RTK-8CP Firmware/Log Guide

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This document describes the RTK-8CP process for updating firmware and writing log files.

Updating Firmware:

The first step is to prepare a microSD card with the firmware update files. Download and run the .exe firmware file from www.soundcontrol.net to auto-generate the correct file folder structure on the microSD card.

1. Insert the microSD card into the RTK-8CP-RX slot.
2. Connect RTK-8CP-TX with appropriate SCTLink cable.
3. Press and hold the Function button for 15 seconds until the green Status LED flashes quickly.
4. Release button.
5. Firmware update is complete when the Status LED returns to slowly flashing green.
6. The microSD card can be removed at this point, if desired.

Note: Update may take up to 7 minutes to complete.

Troubleshooting Tip – If firmware files are not present on the microSD card or they are in the wrong folder, the LED will not flash quickly but will return to the standard blink pattern of once per second. This indicates that no update has been performed.

Writing the Log file:

The RTK-8CP includes a feature to write information to the MicroSD card, which can help with troubleshooting.

1. Insert a microSD card into the RTK-8CP-RX slot.
2. Quickly press the Function button 5 times in a row. The green Status LED will flash 6 times, followed by solid green for 2 seconds. The unit will then return to the standard blink pattern of once per second.
3. The microSD card can now be removed and placed into a computer to read the contents.

The file written to the card is:

RTK_8CP_LOG.txt	Lists the firmware versions currently running on the RTK-8CP