



# SKYPANEL<sup>ARRI</sup>X Orbiter<sup>ARRI</sup>

SOFT | MODULAR | HARD      Illumination | Reshaped

## FIRMWARE UPDATE INSTRUCTIONS

## Updating LiOS Firmware

To update the firmware of SkyPanelX or Orbiter choose one of the following methods. Please note that both fixtures can be updated using the same installer file (LiOS 3.0 and later).

### Using a USB drive (SkyPanelX and Orbiter) or SD Card (Orbiter only)

1. All memory devices must be formatted to FAT or FAT32 and should not exceed a storage capacity of 4GB.
2. The update file (.swu) must be in the root directory of the drive.
3. Insert the medium into the fixture.
4. Open MENU → Flash Drive Functions → Update Firmware.  
The fixture will automatically look for the update files. When found, a list of update files will appear in the display.
5. Highlight the desired update file and push the encoder knob. The update will begin.
6. Do not remove the memory device until the file is completely copied.
7. Do not disconnect the fixture from the power source until the entire update is complete.
8. The update procedure will take a few minutes and is executed in multiple steps with potential black screen periods on the fixtures control panel. When completed, a success message is prompted, or the control panel will display the standard screen.

### Using ALSM (ARRI Lighting Service Manager)

1. Install the latest version of the ALSM application onto your Mac or PC.  
Free download at: [www.arri.com/lighting/alsm](http://www.arri.com/lighting/alsm)
2. Open the application and connect the fixture to the computer via Ethernet cable or alternatively a USB-C data cable.
3. The ALSM will automatically find your fixture once powered on and connected.
4. Select the “Firmware Update” tab and then select the fixture you wish to update in the column on the left side of the screen.
5. Click “Update Firmware”.
6. Do not disconnect the fixture from the power source or from the computer until the update is complete.
7. The update procedure will take a few minutes and is executed in multiple steps with potential black screen periods on the fixtures control panel. When completed, a success message is prompted.

Note: USB-C cables need to allow USB3.1 data transmission. Some USB-C charging cables do not allow data transmission.

## Using the fixtures Web Page

1. Connect the fixture to your LAN via an Ethernet cable.
2. Use your favorite internet browser to open the fixtures web page via its IP address, e.g. <http://192.168.0.36>  
Note: If you do not know the IP address of your fixture, use the Control Panel and open MENU → Network Settings
3. By clicking enter the „Fixture Settings“ menu that can be found on the top of the web page. The „Firmware Update“ section is located at the top of the page.
4. Choose the update file (.swu) via the „Browse“ button.
5. Click „Update“
6. Do not disconnect the fixture from the power source or from the computer until the update is complete.
7. The update procedure will take a few minutes and is executed in multiple steps with potential black screen periods on the fixtures control panel. When completed, a success message is prompted.

## Remote calibration update via ALSM 5.5.2. or later (Orbiter only)

1. If not already running, open ALSM and connect fixture via Ethernet or USB-C cable.
2. After successful update to LiOS 3.1.0, a yellow service warning will appear with the Orbiter fixture pane in ALSM.
3. Go to Service Functions via context menu (right click) and check availability of new calibration file.
4. Follow update instructions as shown by ALSM.
5. Do not turn off the Orbiter or disconnect from it from the computer or disrupt internet connection while calibration data is downloaded and updated.

**Important Note: Due to the significant changes introduced with LiOS 3.1, a downgrade to previous versions of LiOS is not possible.**

## Service

If you have problems with your fixture or the update, please contact an ARRI service center.

Europe: [service-lighting@arri.de](mailto:service-lighting@arri.de)  
Americas: [service-lighting@arri.com](mailto:service-lighting@arri.com)  
Asia: [service @arriasia.hk](mailto:service@arriasia.hk)  
China: [service@arri.cn](mailto:service@arri.cn)  
Australia: [service-lighting@arri.com.au](mailto:service-lighting@arri.com.au)

## Helpful Website

**LIOS** [www.arri.com/lios](http://www.arri.com/lios)

