

DEH-2; DEH-1; DEP-1; DRW-1 Software Update Package 3.1.8

RELEASE NOTE

February 2024



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Original version.

Document Revision History

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Version	Release	Date	Note
1.0		February 2024	First Release

1 Introduction

We hereby release the Software Update Package SUP 3.1.8 for the DRW-1, DEP-1, DEH-1 and DEH-2.

This is a maintenance release and ensures compatibility with the SRH-3, SRH-360 and 360 EVO and other ARRI LBUS related products.



NOTICE

Update all related devices!

As part of the **TRINITY 2 SUP 1.5**, we strongly recommend to update the DRW-1, DEP-1, DEH-1 as well as DEH-2 to this new software update package.

This update is mandatory to ensure overall system performance.

2 Update Instruction

2.1 How to Get a Software Update Package

You can find the product related Software Update Package **SUP 3.1.8** in the CSS technical service download section on our website:

DRW-1 SUP 3.1.8

<https://www.arri.com/en/technical-service/firmware/software-updates-css/software-update-digital-remote-wheels-drw-1>

DEP-1 SUP 3.1.8

<https://www.arri.com/en/technical-service/firmware/software-updates-css/software-update-digital-encoder-pedal-dep-1>

DEH-1 SUP 3.1.8

<https://www.arri.com/en/technical-service/firmware/software-updates-css/software-update-digital-encoder-head-deh-1>

DEH-2 SUP 3.1.8

<https://www.arri.com/en/technical-service/firmware/software-updates-css/software-update-digital-encoder-head-deh-2>

2.2 General Update Procedure

The DRW-1, DEP-1, DEH-1, or the DEH-2 can be updated as LBUS device via

- Hi-5 (USB or ECS Sync App),
- WCU-4,
- UMC-4,
- ALEXA Mini,
- ALEXA Mini LF and
- ALEXA 35 cameras.

The following section provides details about updating the DRW-1, DEP-1, DEH-1, and the DEH-2 via Hi-5 and WCU-4.

Please refer to the owner's manual of the other devices for more details.



WARNING

Inoperative Device due to Incorrect Firmware

Before updating, be sure you have selected the correct firmware for the device.

- ▶ Always select the correct firmware for the device.
- ▶ Always double-check before you start uploading the firmware to the device.
- ▶ Updating a device with the wrong firmware (e.g. loading DRW-1 firmware into a DEP-1) leaves the device inoperative.
- ▶ Consult an authorized ARRI service center to reinstall the firmware. The issue can not be solved by the user.

2.3 Update with Hi-5 via USB

The 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

Create a folder ARRI/ECS/ on the USB memory stick. Copy the Software Update Package **SUP 3.1.8** to the ARRI/ECS/.

Performing the Update

1. Connect the DRW-1, DEP-1, DEH-1, or the DEH-2 to the Hi-5 via LBUS.
2. Connect the DRW-1, DEP-1, DEH-1, or the DEH-2 to 12V power source (e.g. with K2.0006758 Cable LBUS to D-Tap).
3. Turn the Hi-5 on.
4. Insert the USB stick in the corresponding USB slot of the Hi-5.
5. Go to MENU > System > Update > LBUS Device Update.
6. Select the DRW-1, DEP-1, DEH-1, or the DEH-2 as LBUS device.
7. Choose the Software Update Package **SUP 3.1.8** and then press select to start the update.



CAUTION

Do not interrupt the update

The update process takes several seconds.

- ▶ Do not remove the USB memory stick during the update.
- ▶ Do not turn off the Hi-5 during the update.

2.4 Update with WCU-4 via SD Card

Precautions

During the update, supply the DRW-1, DEP-1, DEH-1, or the DEH-2 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 Software Update Package **SUP 3.1.8** into the root folder of the SD/SDHC card.

Performing the Update

1. Connect WCU-4 and the DRW-1, DEP-1, DEH-1, or the DEH-2 via LCS to LBUS cable (K2.0007318 or K2.0013044).
2. Connect the DRW-1, DEP-1, DEH-1, or the DEH-2 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 DRW-1, DEP-1, DEH-1, or the DEH-2 as LBUS device.
7. Choose the Software Update Package **SUP 3.1.8** and then press the two UPDATE soft buttons simultaneously to start the update.



CAUTION

Do not interrupt the update

The update process takes several seconds.

- ▶ Do not remove the SD card during the update.
- ▶ Do not turn off the WCU-4 during the update.

2.5 Update with ALEXA Mini, ALEXA Mini LF and ALEXA 35

Precautions

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

Preparing the USB Stick

Create a folder ARRI/ECS/ on the USB memory stick. Copy the Software Update Package **SUP 3.1.8** to the ARRI/ECS/.

Performing the Update

1. Connect the cameras LBUS connector (LBUS connector on PL lens mount for ALEXA Mini and ALEXA Mini LF) and the DRW-1, DEP-1, DEH-1, or the DEH-2 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 DRW-1, DEP-1, DEH-1, or the DEH-2 as LBUS device and press the jog wheel.
6. A confirmation screen is displayed. Press CONFIRM to start the update.
7. Choose the Software Update Package **SUP 1.3.8** and then press the two UPDATE soft buttons simultaneously to start the update.



CAUTION

Do not interrupt the update

The update process takes several seconds.

- ▶ Do not remove the USB memory stick during the update.
- ▶ When the update process is finished, the device will re-start with the new firmware.

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