



Firmware Upgrade Via Serial Interface (For Access5800, Access5830, TrangoLINK-10)

Typically, firmware upgrades are done via TFTP over the TCP/IP. This method is fast, reliable, and can be automated via a scripting language. However, when IP access to the radio is not possible, it is possible to perform the firmware upgrade via the serial port. Currently, all Trango Access5800™ and Access5830™ radios are equipped with a serial interface, providing you with an alternative mechanism to load firmware.

Below is the step-by-step procedure for the upgrade process:

1. Use the programming cable (CBLDAT-1) supplied with your Access5800 or Access5830 AP and TrangoLINK-10 to connect the radio RJ11 port to the serial port of the PC.
2. Run a terminal emulation program, such as HyperTerminal™.
3. Set the serial (i.e. com1) parameters as shown in the following table:

Parameter	Value
Baud Rate	9600
Data Bits	8
Stop Bits	1
Parity	None
Flow Control	None

4. Power cycle the radio. As the radio reboots you will see the "Loader" prompt.
5. When you see the "Loader" prompt, press the "Enter" key to stop the boot up process.
6. To upgrade the Main firmware, type command "mainupdate". You will see message "Download Main S-Rec File ..." on the screen.
7. To download the file in Hyperterm, choose the **Transfer** menu.
8. Click on **Send File**, and once the proper firmware is found, click to load. Confirm that the firmware you are about to download is correct for the radio you are connected to. (Note: The download will take about 15 minutes to complete.)
9. Reboot the radio to activate the new firmware.