

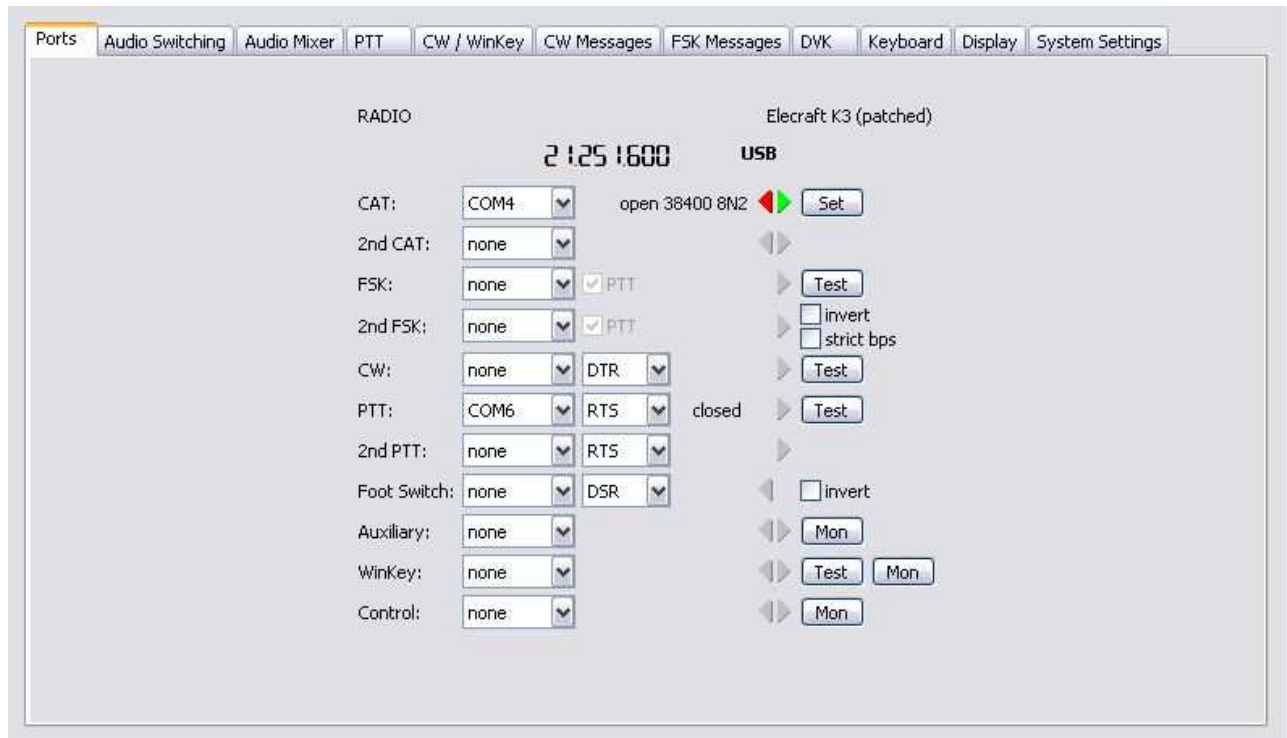
# microKEYER II and AirLink Express Setup

## **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.

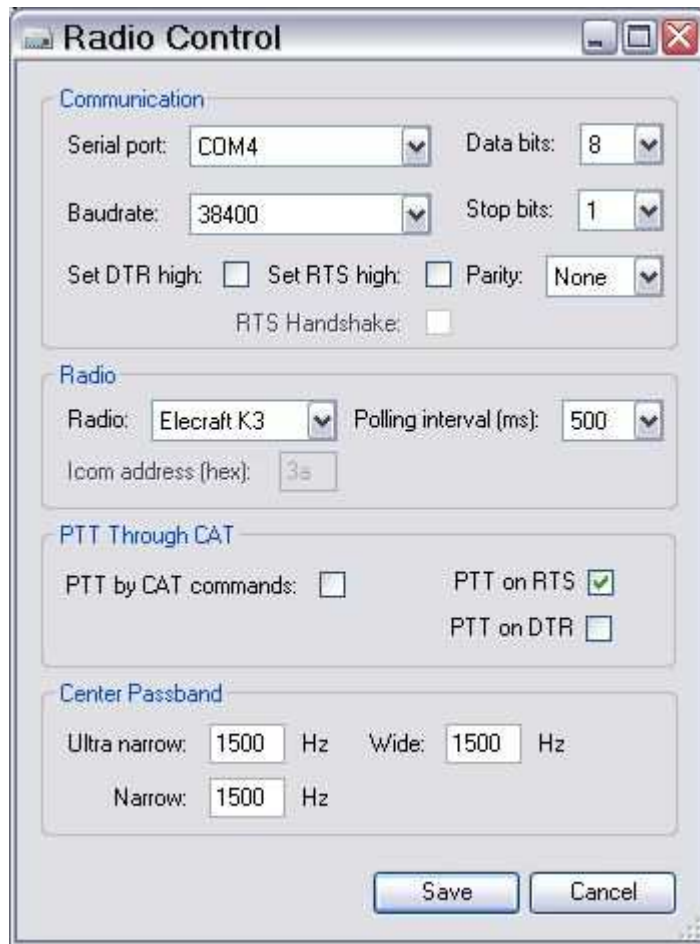
1. Assign a port for radio control and PTT.

**Note: the FSK implementation in AirLink Express is not compatible with the UART in *microKEYER II*. AirLink Express does not support CW.**



2. On the **PTT** tab, select **PTT1** for voice, **PTT1 or QSK** for CW, and **PTT2** for FSK/DIGITAL.
3. Save settings to a preset by selecting menu **Preset | Save as**. Choose a position and name it AirLink.

## AirLink Express setup:



The **Radio Control** dialog box is divided into four sections: **Communication**, **Radio**, **PTT Through CAT**, and **Center Passband**. In the **Communication** section, the Serial port is set to COM4, Data bits to 8, Baudrate to 38400, Stop bits to 1, Parity to None, and RTS Handshake is unchecked. In the **Radio** section, the Radio is set to Elecraft K3, Polling interval (ms) is 500, and Icom address (hex) is 3s. In the **PTT Through CAT** section, PTT by CAT commands is unchecked, PTT on RTS is checked, and PTT on DTR is unchecked. In the **Center Passband** section, Ultra narrow, Wide, and Narrow are all set to 1500 Hz. At the bottom are Save and Cancel buttons.

1. Click **Setup | Radio Control ...**

2. Set the serial port you selected for CAT in Router and configure the Communication parameters required by your transceiver.

3. Set your transceiver (Radio) type.

4. Check PTT on RTS

***DO NOT*** check "PTT by CAT commands"

5. Set the center (optimum) frequency for your operation.

6. Click Save.

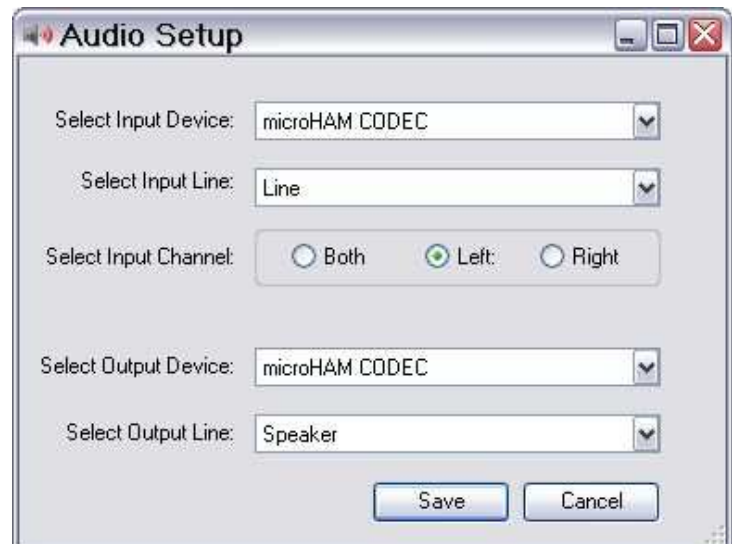
7. Click **Setup | Audio Setup ...**

8. Select "microHAM CODEC" as the Input Device

9. Select Line as the the Input Line and Left Channel.

10. Select "microHAM CODEC" as the Output device and Speaker as the Output Line.

11. Click Save.



The **Audio Setup** dialog box contains settings for input and output. Select Input Device is microHAM CODEC, Select Input Line is Line, and Select Input Channel has Left selected (radio buttons for Both, Left, Right). Select Output Device is microHAM CODEC and Select Output Line is Speaker. At the bottom are Save and Cancel buttons.