

ALEXA Mini LF

Software Update Package SUP 7.3.2

RELEASE NOTES

June 11, 2025



Overview

We are pleased to announce the release of ALEXA Mini LF Software Update Package SUP 7.3.2. The update can be downloaded from the [Software Update Packages for Cameras](#) webpage. Please review these release notes, including the known issues section, and consult the ALEXA Mini LF User Manual for SUP 7.3 to ensure optimal camera operation.

Updates in Software Update Package SUP 7.3.2

- Important bug fixes and compatibility improvements

Peripheral Updates

The following peripheral software and firmware versions are included with SUP 7.3.2. Versions that have changed compared to the previous release are highlighted in bold.

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|--------------------------|-------|
| • Multi Viewfinder MVF-2 | 3.21 |
| • LPL Mount (LBUS) | 1.34 |
| • PL Mount (LBUS) | 1.96 |
| • PL Mount (Hirose) | 1.96 |
| • EF Mount (LBUS) | 1.14 |
| • Camera Access Protocol | 1.10 |
| • MXF Library | 3.0.0 |

Software Compatibility

The following software versions for tools and accessories must be used to ensure full compatibility with SUP 7.3.2:

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|---------------------------------|-------|
| • ARRI Reference Tool: | 1.7.0 |
| • Camera Control Monitor CCM-1: | 5.5.2 |

Update Procedure

The camera is updated via a USB memory stick and the process can be initiated either through the MVF-2 viewfinder menu or the camera Web Remote. When the MVF-2 viewfinder and the lens mount are connected to the camera, they will automatically update during the camera update. If they were not connected at that time, they can be updated individually through the camera later. If you are using the camera Web Remote to perform the update, it is recommended to use a 'private' or 'incognito' browser window to avoid potential issues or unexpected behavior.

1. After downloading the update file from the [Software Update Packages for Cameras](#) webpage, double-click the downloaded .zip file to unpack it, or unpack it manually. This will extract two update files to your computer (*.SUP and *.lic).
2. If not done beforehand, prepare the memory stick for use with the ALEXA Mini LF by connecting it to the camera. Then, go to *MENU > Media > Prepare USB Medium...* on the MVF-2 viewfinder menu or the Web Remote and press *CONFIRM*. This will create the required folder structure on the memory stick.
3. Connect the memory stick to your computer.
Place the downloaded *.SUP file in the *ARRI/A-MINI-LF/SUP* folder.
Place the downloaded *.lic file in the *ARRI/A-MINI-LF/LICENSES* folder.
4. The camera Software Update Package includes updates not only for the camera body but also for the MVF-2 viewfinder and the lens mount. Therefore, ensure that the MVF-2 viewfinder and the lens mount are connected to the camera during the update process.
5. Ensure the camera is connected to a power supply or powered by a fully charged battery to prevent power loss during the update.
6. Perform a factory reset on the camera with the menu item *MENU > Setup > Factory Reset...*
7. Connect the memory stick to the camera and navigate to the menu item *MENU > System > Update > Update Camera...*
8. Select the SUP file from the list and start the installation.
The MVF-2 as well as the camera side display will show a screen displaying the update progress. Please note, that the update can take up to 20 minutes.
The MVF-2 viewfinder may turn off during the update process and will not provide continuous visual feedback. Do not power off or unplug the camera until it has rebooted.
After the update process has finished, a success message is displayed.
9. Ensure that the correct time zone is set in *MENU > System > System Time & Date*.
10. If the MVF-2 viewfinder or lens mount were not connected during the update, the camera will still store the updated software for these devices. The next time they are connected and have an older software version than the one stored in the camera, the camera will prompt you to update them.

In the rare event of an interrupted or failed update the camera may enter a state where the MVF-2 is unresponsive. In this situation, use the side display to enable Wi-Fi, connect to the camera, and reinstall the update using the Web Remote.

Update of Accessories

The camera update does not update the following devices, which must be updated separately. Update files for these devices must be downloaded individually from the ARRI [Software Packages](#) webpage.

Camera Control Monitor (CCM-1):

Download the update file, copy it to a USB-C stick (root folder), and connect the stick to the CCM-1. Disconnect the CCM-1 from the camera, then navigate to *Menu>Firmware>Update* on the CCM-1 and select the file to start the update.

LBUS Devices (e.g., Lens Motors):

Download the corresponding update file and copy it to the *ARRI/ECS/* folder on a USB-C stick. Insert the stick into the camera, connect the LBUS device via the LBUS connector, and initiate the update through *MENU>System>Update>Update LBUS Devices*.

Downgrading the Camera

It is possible to downgrade an ALEXA Mini LF from SUP 7.3.2 to a previous software release.

Known Issues in SUP 7.3.2

ALURA 1.4x and 2.0x Extender are not recognized

ALURA 1.4x and 2.0x Extender are not recognized by the camera and therefore the lens information shown in the menu, the SDI overlays and the WCU-4 show the information of the lens without considering the use of the extenders.

Artifacts on SDI when toggling exposure tool and Color Space is REC 2020

If an SDI output is set to Color Space REC 2020 and the exposure tool on the MVF-2 is used artifacts can be observed on the SDI output. This is critical if that output is being broadcasted or recorded.

MVF-2 can show subtle flickering in upper part

Sometimes a subtle flickering can be observed in the upper part of the image of the MVF-2 viewfinder (through the eyepiece, not the flip-out monitor).

Brightness flicker when EVF Zoom is activated or EVF Surround view is off

Brightness flicker in the upper part of the OLED display can be noticed.

Magnification Limits

Depending on the recording format, the MAGNIFICATION feature can sometimes reach maximum magnification before the top value of 200% is reached. In this case, higher value numbers will be shown in the menu, but actual image magnification will not increase further.

Magenta Image after Mode switch

Sometimes after switching Recording Modes the SDI image may display a magenta tint for up to 5 seconds before returning to the normal image.

Lower Audio levels in Playback

When playing back a clip with Audio the headphone output on MVF-2 is 3dB less than in Live/Recording.

No Mirror image function for MXF/Apple ProRes in DaVinci Resolve

The vertical "Mirror image" function does not work for MXF/Apple ProRes in DaVinci Resolve. However, it will work with ARRIRAW.

Web Remote: Periodic connection issues

When using the Web Remote with certain OS / Browser combinations the camera may not be found. Use the LAN IP address of the camera in those cases. Check MENU > Info > Network Info > LAN IP for the current IP address.

WiFi - No successful reconnection to access point after reboot in client mode

In rare cases the WiFi driver can get stuck after a reboot or resolution change when the camera is in client mode. In this case the camera does not reconnect to the previous access point and the list of discovered networks is empty. In this case, please reboot the camera to regain WiFi functionality.

SDI out of sync

If two cameras are being synchronized by syncing only one of them to timecode, the recorded images will be in sync, but the SDI outputs will be slightly out of sync. Supply timecode to both cameras to mitigate this issue.

Warning message unavailable

A camera in setting client mode inherits all settings from the host camera. When attempting to change settings on a camera in settings client mode not all items prompt the warning that these settings can only be changed on the host camera, but instead are not modifiable.

Disabling EXT Sync leads to error message

When disabling EXT Sync the camera can display a software error (#4) and prompt the user to reboot. After rebooting the camera will resume working as expected.

Timecode offset after exiting playback through recording

When exiting playback by pushing the REC button, it is possible for timecode to be offset by one frame. To avoid this, exit playback by pushing the physical playback button on the viewfinder or through the 'close' button in the menu.

EXT Sync: changing codec is not supported

In an EXT Sync setup when changing recording codec on Host puts any Client in a reboot loop. Adjust the codec as needed before setting up EXT Sync.

Cannot overwrite existing User Pixel Mask

Saving a User Pixel Mask on the USB stick is only possible when the sensor folder on the USB stick does not already contain a User Pixel Mask. If you want to save a User Pixel Mask, make sure the folder is empty or re-name any existing User Pixel Masks. Even then, sometimes a new User Pixel Mask cannot be saved, and the monitor gets stuck with the message 'Exporting user pixel mask, please wait...'. Restarting fixes all of this.

MVF-2 stays black on camera start

In rare cases the MVF-2 can stay black after the camera has booted completely. Replug the Viewfinder in this case.

ALEXA Mini SUP camera update might fail

In a few cases the camera update may fail with the message 'Last SUP installation was incomplete. Please re-install SUP. (#135)'. In this case, please re-install SUP.