# Remote Hams Client Settings with N1MM+ Contest Logging Program

### **Reference Document**

1/14/2018

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### Notes

#### **COM Ports**

The COM ports selected were as assigned by the computer during hardware initiation. These will need to match the ones your computer assigns accordingly.

#### **Hardware Configurations**

WinKeyer connected to my computer's COM1 USB port.
Remote Hams Client Using Virtual K3 on COM5
Remote Hams Client Using External PTT and CW on COM16
Remote Hams Client Using ORB Control Device (for audio sound card) on COM9

#### Software Used

N1MM+ Contest Logging Program RemoteHams Client for remote server control

#### **CW Functions**

I can send messages via

- 1) N1MM+ macro
- 2) Twin paddle key into WinKeyer
- 3) RemoteHams Client macro

#### **REMOTE HAMS CLIENT SCREENS**

### External PTT Setup Ports External CW Setup Ports

VOL	MIC = 🖓 🗢 🤤			К5РА - а	n MTA Club Station
Audio	Control Devices	Virtual Devices	s Layo	ut	
				NFIG COM16	
Secraft K3-Remote	ORB Control Device	External PT		External CW	· External CAT ·
I and the	and the second		an i the defense of a 1	for the local data	M
	Virbual Devices	ayout COM 16 COM 16 CO	HEF COMP COMPTIG		
			Virtual Devices ON CONFIG COM16 External PTT	Layout ON CONFIG CO	CONFIG COM9 V Serial Port COM16
			) seconds.	<b>1.056</b> .	KEY CTS DSR DCD None Use RTS as Power

#### **REMOTE HAMS CLIENT SCREENS**

### Virtual Device Setup I Chose COM5 as Available Must Match N1MM+ Setting for K3



#### N1MM+ LOGGER SCREENS

## Click Config Then Configure Ports...

<u>F</u> ile <u>E</u> dit <u>V</u> iew Tools <u>Config</u> Wi <u>n</u> dow H	
	leip
CW PH Class	s Section
NI Configure	×
Hardware Function Keys Digital Modes Other Winkey Port Radio Digi CW/Other COM5  Elecraft K3  V	Mode Control       Antennas       Score Reporting       Broadcast Data         Details       Image: Solv       Solv       Solv         Set       38400,N,8,1,DTR=Always       Off,RTS=Always       Off,Tx:
None        None        None        None        None        None        None        None	Set Set M Com5
None     None     Image: Constraint of the second s	Speed       Parity       DataBits       Stop Bits         38400       N       8       1       •         DTR (pin 4)       RTS (pin 7)       Radio Nr       1       •         Always Off       Always Off       1       •       •       •         PTT Delay (msec)       Image: Command SSB Mode       Image: Command SSB Mode       •       •       •
	PTT via Radio Command CW Mode     Allow ext interrupts     PTT via Radio Command Digital Mode     Two Radio Protocol FootSwitch (pin 6)     None     None     Radio Polling Rate     Normal
OK Cancel	Suggested Elecraft K3 Settings: 19200 - 38400, N, 8, 1, Always Off, Always Off Help

#### N1MM+ LOGGER SCREENS

### **Click Hardware**

M Configu	rer														×
							_								
Hardware	Functi	on Keys	Digital Mo	des	Other	Winkey	Mode Co	ntrol	Antenna	as Sci	ore Rep	orting	Broadcas	st Data	
- Port		Radio		Di	igi — C\	N/Other	Details			۲	S01V	(	S02V	0	SO2R
COM5	•	Elecrat	ft K3	-		/	Set	]	38	400,N,8	3,1,DTR=	Alwa	ys Off,RTS	=Alwa	ys Off,Tx:
None	•	None		-			Set	j							
None	•	None		-		"	Set								
None	•	None		-		"	Set								
None	•	None				_	Set								
None	•	None					Set								
None	•	Elecrat	ft K3	-			Set								
COM1	•	None		<b>-</b>			Set		TO	R=Alw	ays On,	RTS=A	Always Off	,Tx=1	
LPT1							Set								
LPI2							Set								
LPT3							Set	M (	Comi						<u> </u>
								DT Alv PT 20	R (pin 4) ways On T Delay Allow e:	(msec) xt interr	RTS (pi Always	in 7) s Off	•		VFO Nr
			01	ĸ		Cancel		Tw	WinKey ro Radio I ine	Protoco	I Foo Non	tSwitc ie	h (pin 6)		
									Help					OK	Cancel

#### N1MM+ LOGGER SCREENS

### Click WinKey Tab

Hardware	Function Keys	Digital Modes	Other	Winkey	Mode Control	Antennas	Score Reporting	Broadcast Data			
Iambic B       Keying Mode       Autospace         Pot is wired with two leads       Winkey       Winkey 2/3       Winkey Lite         PTT       Pin 5 Function       Sidetone       Use 2nd Output       For WKLite, J1 tip is set to CW, ring is set to PTT         625       Sidetone Frequency       Paddle only sidetone       Paddle only sidetone       PTT         Reverse Paddles       Paddle only sidetone       Use Winkey Speed Pot       Use Winkey Speed Pot       Use Winkey Speed Pot         Use Winkey Speed Pot       Use Winkey Speed Pot for Paddle and Keyboard CW Only       0       Lead Time (0-250) x 10         0       Tail Time (0-250) x 10 msec       Tail Time (0-250) x 10 msec       Tail Time (0-250) x 10 msec											
0	First Character Extension (0-250) in msec										
0	Keying Com	pensation (0-25	0) in mse	ec							
1.00 V Hang Time											
OK Cancel <u>H</u> elp											