CCR Firmware Update Procedure

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The CCR-100 and CCR-200 closed caption receivers can receive firmware updates through the USB port. These instruction apply to recent versions of Microsoft Windows.

1. Install Tera Term Pro. It is available from http://ftp.uslinc.com/ftp/MultiProduct/teraterm-4.83.exe .
2. If the computer does not already have the Silicon Labs CP2102 Virtual Comm Port driver installed, you can get it from http://www.silabs.com/Support%20Documents/Software/CP210x_VCP_Windows.zip
3. Turn off the CCR and connect a USB cable to the computer.
4. Start Tera Term. Select Serial and Silicon Labs CP210x as shown below.
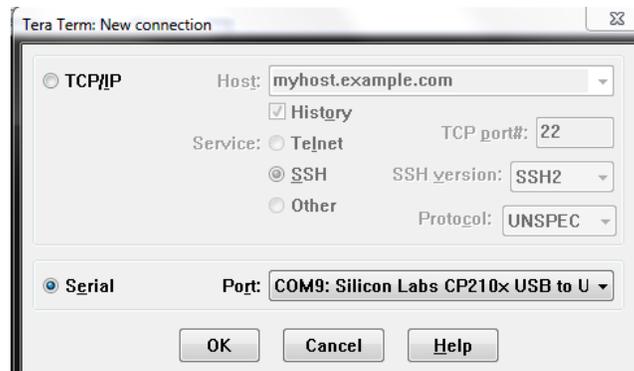
5. Click OK.
6. Select Setup – Serial Port. Set the Baud Rate to 38400, Data to 8 bit, Parity to none, Stop to 1 bit, and flow control to Xon/Xoff. Set the Transmit delay to 50msec/line. Click OK.
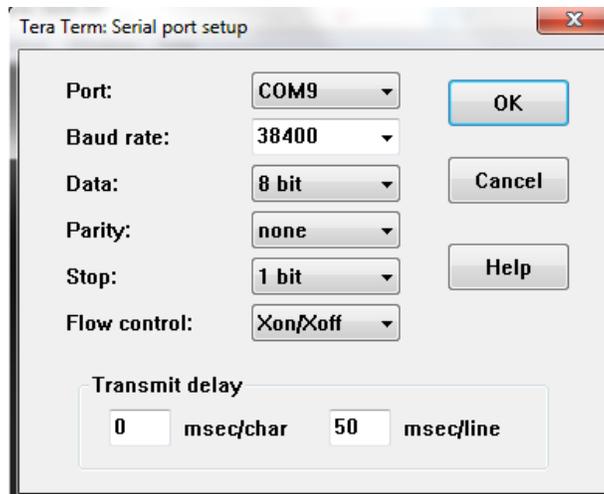
7. Turn on the power switch on the CCR. You should see a date code for the bootloader appear.
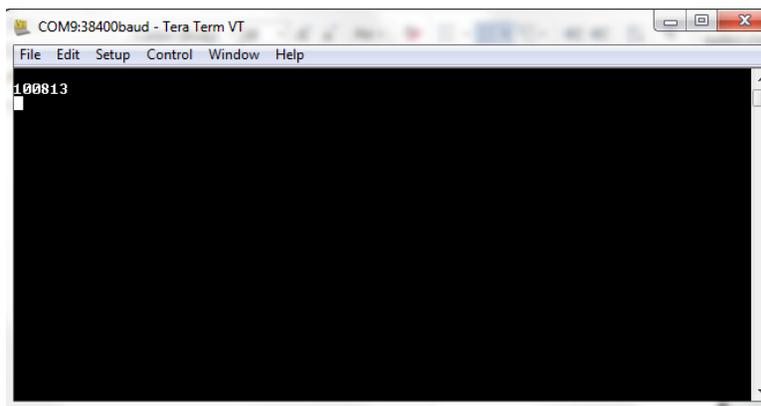
8. In the File menu, select Send File. Select the hex file USL has provided for the update. Click OK.
9. You should see a lot of hexadecimal data scroll by on the Tera Term window. Within the CCR, an alternating red and green LED will be visible below the display on the left.
10. When the data stops scrolling, the update is complete. The CCR will reboot with the new code. Verify that the version number has changed to the new version.
11. If updating multiple units, disconnect the USB cable, select a different serial port, connect the USB cable to the new unit, then reselect the CP210x as shown in step 3. Then go to step 6.

Additional support is available at support@uslinc.com or +1 805 549 0161.