cforce plus SUP 1.2.3

Software Update Package cforce_plus-1.2.3_r11893

RELEASE NOTES

Date: April 2nd, 2019

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Release Notes   All data subject to change without further notice.

A. Introduction

We herewith announce the release of Software Update Package (SUP) 1.2.3 for the cforce plus.

This release fixes a bug with controlling cforce plus motors on an ALEXA LF camera.

We highly recommend updating the cforce plus to this Software Update Package. Please take your time to go through this document before you start using the cforce plus. For more information, please visit https://www.arri.com/en/technical-service/firmware/software-updates-ecs/

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/ and download the latest Software Update Package (SUP) for the cforce plus.

cforce plus Update Procedure

The current software update can be applied to the cforce plus via WCU-4, UMC-4, ALEXA Mini or ALEXA Mini LF cameras.

Update with WCU-4

Precautions

During the update, supply the cforce plus with >12V Voltage, e.g. by using an LBUS to D-Tap cable (e.g. K2.0006758 Cable LBUS to D-Tap) 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 plus Software Update Package into the root folder of the SD/SDHC card.

Performing the Update

(1) Connect WCU-4 and cforce plus with Cable LCS – LBUS (K2.0007318 or K2.0013044).

(2) Connect cforce plus to the 12V power source (e.g. with K2.0006758 Cable LBUS to D-Tap)

(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 plus 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.

Update with UMC-4

Precautions

Have the UMC-4 running with stable power source during the update

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Preparing the SD Card

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

Performing the Update

(1) Connect UMC-4 and cforce plus via LCS – LBUS cable (K2.0007318 or K2.0013044).

(2) Turn the UMC-4 on.

(3) Insert the SD card into the SD card slot of the UMC-4.

(4) Go to MENU > FIRMWARE > LBUS Device Update.

(5) Select the cforce plus as LBUS device.

(6) 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.

Update with ALEXA Mini and ALEXA Mini LF (PL and LPL Lens Mount with LBUS Connector)

Precautions

Have the ALEXA Mini or ALEXA Mini LF running with stable power source during the update

Preparing the SD Card

Copy the cforce plus Software Update Package onto a FAT16 or FAT32 formatted USB memory stick in folder ARRI/ECS/ for ALEXA Mini or onto a FAT16 or FAT32 formatted SD/SDHC card in folder ARRI/ECS/ for ALEXA LF.

Performing the Update

(1) Connect ALEXA Mini or ALEXA Mini LF (LBUS connector on PL lens mount) and one cforce plus via LBUS cable.

(2) Connect ALEXA Mini or ALEXA Mini LF to a stable power source (e.g. AC power supply and on-board battery).

(3) Connect the USB stick to ALEXA Mini or the SD/SDHC card to ALEXA Mini LF.

(4) In the ALEXA Mini or ALEXA Mini LF menu, go to MENU > System > Update > LBUS.

(5) Select the cforce plus as LBUS device and press the jog wheel. A confirmation screen is displayed. Press CONFIRM to start the update.

(6) Choose the desired Software Update Package and then press the two UPDATE soft buttons simultaneously to start the update.

Caution: Do not remove the USB stick during the update!

The update process takes several seconds.

C. Bug Fixes

Unable to control motors with ALEXA LF

Fixed a bug where it was not possible to trigger the calibration or if the motor is calibrated to control a lens motor via WCU-4 connected to the ALEXA LF.

Wrong motor position value after restart

Fixed an issue where motor sends a wrong motor position value after a restart even if the motor did not move and change position.