SXU-1 SUP 2.1.2

Software Update Package SXU1_V020102.upd

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Date: October 5th, 2022

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A. Introduction

We hereby announce the release of Software Update Package (SUP) 2.1.2 for the Single Axis Unit SXU-1.
This is a maintenance release and ensures compatibility with the Radio Interface Adapter RIA-1 and other ARRI products, as well as a bug fix.

We highly recommend updating the SXU-1 to this Software Update Package.
Please be aware, that this update is mandatory if the SXU-1 is connected to a RIA-1 in client mode.

New Features of the Single Axis Unit SXU-1 with SUP 2.1.2

This SUP 2.1.2 ensures compatibility of the SXU-1 with the ARRI Radio Interface Adapter RIA-1.
For more information about RIA-1, please visit: https://www.arri.com/ria-1
In addition, a bug is fixed which caused problems with lens axis alignment when used with an ALEXA 35 camera.

Please take your time to go through this document before you start using the SXU-1.
For more information, please visit:
https://www.arri.com/en/technical-service/firmware/software-updates-ecs/software-update-for-sxu-1

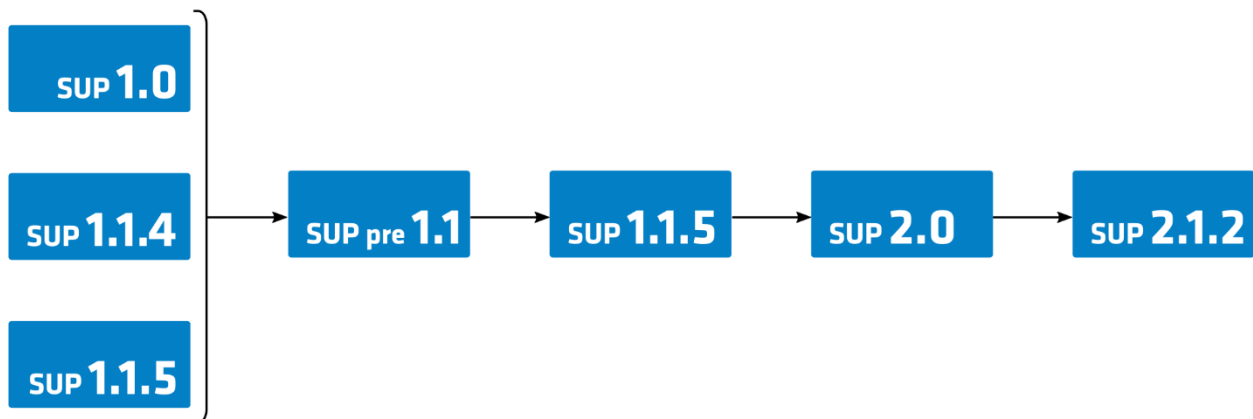# B. Update Instructions

How to get a Software Update Package

You can find the Software Update Package (SUP) in the download section on our website:

https://www.arri.com/en/technical-service/firmware/software-updates-ecs/software-update-for-sxu-1

SXU-1 update procedure

Important notice: This software update requires firmware version 2.0 to be installed in the SXU-1.

If an older firmware is installed on the SXU-1, we highly recommend following these first update steps to SUP 2.0 before updating to SUP 2.1.2, to avoid a bricked SXU-1:

Precautions: Make sure the power supply of the SXU-1 is stable. The best way to achieve this is by using a fully charged battery.

1) Preparing the SD Card: Have a FAT16 or FAT32 formatted SD/SDHC card up to 32GB for updating.
2) Copy the SXU-1 Software Update Package in folder ARRI/SXU1/Firmware/ of the SD/SDHC card.

3) Switch off SXU-1 handset
4) Unscrew grip with a 3mm Allen key
5) Insert the SD card into the SD card slot of the SXU-1.
6) Press MENU and Scroll DOWN until FIRMWARE, press ENTER.
7) Choose the desired Software Update Package and then press the two UPDATE keys simultaneously to start the update.
8) LED flashes red and green: update running.
9) LED stops, the SXU-1 hand unit restarts.
10) Update is complete.
11) Switch off the SXU-1 hand unit.
12) Remove SD card.
13) Reattach grip.

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

C. New Features

Radio Interface Adapter RIA-1 support

The SXU-1 is now compatible with the Radio Interface Adapter RIA-1, using the RIA-1 in the client mode as a radio range extender, connected by an LCS-LBUS cable.
For more information about RIA-1, please visit: https://www.arri.com/ria-1

Hardwired LBUS support

Using an LCS-LBUS cable, cforce motors can now also be controlled by the SXU-1, if the motors are also connected to a camera or a motor controller like the RIA-1 or cforce mini RF.

D. Bug Fixes

This Software Update Package fixes the following bug.

ALEXA 35 – Switching between lens axis assignments

A bug is fixed which caused problems with lens axis assignments. When connected to an ALEXA 35 remotely and switching between lens axis assignments, the control of the motor was lost and required a reconnection of the motor or a camera restart.

E. Known Issues

This is a list of known issues for this software update package.

Region settings containing only three regions

In rare cases, the radio region-setting menu contains three regions only after performing a software update. Please perform the software update again to obtain all five regions. Note that the region is only available for devices including the EMIP300 radio module.

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Release Notes

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All data subject to change without further notice.