

SXU-1 SUP 2.0

Software Update Package SXU1_V02000

RELEASE NOTES

Date: July 18th, 2019

Table of Contents

A. Introduction	3
New features & overview of changes introduced with SUP 2.0.....	3
B. Update Instructions	3
How to get a Software Update Package.....	3
SXU-1 Update Procedure.....	3
C. New Features	4
6 additional radio channels	4
Improved EMIP300 radio software	4
D. Bug Fixes	4
System Crash	4
Missing initial camera state.....	4
System reboot loop with cforce mini RF	4
E. Known Issues	4
Region settings containing only three regions	4

A. Introduction

We herewith announce the release of Software Update Package (SUP) 2.0 for the Single Axis Unit SXU-1.

This SUP is a major software update extending the handset to 14 radio channels and improving the general performance of the radio module.

We highly recommend updating the SXU-1 to this Software Update Package. 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/>

New features & overview of changes introduced with SUP 2.0

- 6 additional radio channels (14 in total)
- Improved EMIP300 radio software
- Several minor improvements and bug fixes

B. Update Instructions

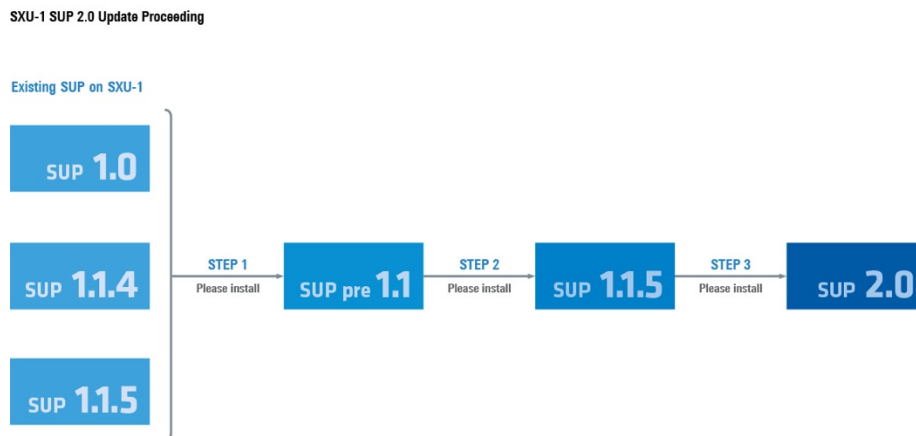
How to get a Software Update Package

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 SXU-1.

SXU-1 Update Procedure

Important notice

This software update requires the previous installation of SXU-1 SUP pre 1.1. For the next step install SUP 1.1.5 then SUP 2.0. We highly recommend following these update instructions to avoid a bricked SXU-1 due to a failed update procedure!



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.

Preparing the SD Card

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

Performing the Update

- (1) Switch off SXU-1 handset
- (2) Unscrew grip with a 3mm Allen key.

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

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

The update process takes several seconds. The SXU-1 will re-start and the update process is completed.

C. New Features

6 additional radio channels

The SXU-1 now offers 14 (0-13) instead of 8 radio channels to choose from. Those additional channels are currently supported by the ALEXA LF, ALEXA Mini LF camera and the cforce mini RF motor. Note that additional channels are only available for devices including the EMIP300 radio module.

Improved EMIP300 radio software

The new firmware offers improvements in terms of the signal quality display on the SXU-1.

D. Bug Fixes

System Crash

Fixed a bug where SXU-1 system crashed if an SD card with a lot of files had been inserted.

Missing initial camera state

Fixed an issue where initial camera state was missing and did not appear immediately after power on if connected to an ALEXA Mini along with a WCU-4.

System reboot loop with cforce mini RF

Fixed a bug where SXU-1 starts to reboot when connected wirelessly to cforce mini RF.

E. Known Issues

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.