ZerOS Software Release (Public Release)				
Released Version:	7.13	Release Date:	31 August 2022	
Previous Versions:	7.12	Release Date:	30 June 2022	

# ZerOS 7.13 Software Release

## Introduction

Release 7.13 of ZerOS is a new software release recommended for all consoles and servers listed below, running the ZerOS Operating System. These release notes describe the new features, enhancements and bug fixes that have been implemented between versions 7.12 and 7.13.

## **Products Affected**

- ✓ FLX
- ✓ FLX S24 & S48
- ✓ ZerOS Server
- ✓ ORB Series
- ✓ Solution Series
- ✓ SCD Server & SCD Server Pro
- ✓ Leap Frog 48 & 96
- Phantom ZerOS (offline software)

## Compatibility

No compatibility issues known from 7.12.

## **Update Instructions**

Please carefully follow the update instructions available at the end of this document.

The software installation process completely removes all data on the console, including any current show files. If the current show file is still required, **please ensure that <u>backups</u> are taken before proceeding with the update.** After completing the update, you may re-load your show if required.

When performing a software update it is important to ensure that the power supply to your desk is stable and reliable. Power loss during a software update can render your desk unusable.



## **New Features**

#### ZOS-2874 ZerOS Fixture Creator & Editor

ZerOS now includes a basic fixture builder that adds the ability to create "quick and dirty" profiles right within the console at a speed of about 5 seconds per parameter.

This can be accessed through "SETUP > Add Fixtures > Create new fixture > Next".

- 1. Enter the number of DMX channels for the fixture
- 2. Define each of the fixture's parameters (commonly used parameters are automatically suggested)
- 3. Enter the Manufacture, Model, Mode and, if relevant, RDM information
- 4. Patch the fixture in the usual way (enter quantity, fixture number, DMX address etc)

Edit							
# of channels 16	- +						
Channel 1 Intensity	Channel 2 Intensity Fine	Channel 3 Red	Channel 4 Red Fine	Channel 5 Green	Channel 6 Green Fine	Channel 7 Blue	
Channel 8 Blue Fine	Channel 9 Pan	Channel 10 Pan Fine	Channel 11 Tilt	Channel 12 Tilt Fine	Channel 13 Focus	Channel 14 Zoom	
Channel 15 Gobo	Channel 16 Gobo						
							~
Manufacturer	r Mode	el	Mode	RDM			
Custom	Une	defined	Undefined	Disa	abled Ena	bled	
ОК	Cancel						

Existing fixtures can be edited by selecting the fixture in "Add Fixtures", clicking "Next" and then selecting "Edit & Export".

ZerOS Fixture Creator is designed to be quick and simple. Therefore, parameter details cannot be added. However, multicell fixtures can be created. To make more comprehensive fixture personalities, use the <u>GDTF Builder</u> online tool.

## ZOS-7984 Pinned Fixture Manufacturers & Types

In "SETUP > Add Fixtures", recently used fixture manufactures and fixture types are now "pinned" to the top of the list for quicker selection.

Within "SETUP > Clear options", a new "Unpin add fixtures" option removes pinned fixtures that are no longer in use.

Fixture scheduleGenericAcclaim LED Cyc8 bit (6 Chans)Add fixturesColor KineticsAcclaim LED Fresnel16 bit (11 Chans)Add fixturesStrandAcclaim LED Zoomspot16 bit (11 Chans)SaveVariLite150S Softlight Daylight16 bit (11 Chans)LoadOenergyLighting200F TV Fresnel Day Light1 - IntensitySettings7C Lighting200F TV Fresnel Day Light1 - IntensityDefaultsAc J Theatrical300S Softlight Daylight3 - RedUniversesAddyn Technology400F TV Fresnel DayLight5 - BlueDevicesSearch400F TV Fresnel Tungsten6 - LimeDevicesSearchABCAdd FilterNext >	Setup						
Color KineticsAcclaim LED Fresnel16 bit (11 Chans)Add fixturesStrandAcclaim LED ZoomspotSaveVariLite150S Softlight DaylightLoadCreate new fixture150S Softlight Tungsten0energyLighting200F TV Fresnel Day Light7C Lighting200F TV Fresnel TungstenA & O Lighting300S Softlight TungstenDefaultsA to Z TheatricalMady Technology400F TV Fresnel DaylightAddyn Technology400F TV Fresnel TungstenDevicesAbelite International		Generic	Acclaim LED Cyc		8 bit (6 Chans)		
Strand   Acclaim LED 200mspot     Save   VariLite   150S Softlight Daylight     Load   OenergyLighting   200F TV Fresnel Day Light     Settings   7C Lighting   200F TV Fresnel Tungsten     Defaults   A & O Lighting   300S Softlight Tungsten     Universes   A to Z Theatrical   300S Softlight Tungsten     Devices   Abeleite International   400F TV Fresnel Tungsten		Color Kinetics	Acclaim LED Fresnel		16 bit (11 Chans)		
Save   Create new fixture   1505 Softlight Tungsten     Load   OenergyLighting   200F TV Fresnel Day Light     Settings   7C Lighting   200F TV Fresnel Tungsten     Defaults   A & O Lighting   300S Softlight Tungsten     Universes   Addyn Technology   400F TV Fresnel Daylight     Ablelite International   400F TV Fresnel Tungsten	Add fixtures	Strand	Acclaim LED Zoomspot				
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OenergyLighting   200F TV Fresnel Day Light     Settings   7C Lighting   200F TV Fresnel Tungsten     A & O Lighting   300S Softlight Daylight   3 - Red     A & O Lighting   300S Softlight Tungsten   3 - Red     Universes   Addyn Technology   400F TV Fresnel Daylight   5 - Blue     Devices   Ablelite International   400F TV Fresnel Tungsten   6 - Lime	Load	Create new fixture	150S Softlight Tungste	en			
Settings   7C Lighting   200F TV Fresnel Tungsten   2 - Shutter Strobe     Defaults   A & O Lighting   300S Softlight Daylight   3 - Red     Defaults   A to Z Theatrical   300S Softlight Tungsten   5 - Blue     Universes   AAdyn Technology   400F TV Fresnel Daylight   6 - Lime     Devices   Devices   400F TV Fresnel Tungsten   6 - Lime		0energyLighting	200F TV Fresnel Day L	ight.	1 Intensity		
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Devices	Universes	AAdyn Technology	400F TV Fresnel Dayli	ght			
		Ablelite International	400F TV Fresnel Tungsten				
	Devices			ABC	Add Filter	Next >	
	<u>[1</u>						



#### ZOS-8223 Improved Fixture Search

In "SETUP > Add Fixtures", a single search bar now searches across both fixture manufactures and types.

When using an external keyboard, the search field automatically selects when entering "Add Fixtures" to improve efficiency.

Setup					
Fixture schedule	VariLite	VL800 EventPar RGBA	8 bit (9 Chans)		
	Create new fixture	VL800 EventPar WW	16 bit (14 Chans)		
Add fixtures		VL800 EventProfile	Colour (4 Chans)		
Save		VL800 EventWash			
Load					
Cattingen			1 - Red 2 - Green		
Settings			3 - Blue		
Defaults			4 - Amber		
Universes					
Devices					
	VariLite Ev	ABC	Add Filter Next >		

#### ZOS-8779 GDTF (General Device Type Format) support

GDTF, jointly developed by the GDTF Group, is an industry standard for entertainment fixture profiles, intended as a unified definition for the exchange of data for the operation of intelligent luminaires.

A GDTF file for a specific fixture can be downloaded from the fixture manufacture's website, or <u>GDTF Share</u>, and loaded into the console's library via USB (SETUP > Load). The fixture can then be patched in the usual way (SETUP > Add Fixtures).

Fixtures from manufactures who do not provide GDTF files can be built using the <u>GDTF Builder</u> online tool. This tool will replace "Zero 88 Fixture Tools" as the primary way to make comprehensive fixture personalities, including multicell fixtures.

GDTF files will soon become available for all current Vari-Lite luminaires. These files will be available to download from <u>GDTF</u> <u>Share</u> or the <u>Vari-Lite website</u>.

## Enhancements and Bug Fixes

ZOS-8734 In SETUP, only RDM, ASCII, .ift files and old fixture files are highlighted red, indicating they may not be "fully featured" and should be converted to the latest library file, if available Fixed issue where Phantom ZerOS would display an error if Windows enters sleep or hibernation ZOS-9487 ZOS-10717 ZerOS will now present an error when attempting to load invalid fixture files (eg, fixtures with no parameters) ZOS-10917 Colour Mixing will now only affect Colour Temperature parameters with a single, defined temperature range ZOS-10950 Fixed issue where "Convert Fixtures" occasionally incorrectly filtered the library Fixed issue within custom fixtures where subtractive colour parameters were occasionally treated as additive ZOS-10981 Future software updates won't unnecessarily highlight patched fixtures within old showfiles in red ZOS-10982 ZOS-10983 Fixed stability issue within Phantom ZerOS when 'ZerOS Remote' or 'ZerOS Monitor' was connected ZOS-10989 ZerOS "Z" icon removed from all Title Bars and desktop backgrounds throughout ZerOS ZerOS boot animation added ZOS-10990 ZOS-11014 Improved performance in scrolling and cursor movement ZOS-11020 Fixed issue where Inhibit Playbacks could stop working after reboot ZOS-11026 Fixed stability issue related to Tracking Backup and Generic Multicell fixtures ZOS-11030 ZerOS Library 3.3 included

## Known issues

No known issues



# Software Update Instructions

## Introduction

Please familiarise yourself with these update instructions before proceeding. Instructions must be followed accurately and in order. Deviations or omissions could render the desk unusable and require it to be returned to the factory for recovery.

If any difficulties are encountered at any point, or you are in doubt on any of the instructions below, then do not proceed any further with the update and contact Zero 88 for assistance.

The software installation process completely removes all data on the console, including any current show files. If the current show file is still required, **please ensure that** <u>backups</u> are taken before proceeding with the update. After completing the update, you may re-load your show if required.

When performing a software update it is important to ensure that the power supply to your desk is stable and reliable. Power loss during a software update can render your desk unusable.

## Consoles running ZerOS 7.8.3 or later.

To perform the update:

- Download the software from the Zero 88 website (zero88.com/zeros)
- If the file is zipped (.zip), unzip the download
- Save the .exe file onto a USB stick (don't put it inside any folders)
- Plug the USB stick into your console
- Press SETUP to enter the console's setup screen and choose "Load" on the monitor
- Select the file from the list displayed on screen and follow the onscreen instructions
- Once the update is complete, remove the USB Memory Stick and reboot the desk

Once all the software is up to date, you can get on with enjoying the new features in the desk software. Zero 88 recommend printing these Release Notes and having them with you when operating the desk, as some functionality may have changed which is explained in these notes.

#### Consoles running ZerOS 7.8.2.39 or older.

To update a console running ZerOS 7.8.2.39 or older, please visit <u>zero88.com/manuals/zeros/software-updates/zeros-usb-creator</u> for instructions.