

# LLA-1 Control Module SUP 1.1.2

Software Update Package LLA-1-CM-SUP-1\_1\_2.cmf

## RELEASE NOTES

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## A. Introduction

We hereby announce the release of the Software Update Package (SUP) 1.1.2 for the LLA-1 Control Module. This is a maintenance release.

We strongly recommend updating the LLA-1 Control Module to this Software Update Package as soon as possible.

### Bug Fixes with SUP 1.1.2

- Fixed tally signal not forwarded to Fujinon DIGIPOWER88 XA88x8.8 Box Lens.

Please take your time to go through this document before you start using the LLA-1 Control Module.

## B. Update Instructions

### How to get a Software Update Package

You can find the Software Update Package (SUP) in the LLA-1 Control Module download section on:

<https://www.arri.com/en/technical-service/firmware/overview-of-all-current-software-update-packages>

Download the latest Software Update Package to your computer.

The LLA-1 Control Module can be update as LBUS device via ALEXA 35 camera, Hi-5 (USB or ECS Sync App) and WCU-4. The following section provides details about updating the LLA-1 Control Module via ALEXA 35 camera, Hi-5 or WCU-4.

### Update with ALEXA 35

#### Precautions

Have the ALEXA 35 running with a stable power source during the update.

#### Preparing the USB Stick

Copy the LLA-1 Software Update Package onto an USB memory stick in folder ARRI/ECS/

#### Performing the Update

- (1) Connect the cameras LBUS connector and one LLA-1 via LBUS cable.
- (2) Connect camera to a stable power source (e.g. AC power supply and on-board battery).
- (3) Connect the USB stick to the camera.
- (4) In the camera menu, go to MENU > System > Update > LBUS.
- (5) Select the LLA-1 as LBUS device and press the jog wheel. A confirmation screen is displayed.
- (6) Press CONFIRM to start the update.
- (7) Choose the desired Software Update Package and then press the two UPDATE soft buttons simultaneously to start the update.
- (8) Wait until the update process is finished.
- (9) Power cycle the LLA-1 by disconnecting it from the power source.

**Caution: The update process takes several seconds. Do not remove the USB stick during the update!**

## Update with Hi-5 via USB

The LLA-1 Control Module software can be updated using a USB-A or USB-C drive.

The USB-A slot is located below the display on the bottom of the Hi-5, covered by a plastic cap. Press the release pin to open the cover.

The USB-C slot is located above the display on the top side of the Hi-5, covered by a rubber cap. Lift and turn the rubber cap gently to access the USB-C slot.

### Precautions

Make sure the power supply of the Hi-5 is stable, e.g. by using a fully charged battery. Please note that power over USB is not recommended.

### Preparing the USB Stick

Copy the Software Update Package onto an USB memory stick in folder *ARRI/ECS/*

### Performing the Update

- (1) Connect the LLA-1 Control Module to the Hi-5 via LBUS.
- (2) Connect the LLA-1 Control Module to a power source.
- (3) Turn on the Hi-5.
- (4) Insert the USB stick in the corresponding USB slot of the Hi-5
- (5) Enter the settings menu and go to *System/Update/LBUS Device Update*.
- (6) Select the LLA-1 Control Module as LBUS device.
- (7) Choose the desired Software Update Package and then press 'select' to start the update.

**Caution: The update process takes several seconds. Don't remove the USB Stick and do not turn off the Hi-5 during the update!**

## Update with Hi-5 via ECS Sync App

The ECS Sync App connects to Hi-5 via Bluetooth. To add your Hi-5 to the list of Bluetooth devices on your iOS device, do the following:

- (1) Connect the LLA-1 Control Module to the Hi-5 via LBUS.
- (2) Connect LLA-1 Control Module to a power source.
- (3) Ensure that Bluetooth is enabled on the Hi-5 via MENU > System > Bluetooth.
- (4) Activate Bluetooth on your iOS device and add the Hi-5 to your device list (Hi-5 is shown as hi-5-xxxxx, with xxxxx being the serial number).
- (5) Open the ECS Sync App. The app is now connected to your Hi-5 hand unit.
- (6) Go to ARRI DEVICE > LLA-1 Control Module xxxxx > Update to the latest SUP
- (7) Select Download and proceed the software update

**Caution: Do not leave the app during the update!**

## Update with WCU-4

### Precautions

During the update, supply the LLA-1 Control Module 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 LLA-1 Control Module Software Update

Package into the root folder of the SD/SDHC card.

### Performing the Update

- (1) Connect WCU-4 and the LLA-1 Control Module via LCS to LBUS cable (K2.0007318 or K2.0013044).
- (2) Connect the LLA-1 Control Module to 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 LLA-1 Control Module 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!**

## C. Bug Fix

This particular SUP 1.1.2 Software Update Package consists of the following bug fix only:

### Tally signal was not forwarded to Box Lens via LBUS

Fixes a bug where the tally signal was not forwarded to the Fujinon DIGIPOWER88 XA88x8.8 Box Lens. Tally now works reliably via:

- Centronix/Hirose direct connection
- LLA-1 via LBUS
- LLA-1 via Hirose