LCUBE CUB-1 SUP 2.0.2
(lcube_cub-1-2.0.2_r9295.cmf)

RELEASE NOTES

Date: 14 February 2017

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1. Introduction

Dear Customers,

We herewith announce the release of Software Update Package (SUP) 2.0.2 for the LCUBE CUB-1. This release adds 3rd-party camera compatibility for the Master Grips, corrects a bug related to rounding issues of distance readouts with UDM-1 or Cine Tape Measure and improves the general LBUS system performance. It also corrects an issue with imperial distance readouts on WCU-4 that slipped through in the previous SUP 2.0.1 release.
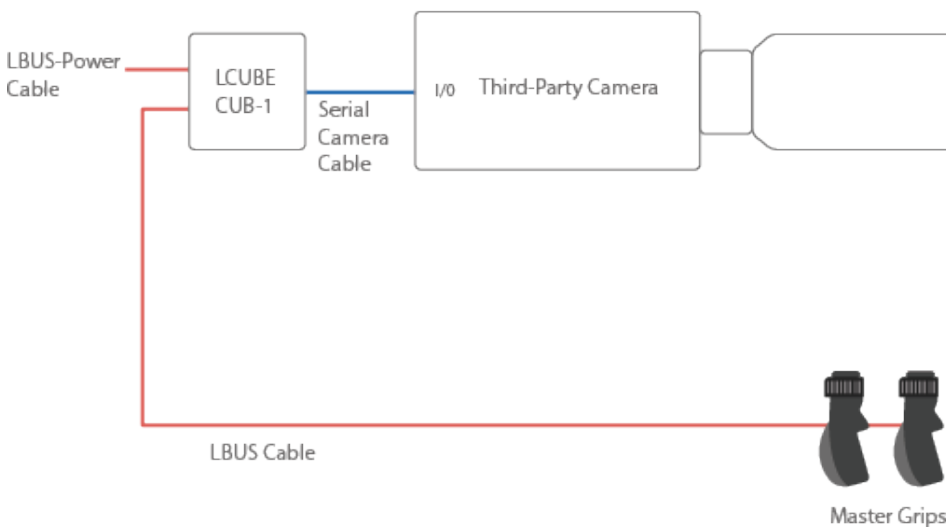
Update Information

We highly recommend updating the LCUBE CUB-1 to this Software Update Package. Devices delivered from ARRI Austria from now onwards include SUP 2.0.2.

2. New Features and Changes

3rd-party camera compatibility for Master Grips

The LCUBE CUB-1 is a miniature signal converter that converts LBUS protocols to serial protocols and vice versa. This Software Update Package adds 3rd-party camera compatibility for the Master Grips, in particular REC start/stop functionality for Sony F5/F55, RED Epic/Dragon cameras and cameras using the LANC protocol (e.g. Canon, Blackmagic), as well as user button functionalities for RED Epic/Dragon cameras.

Note that you need the one of the following cables for connecting CUB-1 with the respective cameras:

Cable CUB-1 to F5/55 cameras K2.0012631

Cable CUB-1 to RED cameras K2.0012632

Cable CUB-1 to LANC   K2.0012633

3. Bug Fixes

Rounding issues of distance readouts

This Software Update Package partly fixes an issue where distance readouts on UDM-1 or Cine Tape Measure displays would slightly differ from the WCU-4 readout due to rounding issues. The complete fix requires a software update for the WCU-4 as well (to be released soon).

Imperial distance readouts not displayed on WCU-4

This Software Update Package fixes a bug from the previous release version 2.0.1 where imperial distance readouts are not displayed on the WCU-4 handset.

4. Known Issues

Status LED is solid green instead of alternating green/red

The LCUBE CUB-1 status LED indicates solid green instead of alternating green/red if connected to an LBUS device while no serial source is connected.

5. Updating Instructions

Update Procedure

The CUB-1 can be updated from external devices through its LBUS interface. The following devices provide update functionalities for CUB-1:

- ARRI Wireless Compact Unit WCU-4 (SUP 2.3)
- ARRI Active Motor Controller AMC-1 (SUP1.40)
- ARRI Universal Motor Controller UMC-4 (SUP1.42)
- cmotion compact hand unit
- cmotion cworld

How to get a Software Update Package

Go to the ARRI website www.arri.com/ecs/cub-1 and download the latest Software Update Package from the Downloads section.

Update via WCU-4

Precautions

Make sure the power supply of the WCU-4 is stable. The best way to achieve this is by using a fully charged battery.

Preparing the SD card

Use a FAT16 or FAT32 formatted SD/SDHC card up to 32GB for updating. Copy the CUB-1 Software Update Package into the root folder of the SD/SDHC card.

Performing the update

1. Connect WCU-4 and CUB-1 via LCS to LBUS cable (K2.0007318 or K2.0013044).
2. Turn the WCU-4 on.
3. Insert the SD card into the SD card slot of the WCU-4. The slot is located below the display on the bottom of the WCU-4, covered by a rubber cap.
4. Go to MENU > FIRMWARE > LBUS Device Update.
5. Select the CUB-1 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 switch off the WCU-4 during the update. Do not unplug the LBUS cable, or remove the SD card.

Update via UMC-4

Precautions

Make sure the power supply of the UMC-4 is stable.

Preparing the SD card

Use a FAT16 or FAT32 formatted SD/SDHC card up to 32GB for updating. Copy the CUB-1 Software Update Package into the root folder of the SD/SDHC card.

Performing the update

1. Connect UMC-4 and CUB-1 via LCS to 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. The slot is located on the bottom side of the UMC-4, covered by a rubber cap.
4. Go to Menu > System > LBUS Device Update.
5. Select the LBUS update file.
6. Choose the CUB-1 device to be updated and then press the two UPDATE soft buttons simultaneously to start the update.

Caution: Do not switch off the UMC-4 during the update. Do not unplug the LBUS cable, or remove the SD card.

Update via AMC-1

Precautions

Make sure the power supply of the AMC-1 is stable.

Preparing the SD card

Use a FAT16 or FAT32 formatted micro SD card for updating. Copy the CUB-1 Software Update Package into the root folder of the micro SD card.

Performing the update

1. Connect AMC-1 and CUB-1 via LBUS cable.
2. Power the AMC-1 up.
3. Insert the micro SD card into the micro SD card slot of the AMC-1. The slot is located on the left side of the AMC-1, covered by a rubber cap.
4. Go to Menu > LBUS Update.
5. Select the CUB-1 as LBUS device.
6. Choose the desired Software Update Package.
7. Check again for the correct software version. The current software version on the device will be displayed in brackets.
8. Press both UPDATE soft buttons simultaneously to start the update.
9. Wait until a successful update is indicated.

Caution: Do not switch off the AMC-1 during the update. Do not unplug the LBUS cable, or remove the micro SD card.