

Wireless Compact Unit WCU-4 SUP 3.2

Software Update Package wcu4_pkg_030211_328

RELEASE NOTES

Date: December 10th, 2018

Table of Contents

A. Introduction	3
New Features & Overview of Changes Introduced with SUP 3.2	3
B. Update Instructions	3
How to Get a Software Update Package	3
WCU-4 Update Procedure	3
C. New Features	3
Support of Override Function	3
Custom White Balance	3
User Button Assignment	4
Lens Data Source Switch	4
Lens Data Format Switch	4
Clear LDA	4
D. Known Issues	4
External Zoom Disables F/I	4
Codec Occasionally Not Displayed from ALEXA 65	4
Some User Button Functions Not Executable	4
Pre-marked Focus Rings Sometimes Do Not Match Lens Data	4
WCU-4 Serial Number not Displayed in SYSTEM INFO	4
Lens Data Uncorrected when Using LDS Extender	4
Region Settings Containing Only 3 Regions	4
Incomplete Camera Information	4
E. Bug Fixes	4
Programming Focus Suggests "GO BACK"	5
Iris Text Glitch	5
Crash During Lens File Transfer	5
Zoom Disabled After Camera Playback	5
Jittering Focus Scale	5
Flipping Focus Scale	5
Manual Teeth Count Popup	5

A. Introduction

We are proud to announce the release of Software Update Package (SUP) 3.2 for the Wireless Compact Unit WCU-4. We highly recommend updating the WCU-4 to this Software Update Package, as it is mandatory for using the override function with the Operator Control Unit OCU-1 and the Master Grips. Please take your time to go through this document before you start using the WCU-4. For more information, please visit <https://www.arri.com/en/technical-service/firmware/software-updates-ecs/software-update-for-wcu-4>.

New Features & Overview of Changes Introduced with SUP 3.2

- Support of override function
- Custom white balance
- User button assignment
- Lens data source switch
- Lens data format switch
- Clear LDA
- Several minor improvements and bug fixes

B. Update Instructions

How to Get a Software Update Package

You can find the Software Update Package (SUP) in the WCU-4 downloads section on <https://www.arri.com/en/technical-service/firmware/software-updates-ecs/software-update-for-wcu-4>. Download the latest Software Update Package to your computer.

WCU-4 Update Procedure

The WCU-4 software is updated with a SD or SDHC memory card with a capacity up to 32GB.

- Make sure the power supply of the WCU-4 is stable. The best way to achieve this is by using a fully charged battery.
- Have the SD or SDHC memory card formatted to FAT16 or FAT32.
- Prepare the SD or SDHC memory card with the following the WCU-4 folder structure: /ARRI/WCU4/Firmware
- Copy the Software Update Package file into the 'Firmware' folder on the SD card.
- Turn the WCU-4 on.
- Insert the SD or SDHC memory 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.
- Go to MENU > FIRMWARE.
- Go to 'Select Update File'.
- Choose the desired Software Update Package and then press the two UPDATE soft buttons simultaneously to start the update. The update process takes about 5 seconds. The WCU-4 will re-boot, and the update process is completed.

Please note: Do not remove the SD card while updating the WCU-4!

C. New Features

Support of Override Function

This software update supports the override function triggered by the Operator Control Unit OCU-1 or the Master Grips (SUP 2.0). The override function enables operators to override and return focus, iris or zoom at the touch of a button.

Custom White Balance

It is now possible to set custom white balance values for the camera on the WCU-4.

User Button Assignment

It is now possible to assign camera functions to the red user button.

Lens Data Source Switch

It is now possible to select the lens data source (camera or motor controller).

Lens Data Format Switch

It is now possible to change the focus unit to metric or imperial when using a cforce mini RF lens motor.

Clear LDA

It is now possible to clear an active lens file from the hand set.

D. Known Issues

This is a list of known issues for this particular SUP 3.2 Software Update Package.

External Zoom Disables F/I

Connecting an external zoom device such as ZMU-3A, pan-bar zoom, or Master Grip will disable focus and iris control on the WCU-4. We are working on a fix. Downgrade to the previous WCU-4 software update package to overcome this issue.

Codec Occasionally Not Displayed from ALEXA 65

Occasionally, the currently set ALEXA 65 camera codec is not displayed on the CAM screen.

Some User Button Functions Not Executable

WCU-4 currently does not support any function on ALEXA user buttons 4-6 that requires further confirmative action.

Pre-marked Focus Rings Sometimes Do Not Match Lens Data

When using the pre-marked focus rings, sometimes some of the engravings may slightly differ from the displayed distance on the WCU-4. Re-calibrating the focus knob via WCU-4 Extended Service Menu may solve this issue.

WCU-4 Serial Number not Displayed in SYSTEM INFO

No WCU-4 serial number will be displayed in the system info screen up to WCU-4 serial number 5070. Please contact your local ARRI Service Center to correct this issue.

Lens Data Uncorrected when Using LDS Extender

When using an LDS lens with an ALURA extender, the lens data will not be corrected with the extender factor.

Region Settings Containing Only 3 Regions

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

Incomplete Camera Information

In rare occasions, camera status information may be displayed incompletely.

E. Bug Fixes

This is a list of bug fixes for this particular SUP 3.2 software package.

Programming Focus Suggests "GO BACK"

Fixes an issue where "GO BACK" would be displayed misleadingly while programming a focus scale.

Iris Text Glitch

Fixes an issue where the text "Open Iris" would not be displayed correctly while programming an iris scale.

Crash During Lens File Transfer

Fixes a bug that would occasionally cause the WCU-4 to crash during lens file transfer.

Zoom Disabled After Camera Playback

Fixes an issue where the zoom stick would be disabled after exiting the camera playback menu on WCU-4.

Jittering Focus Scale

Fixes an issue where the focus scale would slightly jump back and forth while turning the focus knob.

Flipping Focus Scale

Fixes an issue where an inverted focus scale would occasionally flip back and forth.

Manual Teeth Count Popup

Fixes an issue where "IRIS/ZOOM teeth set to manual" would pop up without any iris or zoom motor connected.