MMTTY for FTDX101D/MP

10/3000D also for FT710 and FT991 and FT991A

But also for many other transceivers since the MMTTY setup is the same

MMTTY/TEXTFSK exemple & print screen by hb9oab@amsat.org

MENU setting with all setup for USB CABLE like config exemple on our site:

http://hb9oab.wlog2000.com (is my personal server then if PC online this is ready)

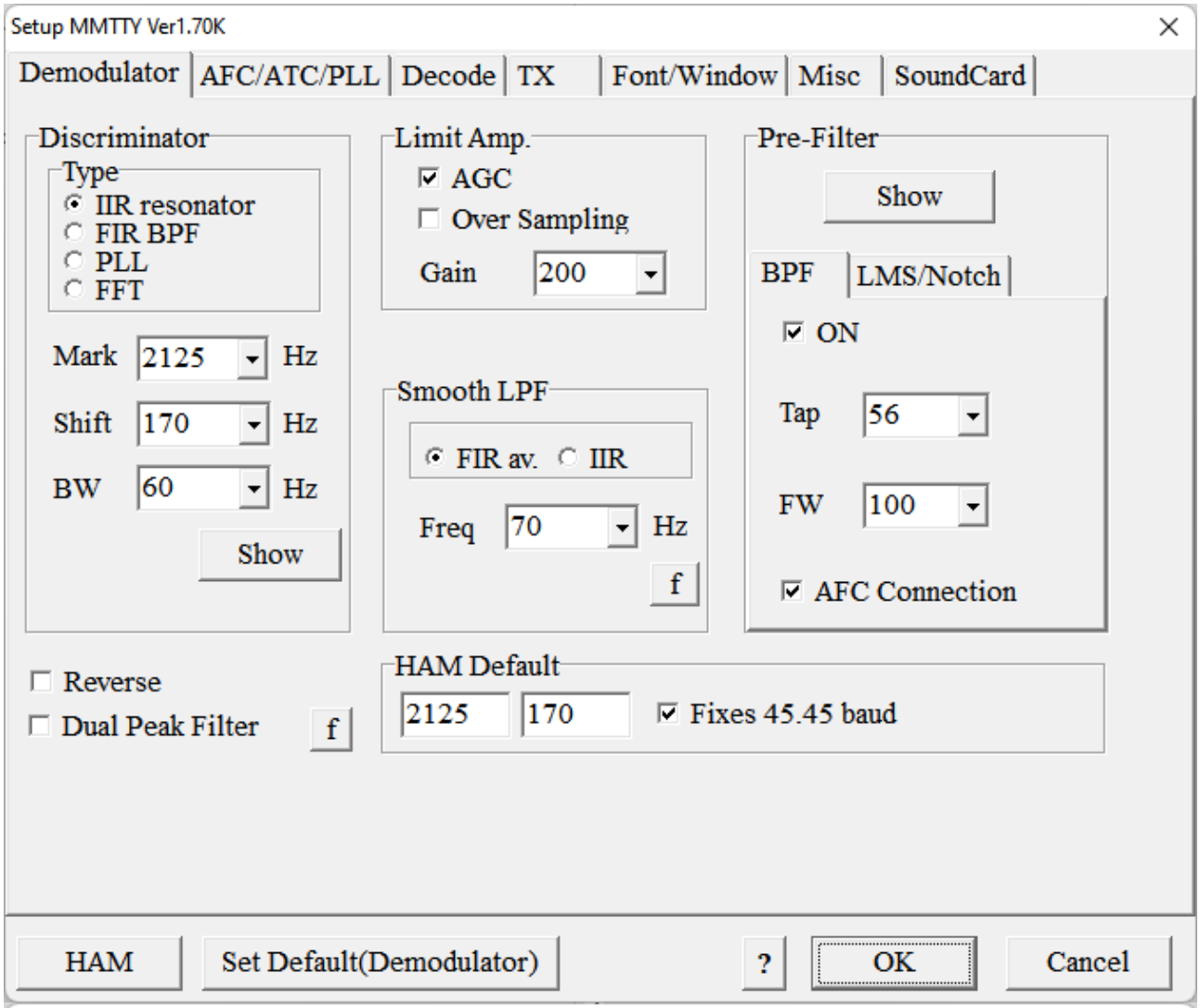
This MENU and MMTTY setup work RTTY FSK or AFSK without problem perfectly on all mode all band on radio setting as AM FM USB LSB DATA & RTTY indifferently. On RTTY mode (preferable) work FSK (key) on all other mode work with AFSK (audio)!

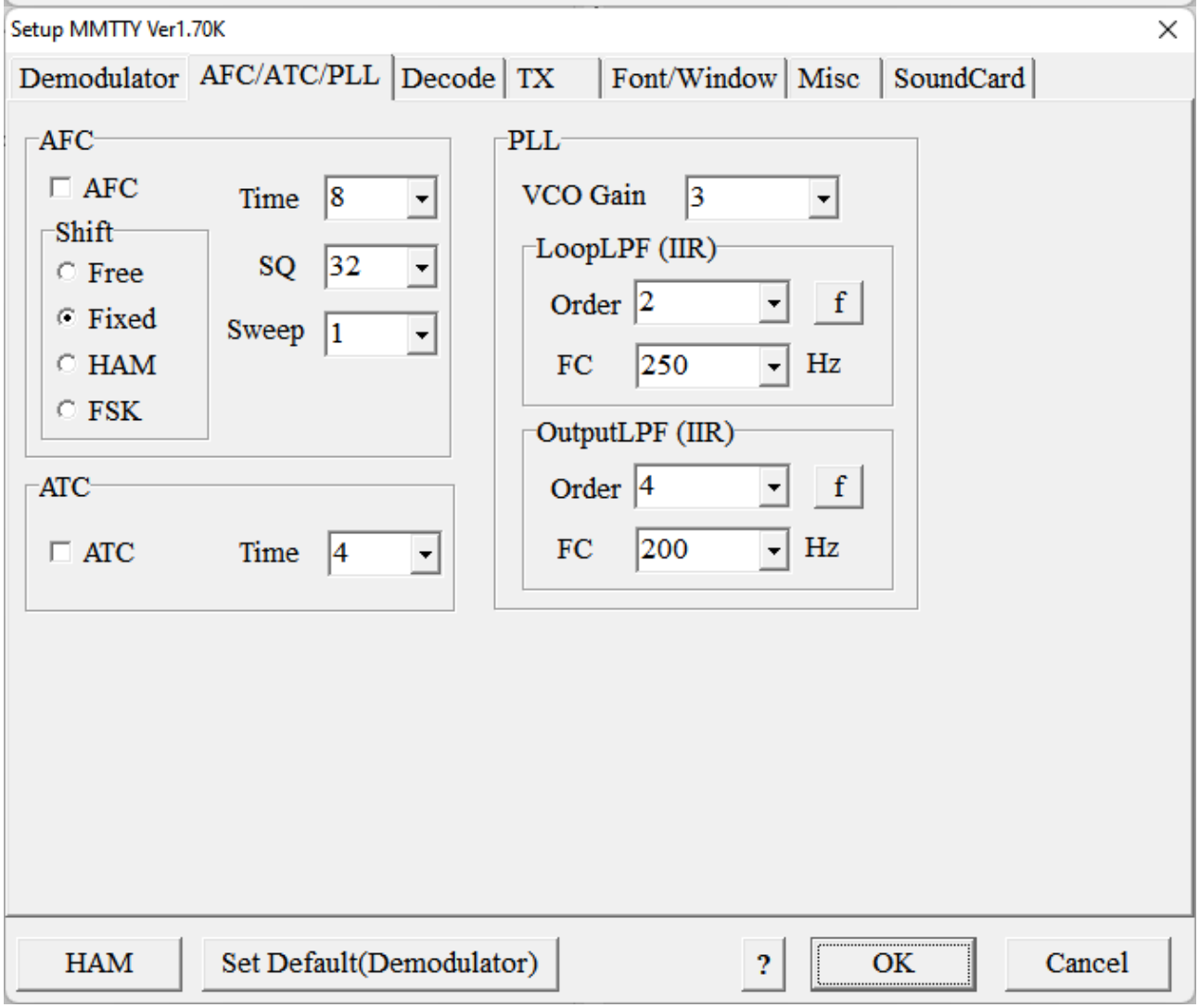
ATTENTION: Download first the EXTFSK.DLL for your PC from MMTTY site

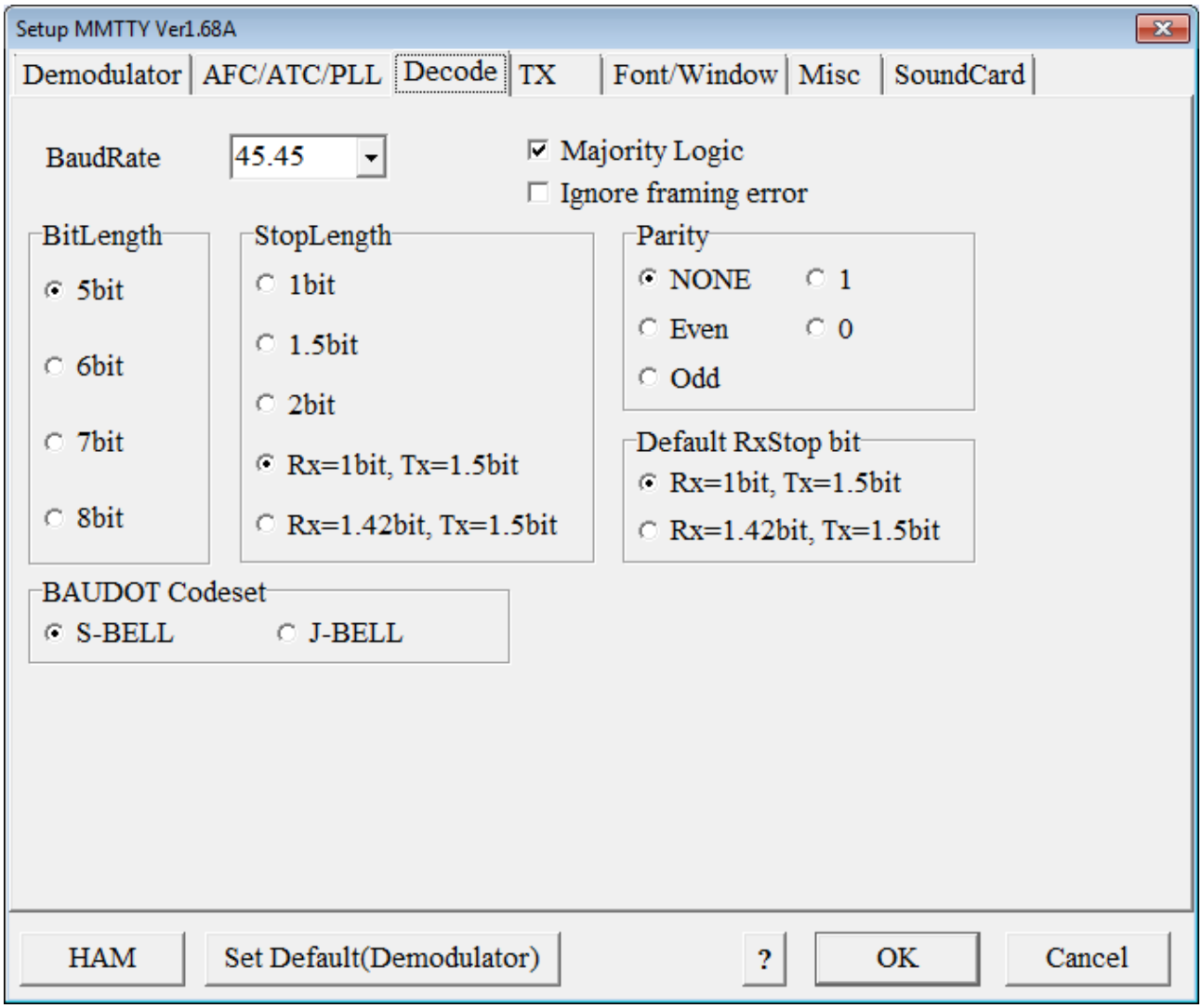
The original info about installation procedure is:
1) Place your EXTFSK.DLL in the same directory where MMTTY.EXE is installed.
2) Open the TX page of MMTTY Setup window. Select EXTFSK from the drop-down list of PTT port.
3) Open the Misc page and select Sound+Com TxD (FSK) or Com Txd (FSK) at the TX port pane.
4) Push USB button and select A: Normal.
You will have a small EXTFSK window popped up.
5) Select a COM or LPT port from the Port drop-down list. EXTFSK shows the status of the port that you have selected. If the status is NG, you should select another port.
6) Select the signals for FSK and PTT outputs.
7) To reverse the signal polarity, check Inv. FSK or Inv. PTT check boxes.
8) After setting the signal and polarity, you can push [...] button at the top right corner of the window to make it minimized.

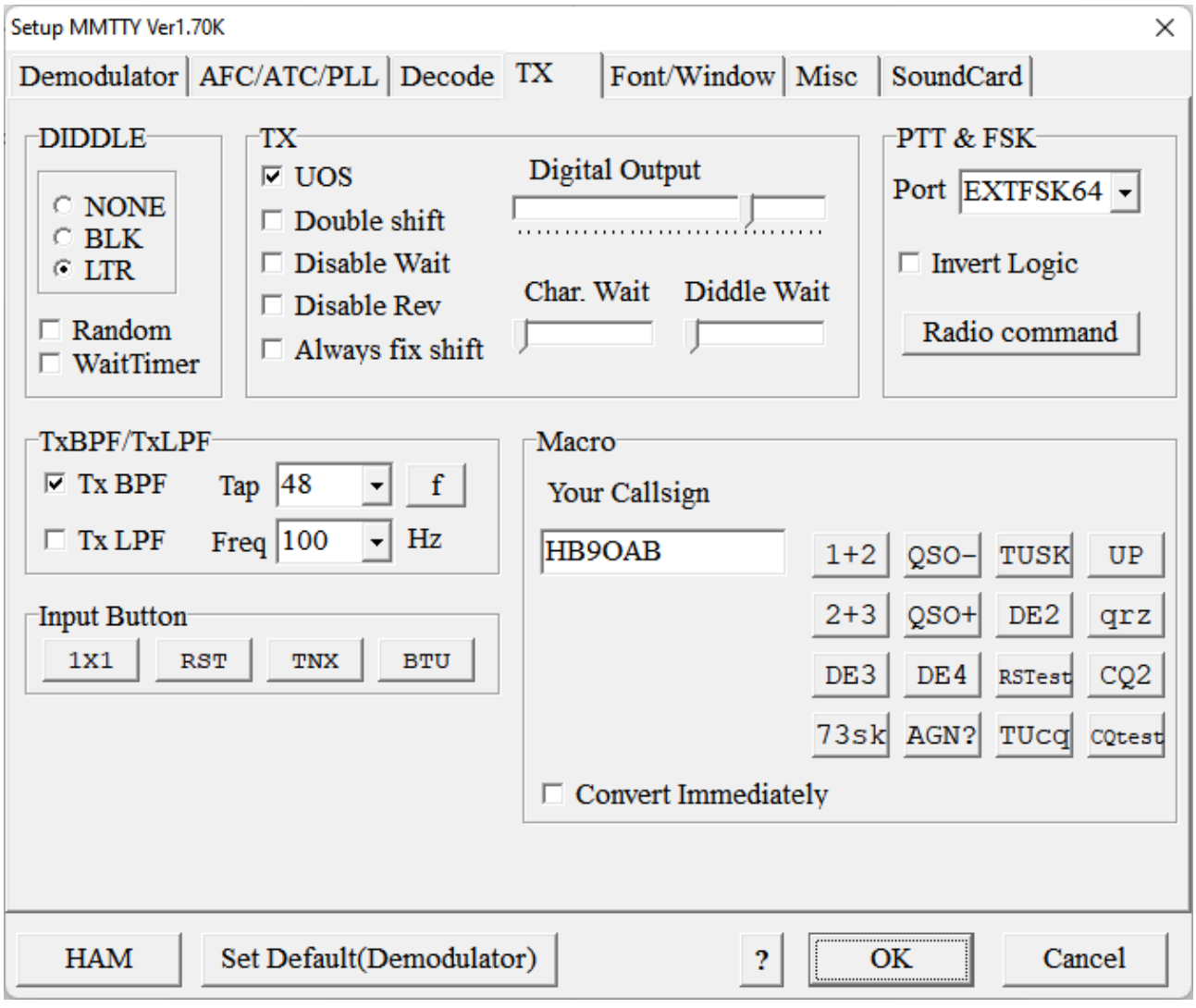
NOTE: With my special config, if I usue my transceiver in MODE DATA-U/L the MMTTY is in AFSK, if I set the transceiver in MODE RTTY-L/U the MMTTY is in FSK without any config/setup modification… whit the simple SETUP MMTTY at TX_PORT at SOUND+COM_TXD(FSK) and not only at COM_TXD(FSK)

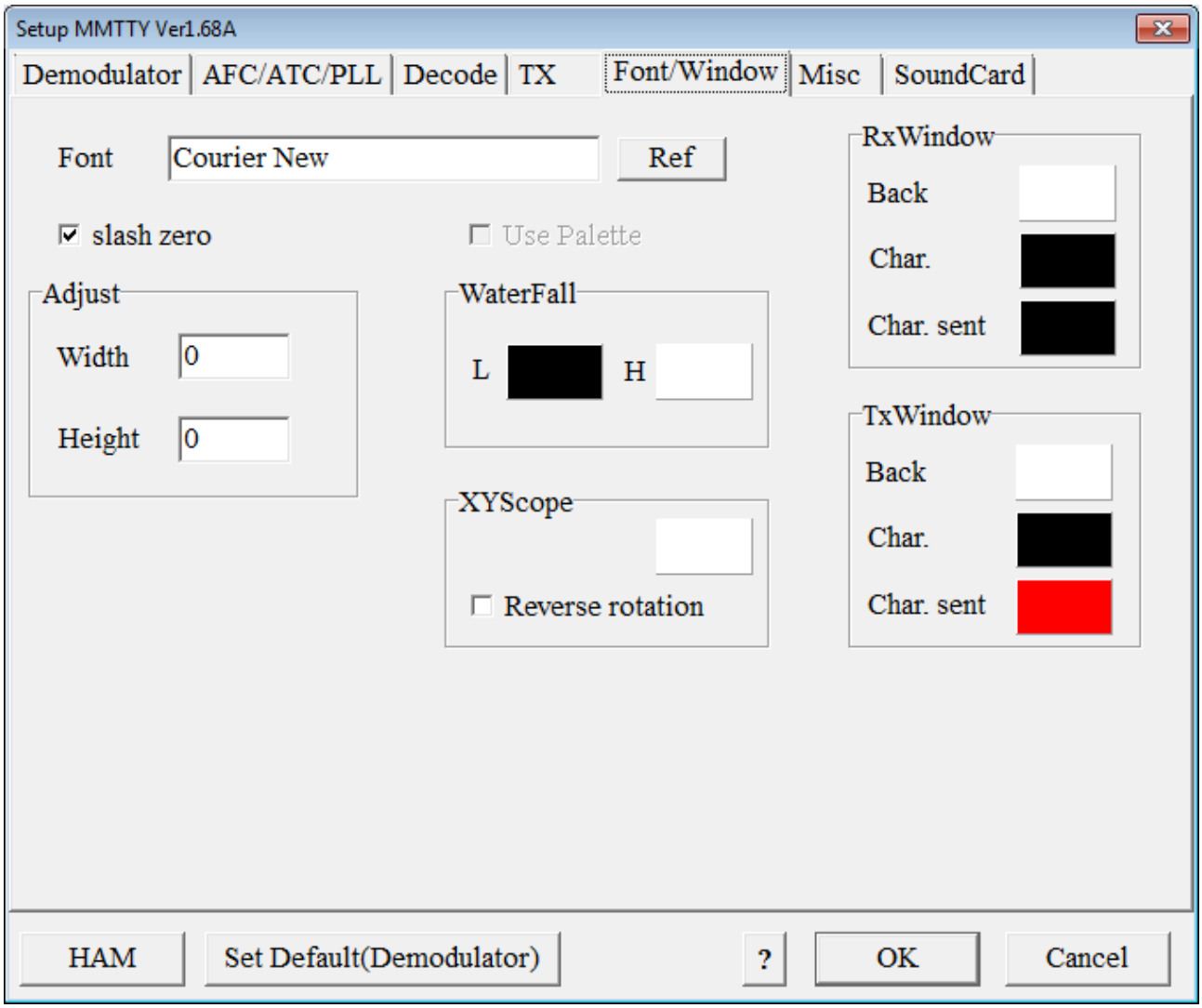
Here my full MMTTY WINDOWS SETUP:

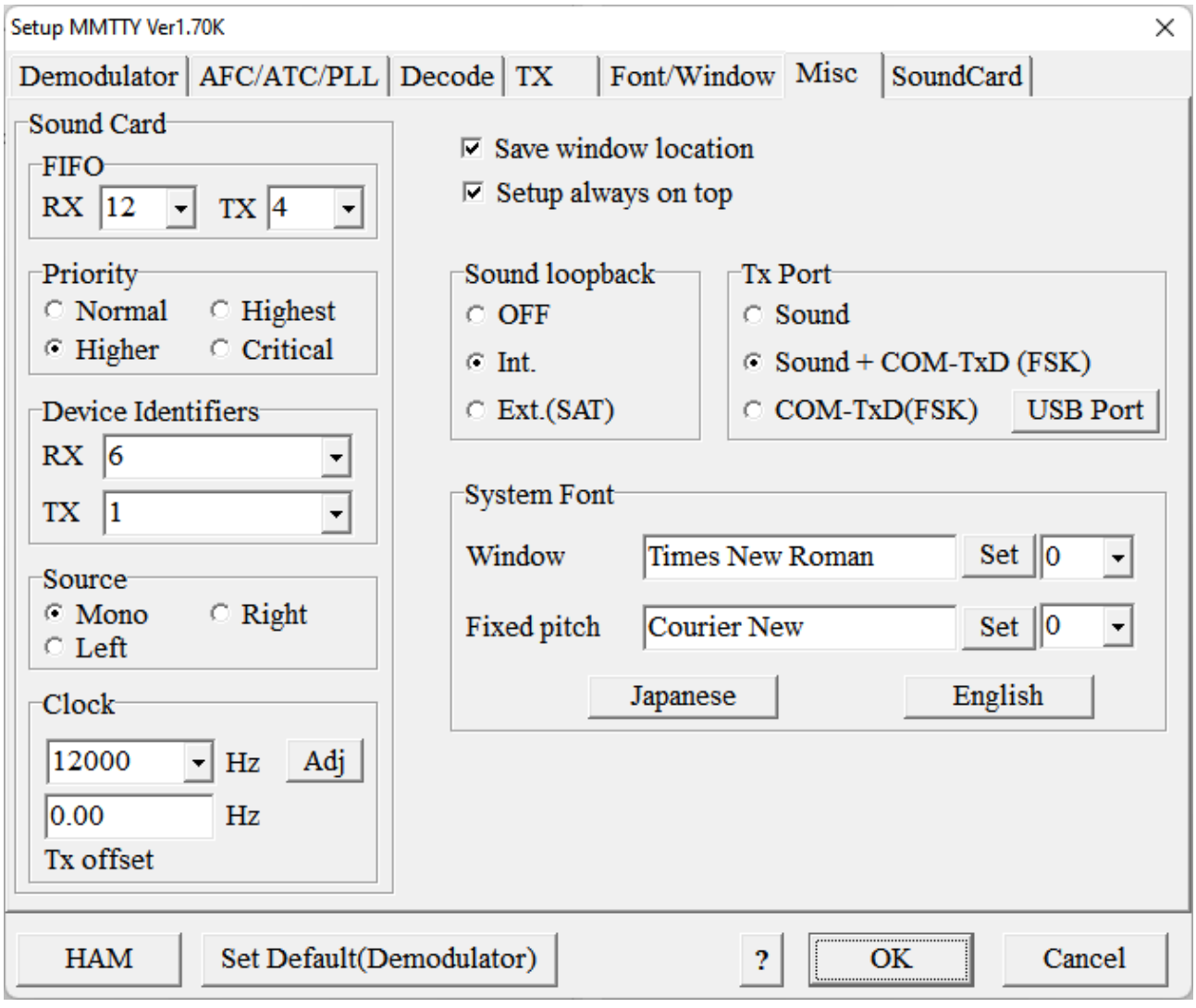

Setup MMTTY Ver1.70K
Demodulator
AFC/ATC/PLL
Decode
TX
Font/Window
Misc
SoundCard
Discriminator
Type
IIR resonator
FIR BPF
PLL
FFT
Mark 2125 Hz
Shift 170 Hz
BW 60 Hz
Show
Limit Amp.
AGC
Over Sampling
Gain 200
Smooth LPF
FIR av.
IIR
Freq 70 Hz
f
Pre-Filter
Show
BPF
LMS/Notch
ON
Tap 56
FW 100
AFC Connection
Reverse
Dual Peak Filter
f
HAM Default
2125
170
Fixes 45.45 baud
HAM
Set Default(Demodulator)
?
OK
Cancel

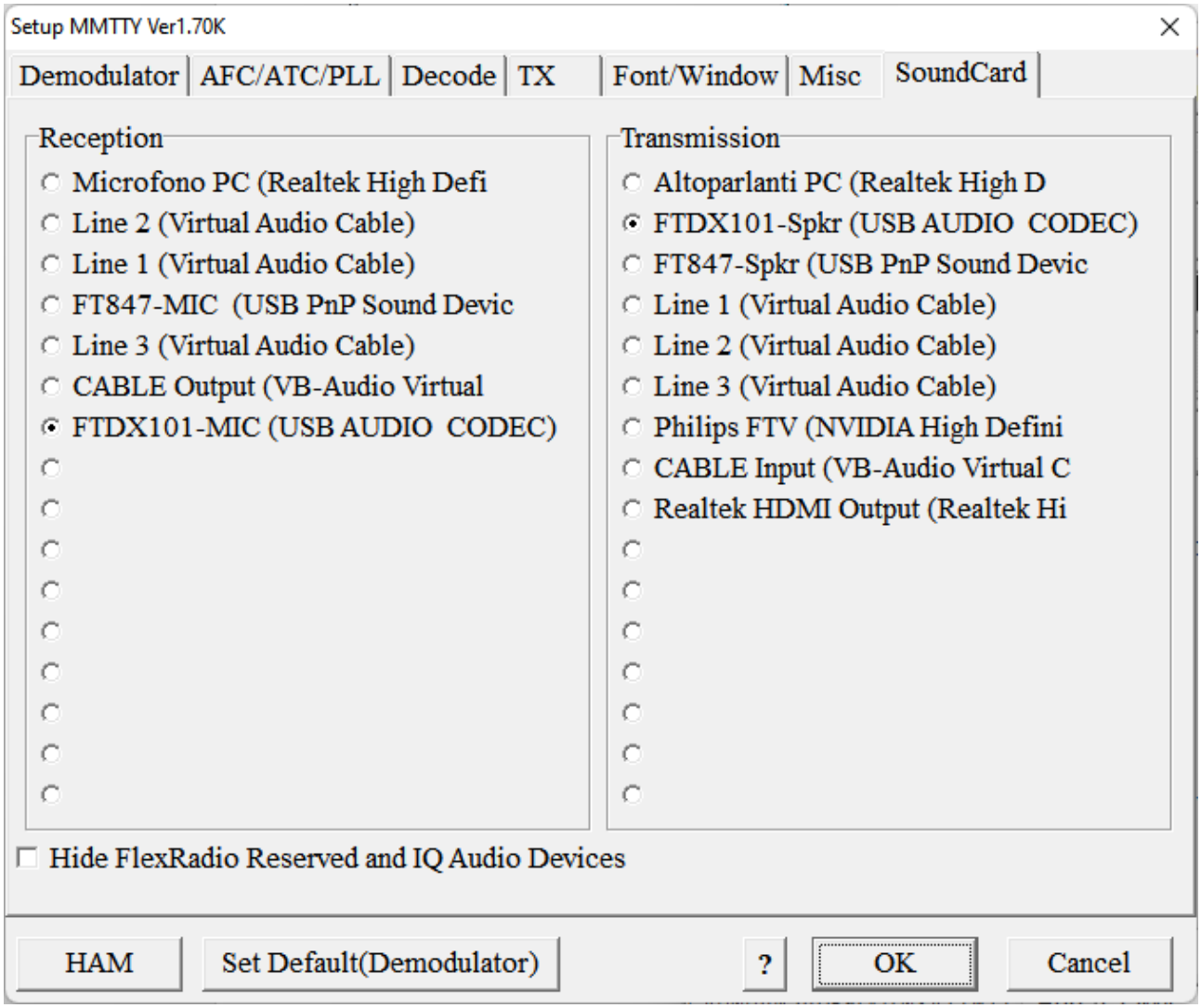

Setup MMTTY Ver1.70K
Demodulator
AFC/ATC/PLL
Decode
TX
Font/Window
Misc
SoundCard
AFC
AFC
Shift
Free
Fixed
HAM
FSK
Time 8
SQ 32
Sweep 1
ATC
ATC
Time 4
PLL
VCO Gain 3
LoopLPF (IIR)
Order 2
f
FC 250 Hz
OutputLPF (IIR)
Order 4
f
FC 200 Hz
HAM
Set Default(Demodulator)
?
OK
Cancel


Setup MMTTY Ver1.68A
Demodulator
AFC/ATC/PLL
Decode
TX
Font/Window
Misc
SoundCard
BaudRate
45.45
Majority Logic
Ignore framing error
BitLength
5bit
6bit
7bit
8bit
StopLength
1bit
1.5bit
2bit
Rx=1bit, Tx=1.5bit
Rx=1.42bit, Tx=1.5bit
Parity
NONE
1
Even
0
Odd
Default RxStop bit
Rx=1bit, Tx=1.5bit
Rx=1.42bit, Tx=1.5bit
BAUDOT Codeset
S-BELL
J-BELL
HAM
Set Default(Demodulator)
?
OK
Cancel

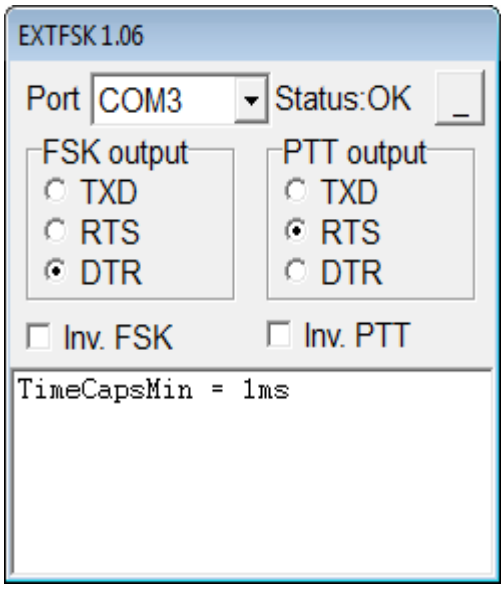

Setup MMTTY Ver1.70K
Demodulator
AFC/ATC/PLL
Decode
TX
Font/Window
Misc
SoundCard
DIDDLE
NONE
BLK
LTR
Random
WaitTimer
TX
UOS
Double shift
Disable Wait
Disable Rev
Always fix shift
Digital Output
Char. Wait
Diddle Wait
PTT & FSK
Port
EXTFSK64
Invert Logic
Radio command
TxBPF/TxLPF
Tx BPF
Tap
48
f
Tx LPF
Freq
100
Hz
Input Button
1X1
RST
TNX
BTU
Macro
Your Callsign
HB9OAB
1+2
QSO-
TUSK
UP
2+3
QSO+
DE2
qrz
DE3
DE4
RSTest
CQ2
73sk
AGN?
TUcq
CQtest
Convert Immediately
HAM
Set Default(Demodulator)
?
OK
Cancel

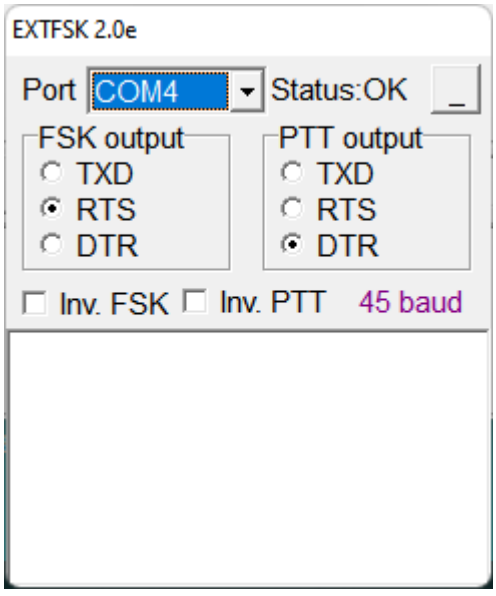

Setup MMTTY Ver1.68A
Demodulator
AFC/ATC/PLL
Decode
TX
Font/Window
Misc
SoundCard
Font
Courier New
Ref
slash zero
Use Palette
Adjust
Width
0
Height
0
WaterFall
L
H
XYScope
Reverse rotation
RxWindow
Back
Char.
Char. sent
TxWindow
Back
Char.
Char. sent
HAM
Set Default(Demodulator)
?
OK
Cancel


Setup MMTTY Ver1.70K
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
6
TX
1
Source
Mono
Right
Left
Clock
12000
Hz
Adj
0.00
Hz
Tx offset
Save window location
Setup always on top
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



With my FTDX3000d (set to your COM)





now with last release and FTDX101 setup

(set to your COM)

FSK and PTT RTS/DTR or DTR/RTS setup port dependig on your transceiver setup, either one or the other or reverse them…