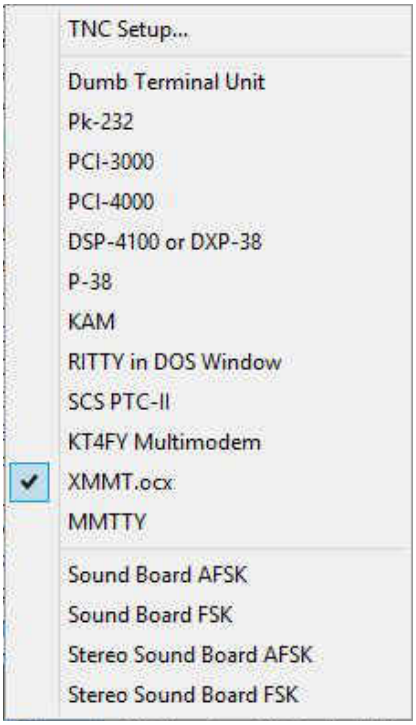
6. Choose the Misc Tab.
7. Select **Source LEFT**
8. Select clock 12000
9. Set TX Port to Sound.
10. Select the sound card input connected to "Input" on USB Interface II for Reception in the Sound Card tab.
11. Select the sound card output connected to "Output" on USB Interface II for Transmission on the Sound Card tab

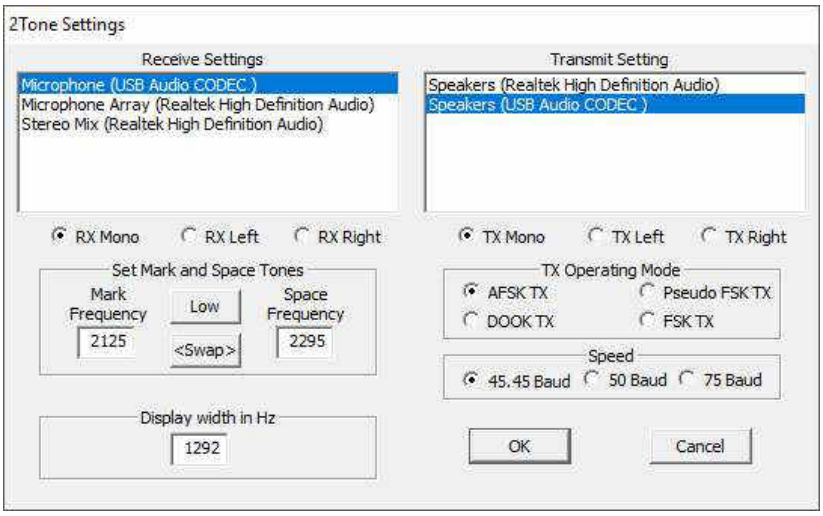
Configuring the XMMT.ocx interface for AFSK with 2Tone

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 Setup in the 2Tone menu to configure 2Tone.





5. Select the sound card input connected to "Input" on USB Interface II for Reception in the Receive Settings Box.
6. Select the sound card output connected to "Output" on USB Interface II for Transmission in the Transmit Setting box.
7. Choose "**RX LEFT"** (left channel) for the main receiver audio.
8. Set Operating mode to AFSK TX and set PTT to None
9. Set Speed to 45.45 Baud for normal operation.