



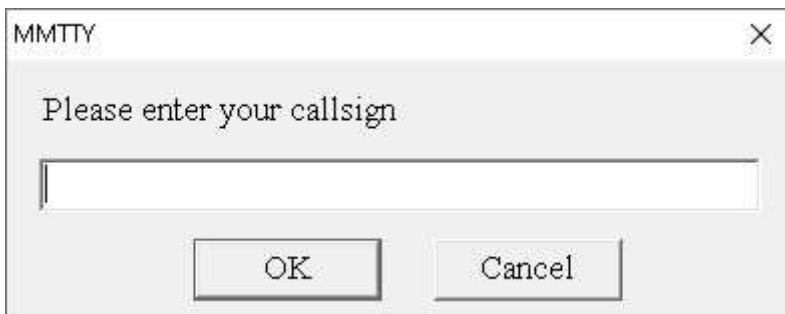
MMTTY for use with N1MM+

On the website of hamsoft one can download MMTTY. The download location is at <https://hamsoft.ca/pages/mmtty.php>



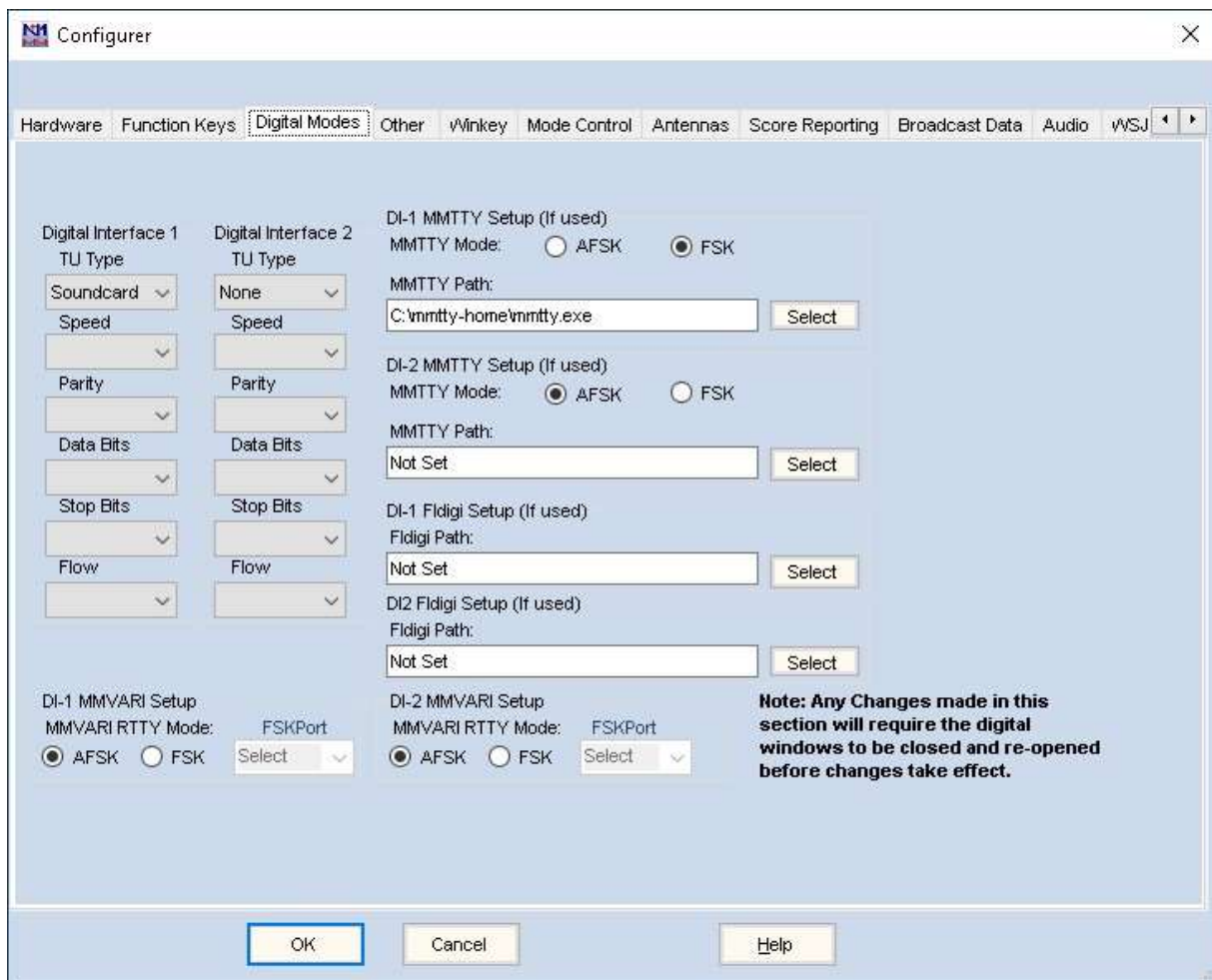
After download MMTTY can be placed in it's own directory at root level, for instance at C:\mmtty-home. After that, mmtty.exe can be executed.

First the call for the operator will be asked. After that the program can be closed.



Now within N1MM+ logger one can find under the tab <Digital modes> which sound card will be used and where to find the MMTTY location. After that a choice can be made for FSK or AFSK. We assume FSK setup here.





After one presses OK, one can open the Digital Interface from the Window TAB.

In this Digital Window one can choose the Tab "Interface" for MMTTY. In the settings down left in the window one can choose whether the text can be scrolled.





DigitalSetupWindow

General / MMTTY Setup MMVARI Setup Message Setup

General Settings

- RK Window: add to Grab window
- Display Radio Freq and not Exact Freq in DI Caption
- Add Callign to Bandmap on Alt-G
- Send Space on Callign Mouse Click
- (MMTTY)Send HandDefault on Run to S&P Change
- (MMTTY - MMVARI)Turn AFC On/Off on Run Change
- Do Not add Dupes to Grab Window
- Send Space on Using Grab
- If QSY Wipes call is checked Clear Grab Window and RK window on QSY
- QSY will clear Grab Window and Main RK window always
- Clear Grab Window On CQ
- Only Grab Master.scp Calls and Prev. Worked Calls in Current Contest
- When using Dueling CQ's (DistB) in Digital ESC turns off Dueling CQ
- When using Digital Calltracking (STACKANDOTHER) will pull top call from Grabwindow.

Callign Validity and Highlight Routines

- Use Generic Routines *Using Generic Routines will highlight anything that passes the callign validity check routines.*
- Use these resources:
 - Master.scp
 - Call History
 - Telnet Calls
 - Logged Calls
- Use Combination of both
- Use Search Routine to find master.scp calls in Garbage Test
- Highlight Foreground Test Highlight Background of Test

Alignment Frequency

MMTTY	MMVARI	FLDIGI
2125	RTTY 1500 *	RTTY 1500
	Other 1500	Other 1500

MMTTY_FLDIGI = Mark Freq MMVARI = Center Freq
* Add 05 to place Mark Freq on desired Frequency. Ex: On 2000 enter 2085

Default RTTY Interface
MMTTY

Default PSK Interface
MMVARI

MMTTY Window Layout
Normal

Save Settings

On Top Settings

- MMTTY Always on Top
- MMVARI Always on Top
- FLDIGI Always on Top

Shift Frequency Compensation
Enabled: Offset Frequency

D11 0
D12 0

Window Scroll
Window Scroll: Scrolling
 Highlight section line in Light Grip
Note: When using multiple windows in the PSK Engine, Scrolling Test will be used.

14200.08 Di-1 RTTY Mode - Soundcard (MMTTY)

Setup: Interface Help

TK Letters/Figs MouseOver

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M1P89W6K311CP6W6QDEY28M*17520P6P6X07_C0V6W6CPY6W6Q2TUR_63WV
DN XL00
MO
I 108W6Q6P7LY
E10V6W6Q2
M0Y VTI10P6W6Q6W6
.,01319)0P**8:;A2
6W6SEV_WC20W6S006P1220200
0W2306P648566.*
SS ,9/Y9H
RCP
/2/ 1-2T5P10V6W6Q2SUNED
EY128H
32N630P1412P6CP6W6
E
M6W6R0U=6E
24
G
I
1 W11/3168732026w82
  
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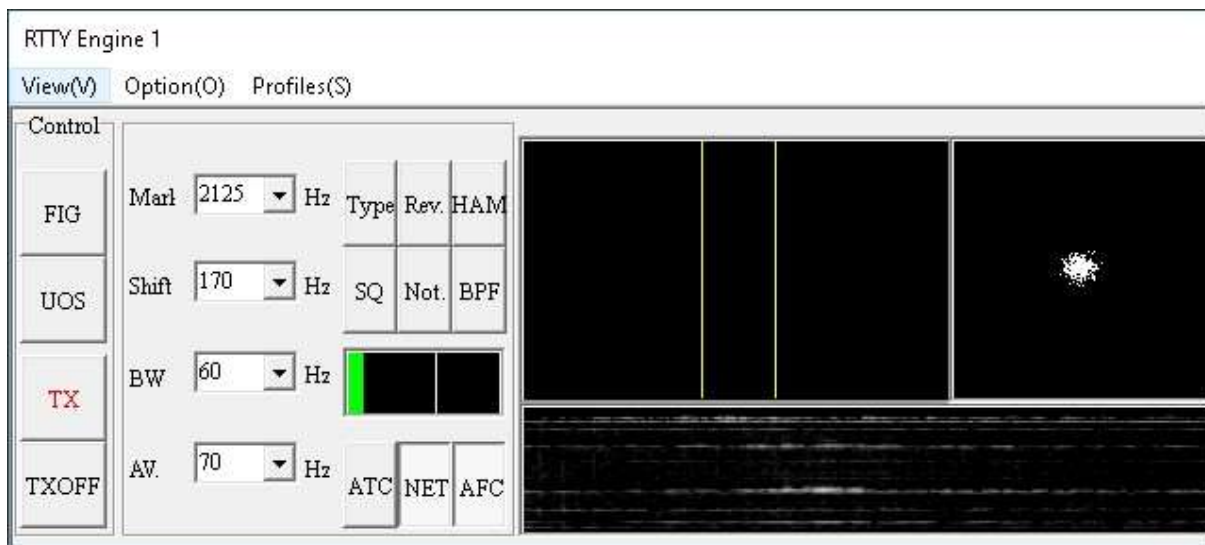
RTTY Engine 1

View() Status() Profile()

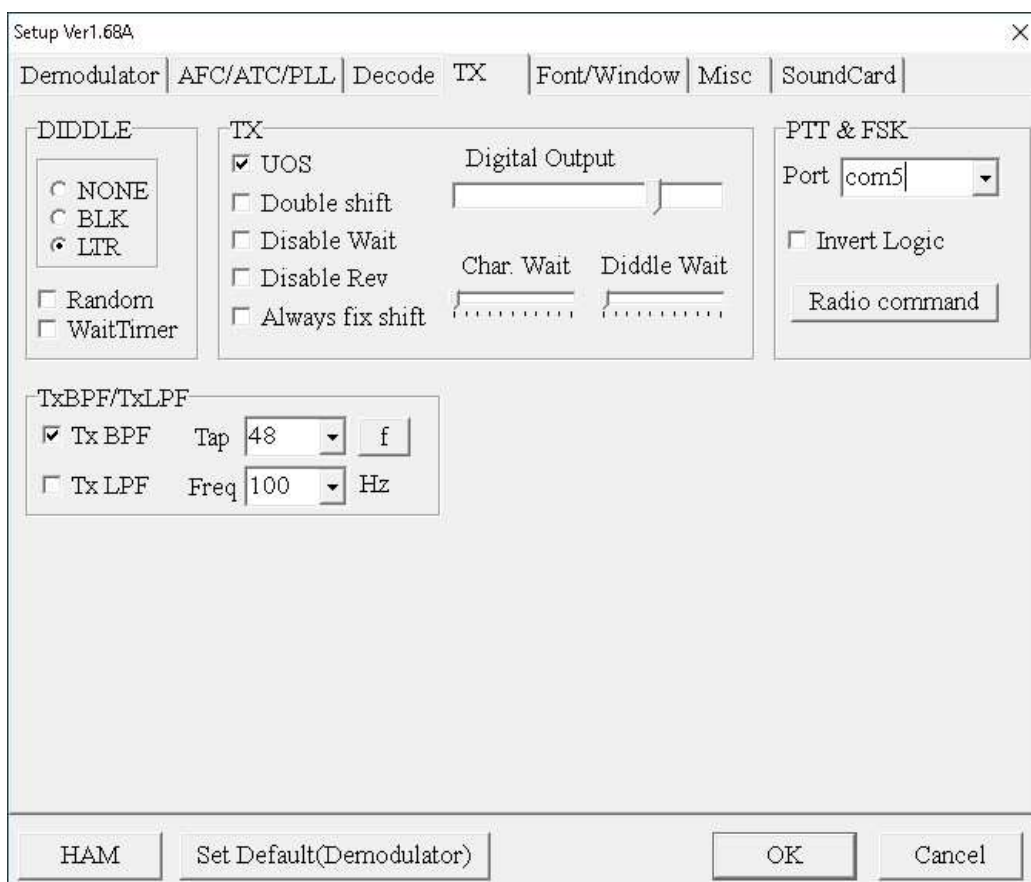
Send	Mod	0125	Hz	Type	Rev	RAM
UDS	Mod	170	Hz	3Q	Rev	8FF
TX	SW	80	Hz			
TXOFF	W	70	Hz	ATC	RET	AFC

Ca ID	ca call	Altan	TK	RM	HAM	AFC	REV
609	ca call	ca	6	ca bin	ca2c		





In the smaller window some settings need to be changed. Some of those are dependent on the transceiver and audio interface.





In <Options> one can go to the TX tab and set the COM port that is used for RTTY. Under “Misc” the setting “Sound-TxD (FSK)” Can be ticked. In the box “USB port” one needs to select “C: limiting speed”. In the last tab soundcard one can select the sound card to be used.

Setup Ver1.68A

Demodulator | AFC/ATC/PLL | Decode | TX | Font/Window | Misc | SoundCard

Sound Card

FIFO
RX 12 TX 4

Priority
 Normal Highest
 Higher Critical

Device Identifiers
RX -1 TX -1

Source
 Mono Right
 Left

Clock
11025 Hz Adj
0.00 Hz
Tx offset

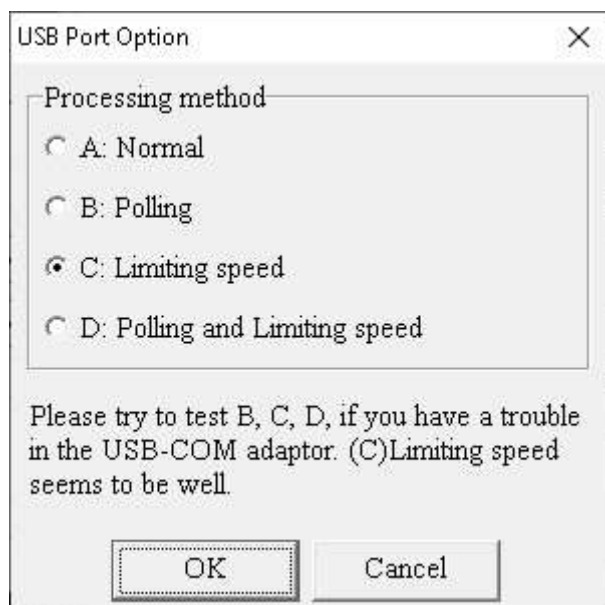
Sound loopback
 OFF
 Int.
 Ext. (SAT)

Tx Port
 Sound
 Sound + COM-TxD (FSK)
 COM-TxD(FSK) **USB Port**

System Font
Window Times New Roman Set 0
Fixed pitch Courier New Set 0
Japanese English

HAM Set Default(Demodulator) OK Cancel





Because there are lots of variations in amateur radio equipment, there is chance that some settings need to be altered to your configuration. One can find more information on internet for that, e.g. on:

<https://www.rttycontesting.com/tutorials/n1mm/plus/>

