

RC5+ microSD Function Guide

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This document describes the RC5+ process for reading/writing files through the microSD slot. The installer may update firmware, write log files, or load configuration files for advanced settings.

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 RC5+ front slot.
2. Press and hold the S1 button for 15 seconds until the green FW LED flashes quickly.
3. Release button.
4. Firmware update is complete when the FW LED returns to slowly flashing green.
5. The microSD card can be removed at this point, if desired.

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 RC5+ includes a feature to write information to the microSD card, which can help with troubleshooting.

1. Insert a microSD card into the RC5+ front slot.
2. Quickly press the S1 button 5 times in a row. The green FW 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 files written to the card are:

CURRENT_SETTINGS.txt	Contains the settings that are currently running on the RC5+.
RC5+_LOG.txt	Contains firmware versions and settings currently running on the RC5+.

Using a Configuration file:

The RC5+ includes a feature to load a custom configuration file to define certain parameters. When DIP switch 4 is in the ON (UP) position the RC5+ will automatically load and use the parameters in the configuration file.

Note: The microSD card must remain in the RC5+ to continue to use a configuration file.

Refer to the “RC5+ Config File Formatting Guide” at www.soundcontrol.net for details on how to create the configuration file. After creating the file, copy it to the root directory of a microSD card.