



## FIRMWARE RELEASE NOTES & KNOWN ISSUES

04/2025

## Release Notes

**New Firmware Version: LiOS 3.2.1**

**Replacing Firmware Version: LiOS 3.2.0**

This update release contains the following improvements & bugfixes for SkyPanel Pro, SkyPanel X and Orbiter:

- SkyPanel Pro: General improvements to the Classis SkyPanel Output Matching
- SkyPanel X and SkyPanel Pro: Bluetooth is now **OFF** by default
- SkyPanel X: “RGBACL Color Space” setting removed from “Light Control” menu. This setting is still adjustable via the RGBxxx Color Modes.
- All Fixtures: “Light Smoothing” renamed to “DMX Dimmer Smoothing”
- SkyPanel Pro: “Gateway” renamed to “DMX/RDM Gateway” and moved into the DMX menu

Further, various issues and bugs have been resolved to make the system more reliable. This update is recommended for all users.

Note:

Due to the significant changes introduced with LiOS 3.1, a downgrade to versions prior to this is not possible.

For more information, feature description and download, please visit: <https://www.arri.com/>

### **LiOS 3.2.0 Changes:**

- SkyPanel Pro: Initial Firmware Version
- SkyPanel X: 14 new Classic SkyPanel-style DMX modes added
- SkyPanel X: Default Operational Mode changed to "High CRI Vari Fan". "Standard" mode renamed to "Low Noise"
- SkyPanel X: Process and Color Chase added to Effects Library
- Orbiter: Implementation of DMX Version 4.4 from the SkyPanel Pro
- Default DMX/RDM Gateway setting changed to **OFF**
- Dimming curve and Tungsten settings added to the DMX control channel
- CloudIO integration

### **LiOS 3.1.2 Changes:**

- General bug fixes for SkyPanel X and Orbiter

### **LiOS 3.1.0 Changes:**

- SkyPanel X: Multi-zone support for some effects
- DMX Dimmer Smoothing setting added
- RGB Calibration set to **ON** by default
- Orbiter: ARRI ALEXA Modes added
- Operational Modes added to DMX Control Channel

### **LiOS 3.0.13 Changes:**

- SkyPanel X: Initial Firmware Version

## Known Issues

- PSU Communication Error will be shown for defective fixtures (Orbiter)  
Fixtures that show a PSU Communication Error need to be repaired by an official ARRI service partner.  
The error cannot be cleared (this is on purpose).

Limitation	User Impact	Workaround
Orbiter with ARRI Alexa Modes might experience firmware issues.	Light output of Orbiter is not working after 3 failed boot-up attempts.	Execute firmware update of LiOS3 twice in a row.
Light Output of Source Matching Mode shows significant deviations.	Light Output of S60 Pro in Source Matching Mode differs from Orbiter and SkyPanel X.	None.
Orbiter with outdated CALIBRATION FILES not supported.	ALEXA modes unavailable for the user.	None. Ask for the correct calibration files in STK.
Arrayed SkyPanel X need to use the same software versions.	Side effects are possible. Fixtures may not show the same light.	Check software version of each fixture. They need to be identical.
DMX Dimmer Smoothing does not take effect for multi zone DMX modes.	User can enable/disable "DMX Dimmer Smoothing". "Enable" will be ignored for multi zone DMX modes.	None.
Used fixtures in a host/client setup need to use the same software versions.	Client fixtures with older firmware version will not react on changes on the host.	Check software version of each fixture. They need to be identical.
Factory Reset affects Bluetooth Linking Keys.	After a factory reset, previously used Smart devices can no longer connect to fixtures via LiCo.	Go to the Bluetooth menu of your smart device, and "forget" the old instance of your fixture.

**ALSM:** ARRI Lighting Software Manager  
PC/Mac application for updating firmware and setting attributes of ARRI LED fixtures.

**NOTE:** If using a USB flash drive or SD card to update an Orbiter, please use a USB drive that is USB 1.0 or 2.0 standard and is formatted to FAT or FAT32. The update file must be in the root directory of the drive.  
SkyPanel X and SkyPanel Pro require a USB-C flash drive to be used. Read and obey all warnings and notices in the user manual.  
Read and follow the firmware update instruction guideline.

## Service

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

Europe:	<a href="mailto:service-lighting@arri.de">service-lighting@arri.de</a>
Americas:	<a href="mailto:service-lighting@arri.com">service-lighting@arri.com</a>
Asia:	<a href="mailto:service@arri.asia">service@arri.asia</a>
China:	<a href="mailto:service@arri.cn">service@arri.cn</a>
Australia:	<a href="mailto:service@arri.com.au">service@arri.com.au</a>

## Helpful Website

<https://www.arri.com/en/lighting/led/>  
<https://www.arri.com/en/lighting/led/software/lios>