

DigiKeyer 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.

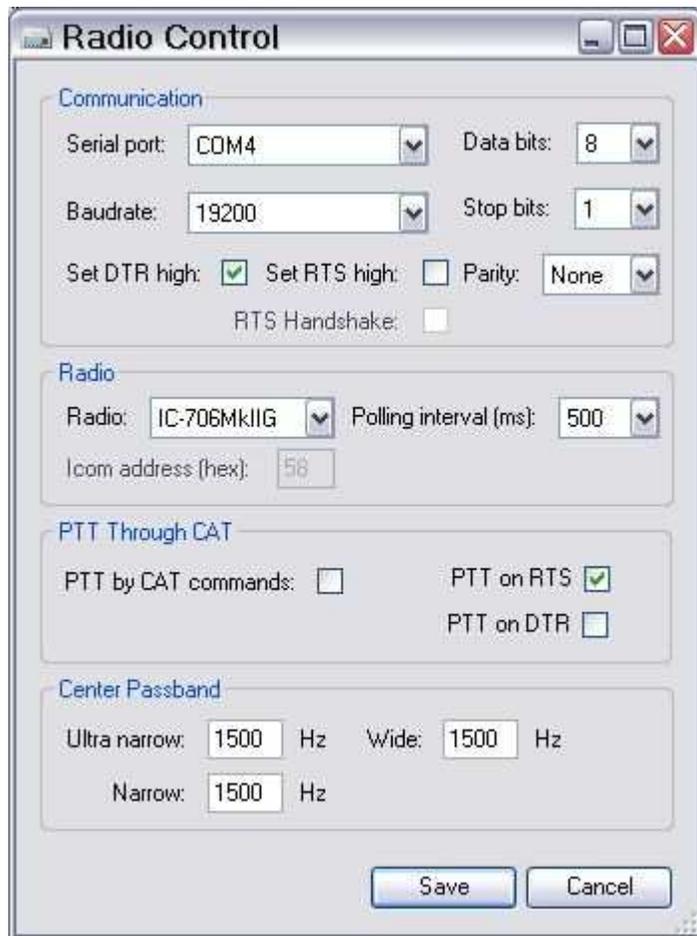
1. Assign a port for radio control and PTT.

Note: the FSK implementation in AirLink Express is not compatible with the UART in DigiKeyer and AirLink Express does not support CW.

The screenshot shows a software interface with three tabs: 'Ports', 'Keying', and 'FSK Messages'. The 'Ports' tab is active. It is divided into two main sections: 'RADIO' and 'USB'.
Under 'RADIO', the frequency is set to 14.249.230. The settings are:
- CAT: COM5
- 2nd CAT: none
- FSK: none, with a checked 'PTT' checkbox
- 2nd FSK: none, with a checked 'PTT' checkbox
- CW: none, DTR: DTR
- PTT: COM6, RTS: RTS
- 2nd PTT: none, RTS: RTS
- SQL: none, CTS: CTS
- Control: none
Under 'USB', the status is 'closed'. There are several 'Test' buttons and checkboxes for 'invert' and 'strict bps'. A 'Mon' button is also present at the bottom right of the USB section.

2. On the Keying tab, set Serial port PTT to **PTT**.
3. Save settings to a preset by selecting menu **Preset | Save as**. Choose a position and name it AirLink.

AirLink Express setup:



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. Select 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 USB Audio CODEC as the Input Device
9. Select left channel as the input source.
10. Select USB Audio CODEC for the Output Device and Speaker for the Output Line.
11. Click Save.

