USB Interface III and Logger32 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.
- 2. Assign a port for CW and PTT this must be the same port.

	Radio:	COM4	~		open 38400 8N1	•	
	CW:	COM5	~	DTR	closed	Þ	Test
	PTT:	COM5	~	RTS	closed		Test
			122			×.	
	SQL:	none	×	CIS		20	
		Radio: CW: PTT: SQL:	Radio: COM4 CW: COM5 PTT: COM5 SQL: none	Radio: COM4 CW: COM5 PTT: COM5 SQL: none	Radio: COM4 CW: COM5 DTR PTT: COM5 RTS SQL: none CTS	Radio: COM4 ♥ open 38400 8N1 CW: COM5 ♥ DTR closed PTT: COM5 ♥ RTS closed SQL: none ♥ CT5	Radio: COM4 open 38400 8N1 CW: COM5 DTR closed PTT: COM5 RTS closed SQL: none CTS

3. Save your settings to a preset by selecting menu **Preset | Save as.** Choose a position and name it Logger32.

Logger32 setup:

× Setup Radio 1 Comport : Com 4 Databits: 8 ٠ • Baudrate : 4800 ÷ StopBits : 2 ÷ Parity None Radio : Yaesu FT-2000 ÷ ÷ Data file : Polling interval (ms) : 1000 Set DTR high 「 Set RTS high Icom address (Hex) : 00 ✓ Use narrow CW filter θK. Show Radio Debug Window

- 5. Click the CW icon to open the CW machine
- 6. Select Config | Software
- 7. Select Config | Keyer Setup
- 8. Select the Serial Port you set for CW in Router's Ports tab
- 9. Select "Use dedicated serial port for CW"
- 10. Select "PTT on selected port" unless you prefer QSK CW.
- 11. Click "Apply"



17. Check "MMTTY FSK on USB Port"!

18. Click "OK" to save

1. Click Setup | Radio | Radio 1 configuration ...

- 2. Select the virtual COM port you used for control in Router's Ports tab
- 3. Select the Baud Rate, Parity, Databits, Parity, and Stop Bits settings required by your radio.
- 4. Uncheck "Set DTR high" and "set RTS high"

Com port Comm5	PTT on selected port
Parallel port address &H378	Use parallel port for CW
Tx delay (in ms) 100	Use shared serial port for CW 🔽 Use dedicated serial port for CW 🔽
A word space = 7 dots.	1 1 1
WARDER TO THE PROPERTY AND	The second
A letter space = 3 dots.	🚊 Keving speed 20 WPM.
A letter space = 3 dots. A dash = 3 dots.	 Keving speed 20 WPM. Slow typing Disable radio polling when kevin
A letter space = 3 dots. A dash = 3 dots.	 Keving speed 20 WPM. Slow typing Disable radio polling when kevin Tone
A letter space = 3 dots. A dash = 3 dots.	 Keying speed 20 WPM. Slow typing Disable radio polling when keyin Tone

- 12. Click on the Speaker icon to open the Soundcard Data Window
- 13. Click Settings | Radio PTT options
- 14. Select the Serial Port you chose for CW and PTT on Router's Ports tab
- 15. Select RTS Keying only
- 16. Select PTT by Serial Port

19. Click on Mode | MMTTY Engine | Standard RTTY (170Hz)

20. Click on the Wrench icon to Open MMTTY Setup

Setup	21. Choose the Misc Tab.
Demodulator AFC/ATC/PLL Decode TX Misc	
Sound Card FIFO	22. Select Source Mono
Priority Sound loopback Tx Port	23. Set Clock 11025
C Normal C Highest C OFF C Sound © Higher C Critical © Int. C Sound + COM-TxD (FSK) Device ID 1 • C Ext. (SAT) • COM-TxD(FSK)	24. Select the sound card Device ID
Source • Mono C Right C Left Clock	To obtain the Device ID, click Get ID button on Router's Audio Mixer tab.
Tx offset 0.00 Hz	25. Select COM-TxD (FSK) for the TX Port.
HAM Set Default(Demodulator) OK Cancel	

- 26. Select the EXTFSK window (it may be minimized to the taskbar)
- 27. Set the serial port that you selected for CW and PTT on Router's Ports tab
- 28. Set FSK output to DTR
- 29. Set PTT output to RTS.

Port COM5	• Status:OK
FSK output C TXD C RTS C DTR	PTT output C TXD C RTS C DTR
T Inv. FSK	□ Inv. PTT