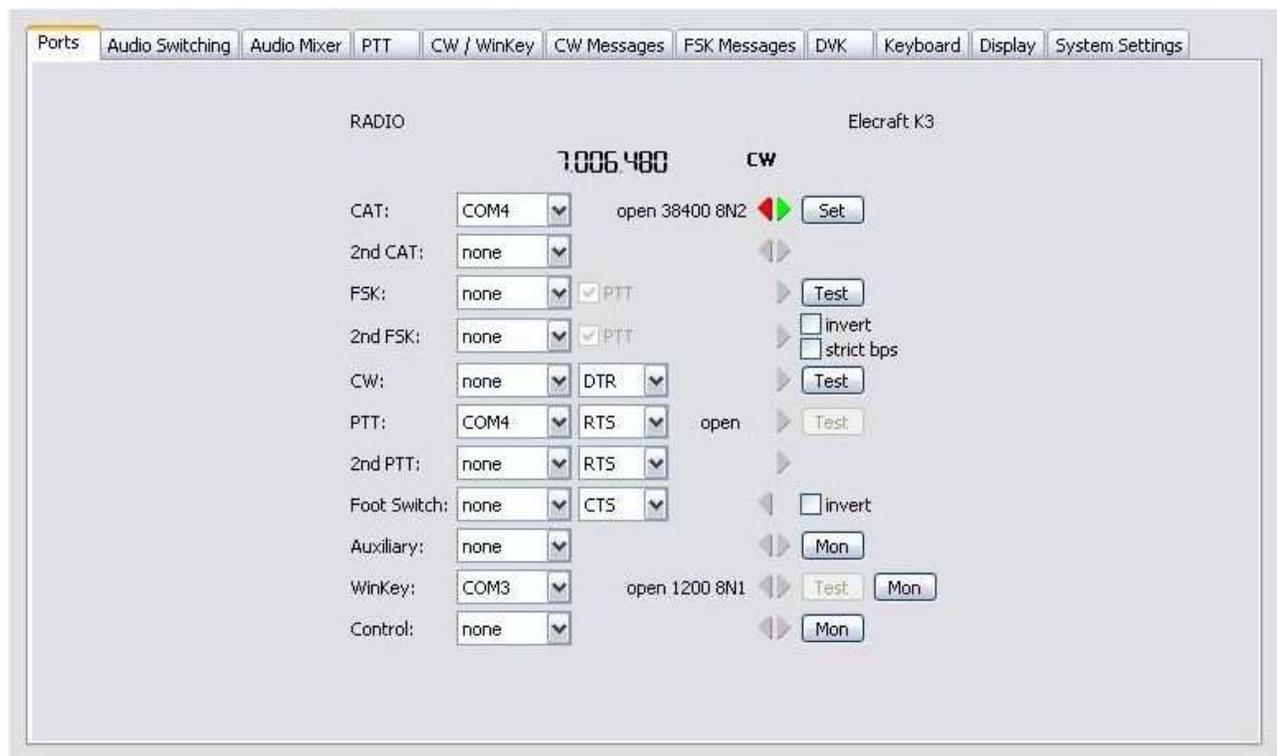


# microKEYER II and Ham Radio Deluxe with DM780 setup

## **Router setup:**

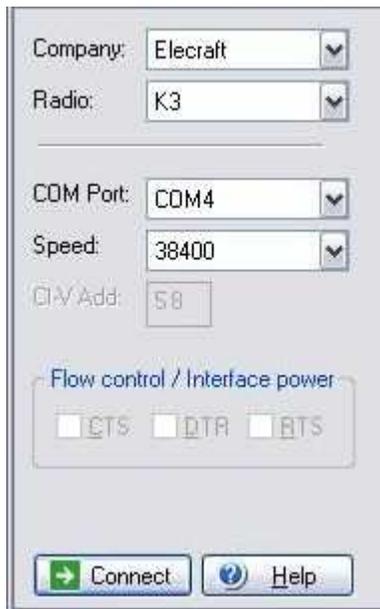
**Note: The specific port numbers do not matter. The key is consistency - the same port number must be used for each function every time it is used.**

1. Assign the radio control virtual COM port.
2. Assign RTS for PTT on the same port as CAT. This will be used for PTT by HRD.
3. Assign a port for WinKey.
4. Do not set a port for FSK – Ham Radio Deluxe and DM780 do not support FSK



5. On the PTT tab set PTT output and modes as appropriate for your station and operation.
6. Save settings to a preset by selecting menu **Preset | Save as**. Choose a position and name it HRD/DM780.

## Ham Radio Deluxe setup:

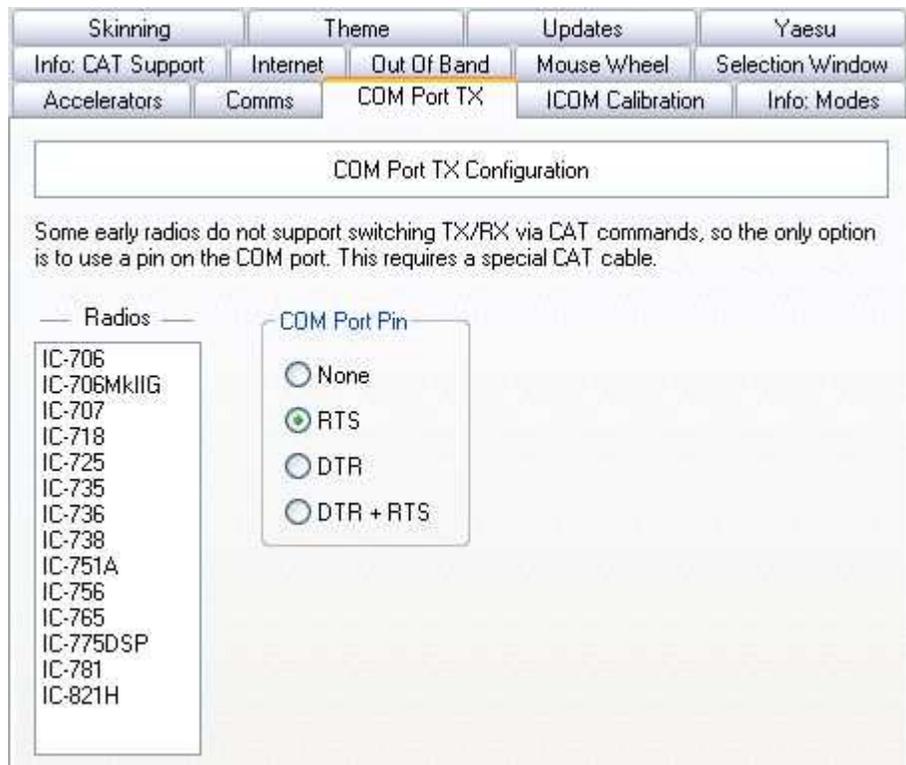


Company: Elecraft  
Radio: K3  
COM Port: COM4  
Speed: 38400  
GV Add: 58

Flow control / Interface power  
 RTS  DTR  RTS

[Connect](#) [Help](#)

1. Select your transceiver manufacturer and model.
2. Select the virtual port you set for CAT in Router.
3. Set the data rate for your transceiver's CAT connection.
4. Click "Connect"
5. Select "Options | COM Port TX"
6. Set COM Port Pin to RTS



Skinning	Theme	Updates	Yaesu
Info: CAT Support	Internet	Out Of Band	Mouse Wheel
Accelerators	Comms	COM Port TX	Selection Window
		ICOM Calibration	Info: Modes

COM Port TX Configuration

Some early radios do not support switching TX/RX via CAT commands, so the only option is to use a pin on the COM port. This requires a special CAT cable.

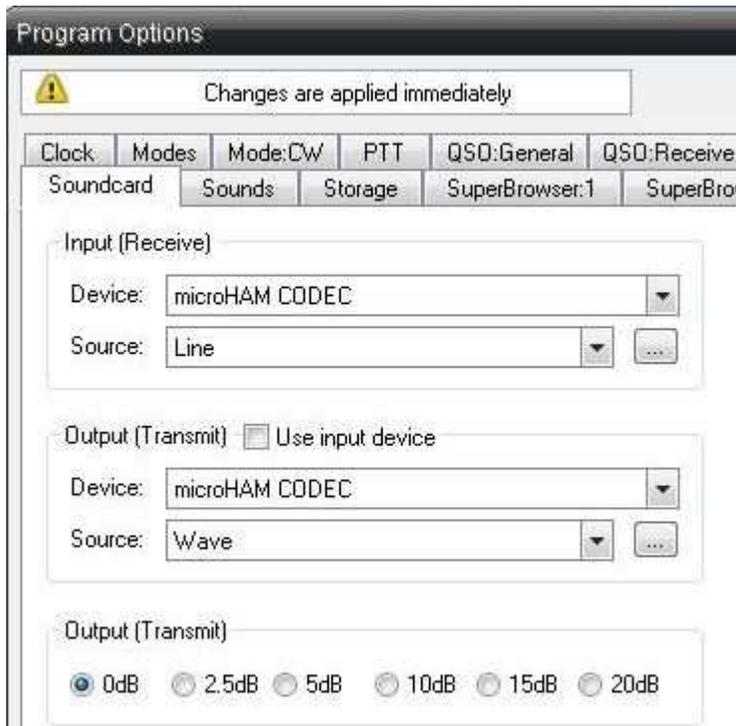
— Radios —

- IC-706
- IC-706MkIIIG
- IC-707
- IC-718
- IC-725
- IC-735
- IC-736
- IC-738
- IC-751A
- IC-756
- IC-765
- IC-775DSP
- IC-781
- IC-821H

COM Port Pin

- None
- RTS
- DTR
- DTR + RTS

## DM 780 setup:

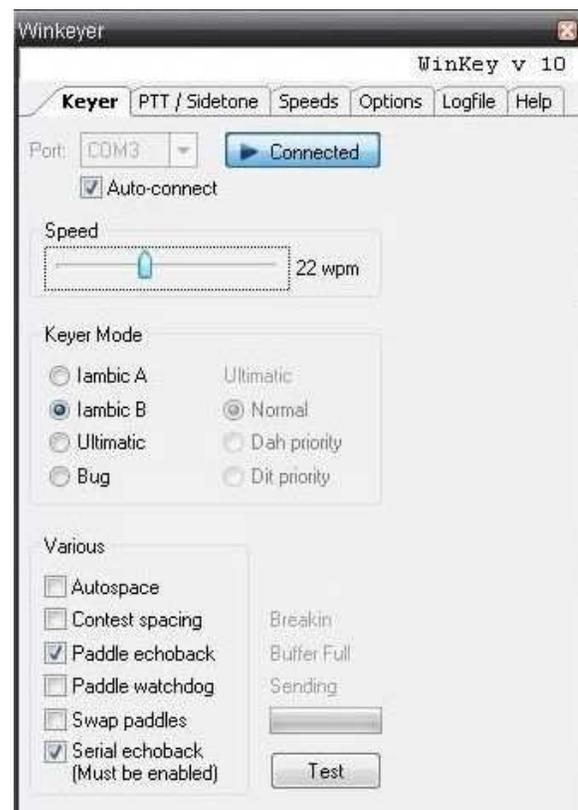
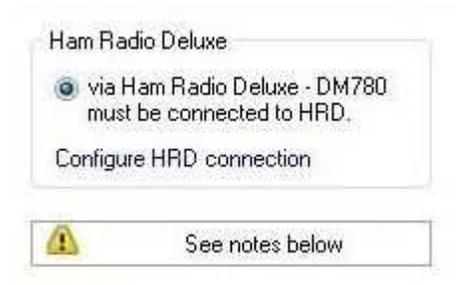


1. Start DM780
2. Select Soundcard | Options
3. Set the Input (Receive) device to microHAM CODEC
4. Set the Output (Transmit) device microHAM CODEC
5. Set the Output (Transmit) level to 0 dB.

6. Select "CW (WinKey)" mode
7. Set the port you selected for WinKey in Router and click "Connect"

**Note:** The Keyer Mode and miscellaneous settings - including those settings on the Options and PTT/Sidetone tabs – are controlled by the settings in Router's CW/WinKey and PTT tabs. Choose your miscellaneous settings in Router.

8. Select Options | PTT tab



9. Choose "via Ham Radio Deluxe"