

cforce mini RF SUP 1.2.12

Software Update Package cforce_miniRf-1.2.12_r11559

RELEASE NOTES

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A. Introduction

We herewith announce the release of Software Update Package (SUP) 1.2.11 for the cforce mini RF.

This is a maintenance release fixing a bug that would make the motor reboot in rare occasions.

We highly recommend updating the cforce mini RF to this Software Update Package. Please take your time to go through this document before you start using the cforce mini RF. For more information, please visit

<https://www.arri.com/en/technical-service/firmware/software-updates-ecs/software-update-for-cforce-mini-rf>

B. Update Instructions

How to get a Software Update Package

Go to the ARRI website <https://www.arri.com/en/technical-service/firmware/software-updates-ecs/software-update-for-cforce-mini-rf> and download the latest Software Update Package (SUP).

cforce mini RF Update Procedure

The current software update can be applied to the cforce mini RF via WCU-4.

Update with WCU-4

Precautions

During the update, supply the cforce mini RF with >12V Voltage, e.g. by using the Cable CAM (7p) – D-Tap (K2.0018813) connected to a battery with D-Tap interface.

Preparing the SD Card

Have a FAT16 or FAT32 formatted SD/SDHC card up to 32GB for updating. Copy the cforce mini RF Software Update Package into the root folder of the SD/SDHC card.

Performing the Update

- (1) Connect WCU-4 and cforce mini RF with Cable LCS – LBUS (K2.0007318 or K2.0013044).
- (2) Connect cforce mini RF to 12V power source e.g. with Cable CAM (7p) – D-Tap (K2.0018813)
- (3) Turn the WCU-4 on.
- (4) Insert the SD card into the SD card slot of the WCU-4.
- (5) Go to MENU > FIRMWARE > LBUS Update.
- (6) Select the cforce mini RF as LBUS device.
- (7) Choose the desired Software Update Package and then press the two UPDATE soft buttons simultaneously to start the update.

Caution: Do not remove the SD card during the update!

The update process takes several seconds.

C. Bug Fixes

Motor Reboots with CAM Connection

Fixes a rare bug that would make the motor reboot if another device is connected to its CAM connector.

D. Known Issues

This is a list of known issues for this particular SUP 1.2.12 Software Update Package.

Double Assignment

Connecting two hand units on the same radio channel to cforce mini RF and assigning them to the same axis can very rarely lead to severe motor jitter. Please make sure not to assign two hand units to the same axis, e.g. by disabling iris on WCU-4 if iris is controlled from an SXU-1.

Lens File Source Switch

Switching the lens file source from cforce mini RF to camera (e.g. ALEXA EV or AMIRA) or vice versa may not be effective unless the WCU-4 will be rebooted.

Temperature Shutdown

Continuously operating the motor at high friction for a several minutes will cause a temperature shutdown, manifesting in reduced motor speed. Cooling down the motor will solve the issue.

Missing Lens Data in Client Mode

A cforce mini RF set to Client mode will not transmit LDS lens data from camera to LBUS devices such as Master Grips. Example Setup: AMIRA EXT (providing LDS lens data) > cforce mini RF (Client mode) > Master Grip (no lens data available). Connect Master Grips directly to camera to solve this issue: AMIRA EXT (providing LDS lens data) > Master Grip (lens data available) > cforce mini RF (Client mode).

Tally Glitch with Sony Cameras

If the cforce mini RF and a Sony F-series or Venice camera is powered up, and the connection between motor and camera will be established afterwards, then REC>STBY>REC tally is indicated on the WCU-4 hand unit after pressing REC for the first time on the WCU-4.