DigiKeyer II and MixW setup

Router setup:

<u>Note:</u> The specific port numbers are not important. 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 FSK. If your radio does not support FSK you can skip this step.
- 3. Do not assign a port for WinKey. The WinKey implementation in MixW is broken and will not work properly with microHAM Router.
- 4. Assign a port for CW and PTT

18. 12 1 0M4 ▼ one ▼ 0M6 ▼ ♥	D 2D C open 19200 8N2 PTT closed	Icom IC-706 MkII-G W Set
18. 12 0M4 ▼ one ▼ 0M6 ▼ ♥	open 19200 8N2 PTT closed	Icom IC-706 MkII-G W Set
IB. I2 1 0M4 ▼ 0Ne ▼	open 19200 8N2	W Set
0M4 ▼ one ▼ 0M6 ▼ 🖉	open 19200 8N2 PTT closed	Set Set
one • OM6 • 🔽	PTT closed	45
0M6 🔹	PTT closed	
1		Test
one 🔻 🔽	PTT	invert strict has
OM5 👻 DT	R 🔻 open	Test
OM5 👻 RT	S 🔻 open	▶ Test
one 👻	s 👻	b
one 🔹 CT	s 🔹	1 🕅 invert
one 🔻 CT	s 🔹	🖣 📄 invert
one 🔻		Iest Mon
one 🔻		♦ ▶ Mon
or	ie 🔻	ie 🔻

- 5. On the **Keying tab** check PA PTT and/or LNA PTT as appropriate to your hardware.
- 5. Save settings to a preset by selecting menu **Preset | Save as.** Choose a position and name it MixW.

MixW setup:

CAT ICOM Model IC-706	MKIIG]]		OK Cancel
- РТТ & CAT Inte	inface	Deta	ails	Disabled
 <u>S</u> ave frequen	cy on exit	□ Dis	splay zero be	eat freque
PTT via CAT	command		Cat correct	ion (Hz)-
CW via CAT (command		Global	0
CW out <u>v</u> ia so	oundcard		Ciobai	
CW is LSB		USB	0	
	AFSK in place of FSK			0
AFSK in place				
■ AFSK in place DIG (Yaesu) is	LSB -]	CW	0
TAFSK in place DIG (Yaesu) is CW pitch	LSB	Hz	CW Digi	0
AFSK in place DIG (Yaesu) is CW gitch FSK center fq	LSB -	Hz Hz	CW Digi	0

6. Select RTS for PTT and DTR for CW

Port	COM6 *	•	[OK Clo
Baud rate	1200	~		Cancel
Data bits		~		
Parity	None	*	🔲 Echo	
Stop bits	1.5	~	🔲 Disable	device
RTS	PTT	•		
DTR	Always Off	-	Hardwa	re flow control

1. Click Configure | TRCVR CAT/PTT

- 2. Select your radio and configure the radio specific mode settings.
- 3. Click on the **Details** button and select the same virtual serial port you assigned for Control on Router's Ports tab.

4. Click Configure | Secondary PTT Port | Port Settings

5. Select the same virtual port you specified for CW and PTT on Router's Ports tab

Port	COM5 *	-		OK
Baud rate	9600	•		Cancel
Data bits	8	•		
Parity	None	•	Echo	
Stop bits	1	•	🔲 Disable	device
RTS	PTT	•		
DTR	Icw	-	□ Hardwar	a flow contro

- 7. Click Configure | FSK Port | Port Settings
- 8. Select the same virtual port you specified for FSK on Router's Ports Tab
- 9. Select RTS for PTT