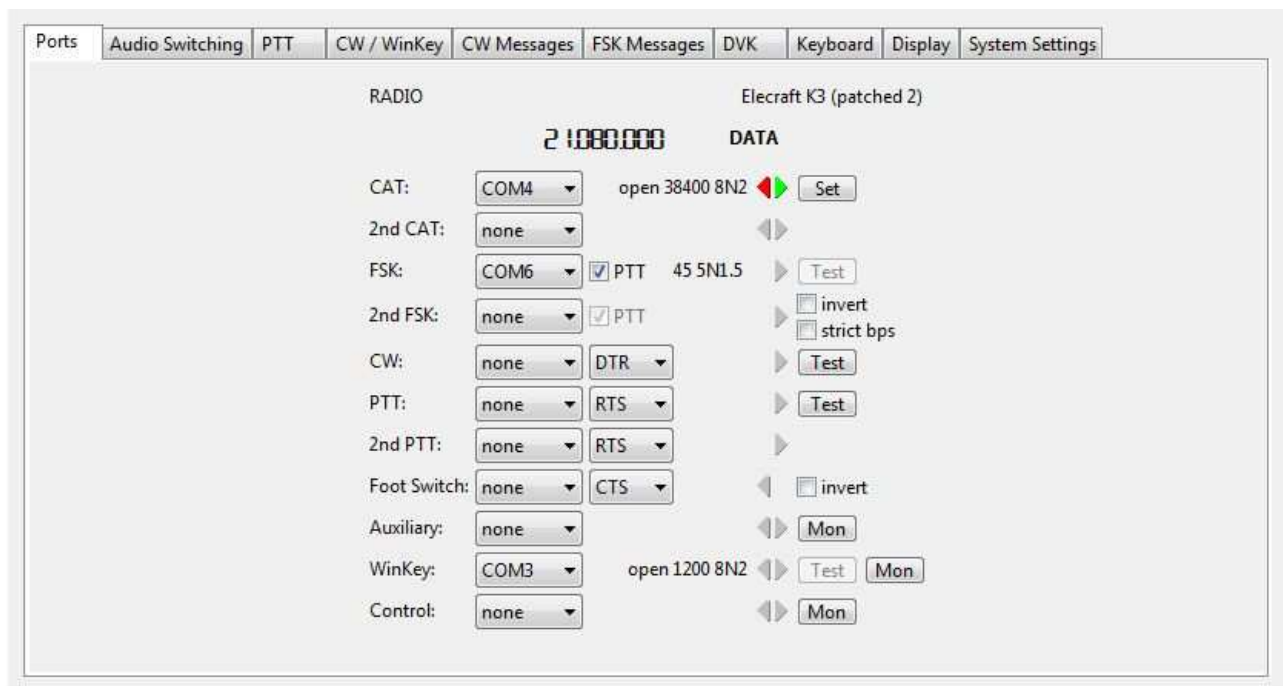


microKEYER II and WriteLog Setup

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.

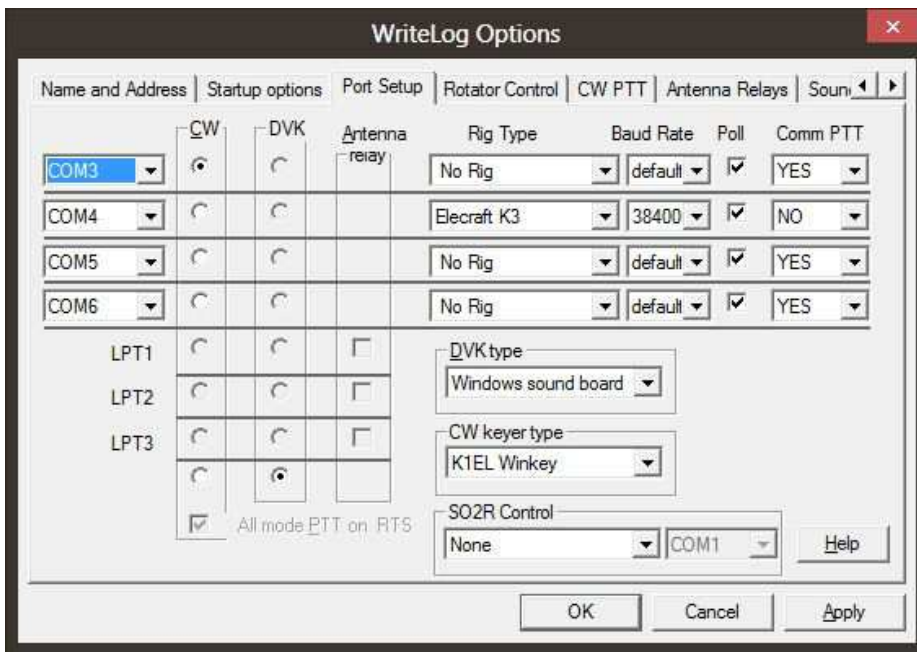
1. Assign the radio control virtual COM port. Click the **Set** button and select your radio from the drop down box. Uncheck the **Disable router queries** box.
2. Assign a port for WinKey
3. Assign a port for FSK, check PTT but do not check "strict bps." If you use the original MMTTY plug-in, the FSK Port must be COM1 – COM8. If you use the new XMMT.ocx plug-in, the FSK port may be between COM1 and COM16.



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 ...**

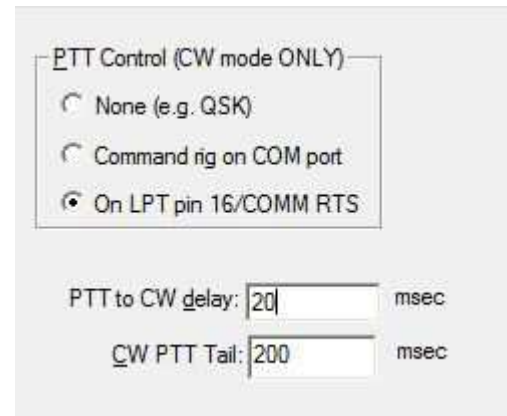


2. Select K1EL WinKey as the CW keyer type
3. Assign CW to the WinKey port you used in Router's Ports tab
4. Select the proper Rig Type and the Port you used for Control in Router's Ports tab.
Be sure to set Comm PTT to OFF – WriteLog should not operate PTT by CAT command.

5. Click CW PTT.

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.

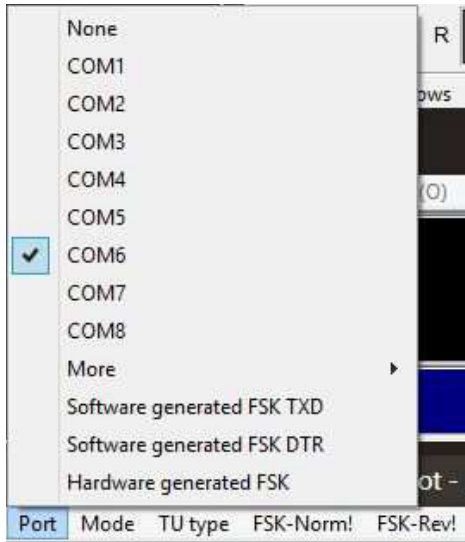


RTTY/Digital setup (FSK):

Beginning in version 11.11, there are 12 different combinations that will give FSK transmission and reception with WriteLog and microKEYER II. This guide will document two of those configurations: the original MMTTY plug-in (http://writelog.com/ThirdParty/MMTTYPluginforWritelog_V13.Exe) by SM6SRW and the new XMMT.ocx interface. In both cases FSK will be generated by MMTTY.

Configuring the MMTTY Plug-in for WriteLog by SM6SRW for FSK:

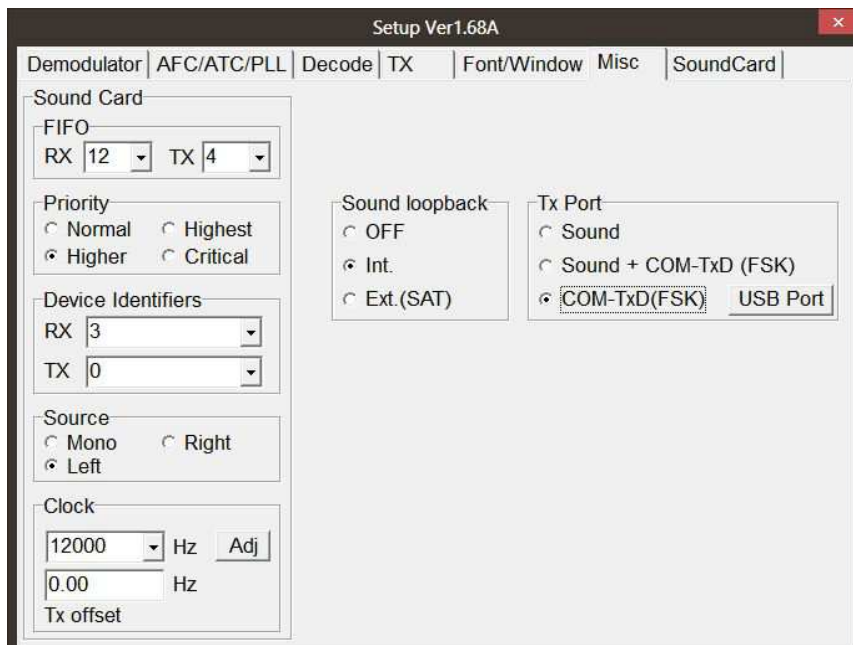
1. Install the MMTTY Plug-in for WriteLog by SM6SRW.



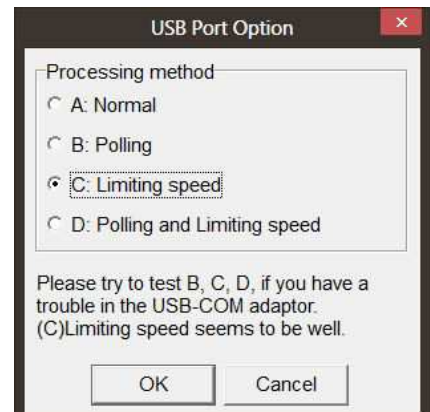
2. Open the WriteLog RTTY Window and select the same port as you assigned for FSK in Router.
3. **DO NOT** select Hardware generated FSK.
4. Select MMTTY as the TU Type and click on TNC Setup | MMTTY Settings to configure MMTTY.



5. Choose the Misc Tab.
6. Select **Source LEFT**
7. Select clock 12000
8. Select COM-TxD (FSK) for the TX Port.

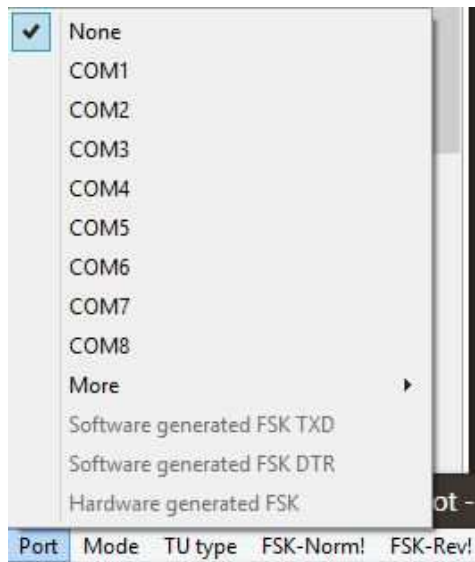


9. Click **USB port** button and choose **C: Limiting speed**
10. Select "Line (microHAM CODEC)" for Reception in the Sound Card tab.

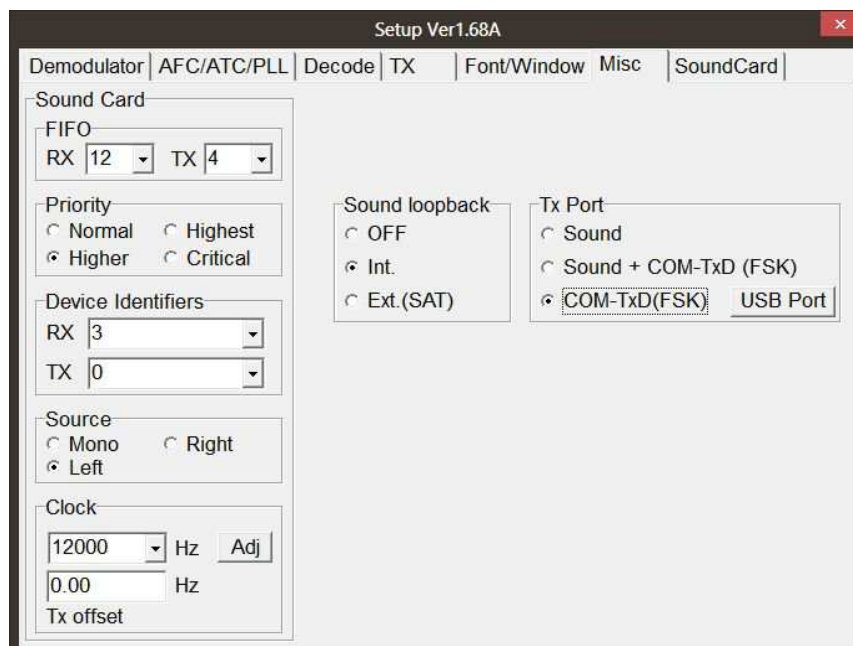


Configuring XMMT.ocx for MMTTY FSK

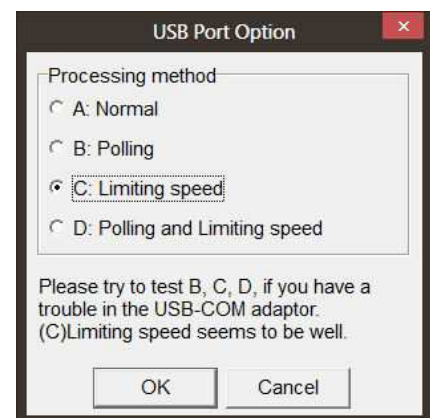
1. If you have not already installed XMMT.ocx or previously used another logging package that installed XMMT.ocx, see: <http://www.rttycontesting.com/writelog/xmmt/xmmt.pdf> (thanks Don, AA5AU).



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



6. Choose the Misc Tab.
7. Select **Source LEFT**
8. Select clock 12000
9. Select COM-TxD (FSK) for the TX Port.



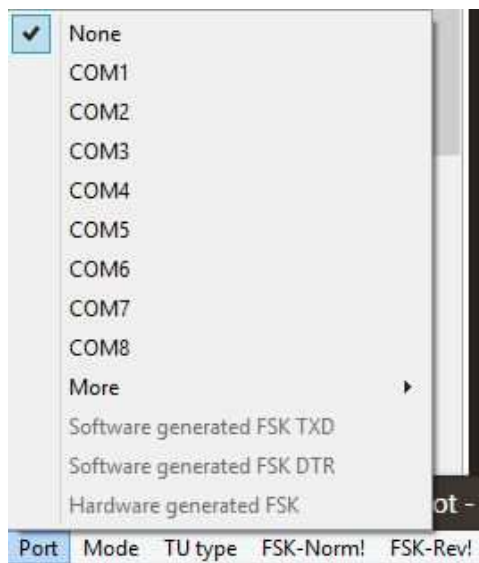
10. Click **USB port** button and choose **C: Limiting speed**
11. Select "Line (microHAM CODEC)" for Reception in the Sound Card tab.
12. Select the "TX" tab and set the PTT & FSK Port to the port you assigned for FSK in Router

RTTY/Digital setup (AFSK):

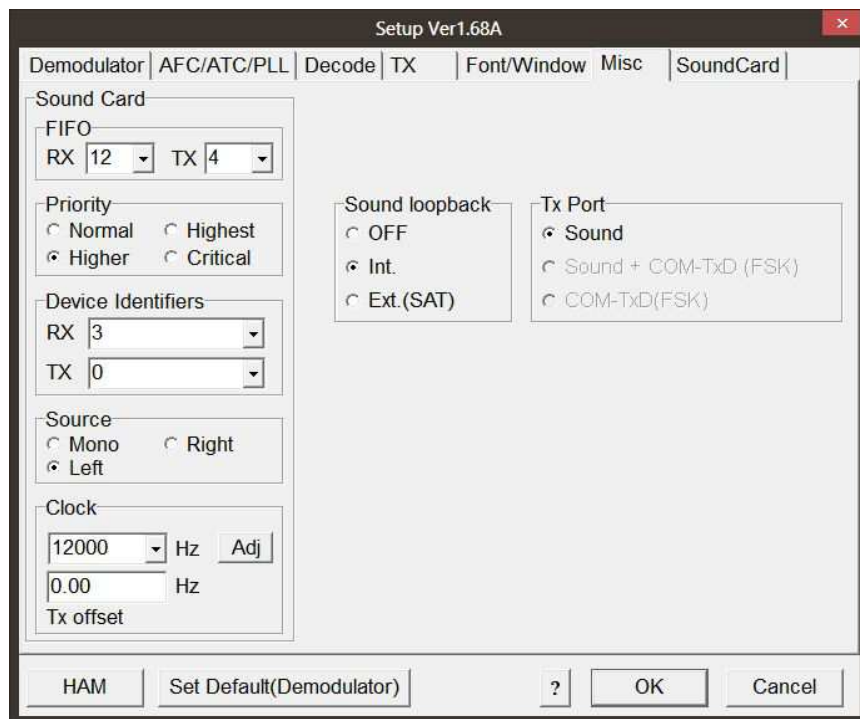
There five different ways to configure WriteLog and microKEYER II for AFSK operation. This guide will document two of those configurations: the original SM6SRW MMTTY plug-in for Writelog (http://writelog.com/ThirdParty/MMTTYPluginforWritelog_V13.Exe) and the new XMMT.ocx interface with 2Tone. The XMMT.ocx interface can also support MMTTY configured similarly to the original MMTTY plug-in.

Configuring the MMTTY Plug-in for WriteLog by SM6SRW for AFSK:

1. Install the MMTTY Plug-in for WriteLog by SM6SRW.



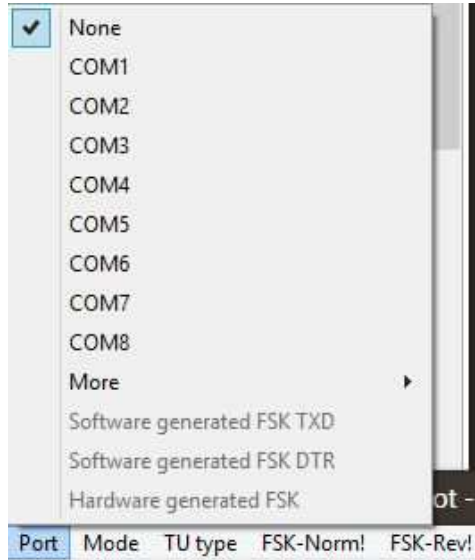
2. Open the WriteLog RTTY Window and set the Port to **None**.
3. Select MMTTY as the TU Type
4. Set the path to MMTTY if necessary.
5. Click TNC Setup | MMTTY Settings to configure MMTTY.



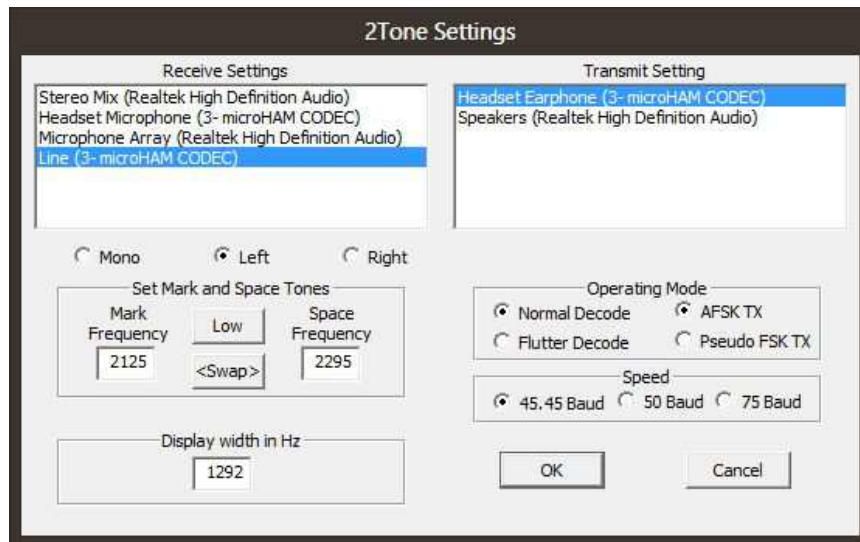
6. Choose the Misc Tab.
7. Select **Source LEFT**
8. Select clock 12000
9. Set TX Port to Sound.
10. Select "Line (microHAM CODEC)" for Reception in the Sound Card tab.
11. Select "Headset Earphone (microHAM CODEC)" for Transmission on the Sound Card tab

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, see: <http://www.rttycontesting.com/writelog/xmmt/xmmt.pdf>. 2Tone may be downloaded from: <http://www.rttycontesting.com/downloads/downloads.html> and set-up instructions are available at: <http://www.rttycontesting.com/writelog/xmmt/xmmt-2Tonesetup.html> (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.