

ZerOS Software Release (Release Candidate)

Released Version:	7.10	Release Date:	9 November 2021
Previous Versions:	7.9.9	Release Date:	14 December 2020

ZerOS 7.10 Software Release

Introduction

Release 7.10 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 7.9.9 and 7.10.

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 7.9.9.

Show files are not backwards compatible (from ZerOS 7.10 to ZerOS 7.9.9 or previous).

Update Instructions

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

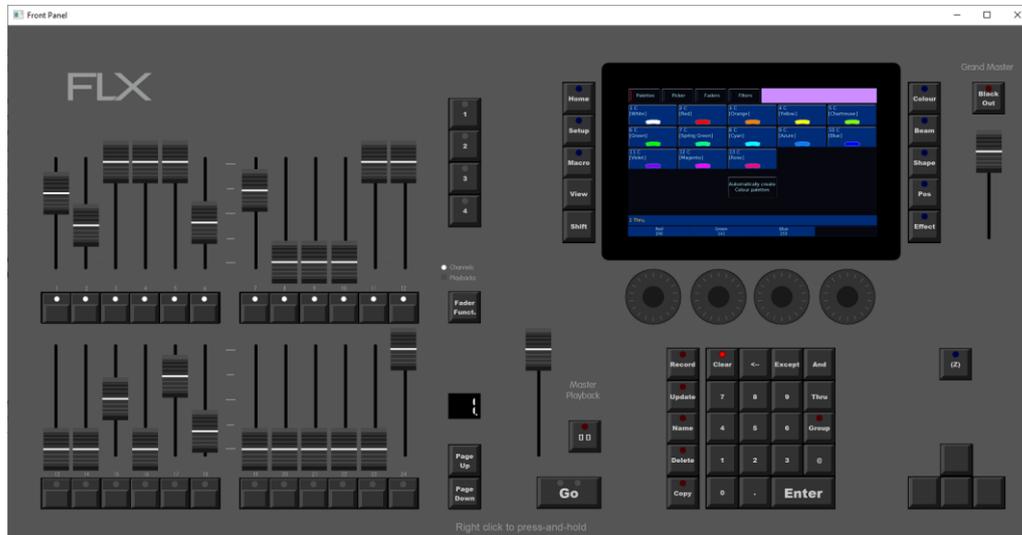
The software installation process completely removes all data on the console, including any current show files. If the current show file is still required, **please ensure that backups are taken before proceeding with the update.** After completing the update, you may re-load your show if required.

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-8713 Phantom ZerOS Front Panels updated for FLX, FLX S24 & FLX S48

Front panels for FLX and FLX S have been redesigned, with all-new graphics and a colour scheme designed to reflect the appearance of the physical consoles. Text, graphics, and built-in screen are, at a minimum, twice the previous resolution. The Front Panel layouts more accurately reflect to-scale the physical layout of the consoles and button legends match the physical consoles rather than being shortened (eg "Colour" rather than "Col" and "Black Out" rather than "DBO").



ZOS-9984 Move-on-Dark per-cue (aka "Mark Cue")

Move-on-Dark can now be triggered per-cue, rather than automatically (aka "Mark Cue").

First, go to Playback Settings > Move on Dark and select "Don't Move..." Colour / Beam / Shape / Position / Effect.

Second, go to Cue Settings and the relevant "Don't Move" buttons have changed to "Move".

ZOS-10540 Move functionality added to FLX & FLX S

The "Copy To" window on FLX & FLX S has been updated to a "Copy / Move" window and includes the option to "Copy" or "Move" a Playback or Cue. SHIFT + COPY selects "Move" by default.

On FLX, SHIFT + COPY adds "Move To" into the command line, allowing for syntax such as "Colour 5 Move To Colour 20"

ZOS-10554 Multicell support

ZerOS now supports native control of 'multi-cell' fixtures, such as the Strand Aurora LED Strip or Vari-Lite VL800 EventWash, allowing individual pixel control, offsetting effects across fixtures, and spreading colour across battens using multi-touch.

This update affects many aspects of ZerOS - including Fixture Selection, Output Window, Groups, Move-on-Dark, RemDim, Highlight, Next & Previous, etc.

There are YouTube videos available that cover these changes and the ZerOS Online Manual has been updated to reflect these changes: zero88.com/manuals/zeros

On syntax consoles (FLX, ORB Series), sample syntax includes:

- 1.5 @ 50 ENTER (cell 5 of fixture 1 is taken to 50%)
- 2 THRU 5 ENTER (fixtures are selected, so offsets and effects apply to whole fixtures)
- 2. THRU 5. ENTER (cells are selected, allowing offsets and effects to apply across cells) 1 THRU 3 ENTER .5 ENTER (cell 5 of fixtures 1, 2 & 3 are selected)

On fader-per-channel consoles (FLX S, Solution), sample actions include:

- Selecting linear devices (eg LED Battens) - cells are selected, allowing offsets and effects to apply across cells
- Selecting non-linear devices (eg LED Wash) - fixtures are selected, so offsets and effects apply to whole fixtures
- SHIFT+Channel button will select each cell in turn

ZOS-10773 ZerOS Library v2.4

ZerOS Library v2.4 is included. The new library contains updated Art-Net OEM codes and over 26,000 fixture personalities.

ZOS-10801 Increase / decrease syntax now scales

"+" & "-" syntax, such as 25 @ +10 ENTER, now increases the intensity of Channel 25 by 10% of its current intensity.

For example, if Channel 25 is at 30%, the syntax 25 @ +10 ENTER will result in Channel 25 at 33% (previously this syntax would result in the channel at 40%).

Similarly, if Channel 1 is at 50% and Channel 2 is at 25%, the syntax 1 AND 2 @ +50 ENTER will result in Channel 1 at 75% and Channel 2 at 37.5% (previously this syntax would result in the channels at 100% and 75% respectively).

ZOS-10802 Increase / decrease syntax now available on FLX

[Shift] [Up Arrow] now acts as "+" and [Shift] [Down Arrow] not acts as "-".

This allows FLX consoles to access syntax such as:

- 15 @ +20 ENTER (where channel 15 increases by 20%)
- 23 @ -5 ENTER (where channel 23 decreases by 5%)

"+" & "-" can also be used to quickly increase / decrease cue fade times in 1 second increments when the fade time cell is selected.

Enhancements and Bug Fixes

ZOS-7126	Grey box indicators in Output Window now display during Move-on-Dark, and hide when complete
ZOS-8721	Fixed issue where, when selecting a fixture, encoders would page to the last set of parameters
ZOS-10406	Fixed rare issue where CITP fixtures were associated to incorrect ZerOS fixtures
ZOS-10618	Fixed issue causing ZerOS to crash when attempting to view a fixture with no Intensity parameter in Fixture Levels window
ZOS-10637	Fixed rare issue where internal touchscreen could become unresponsive
ZOS-10638	Fixed issue where some showfiles saved in ZerOS 7.9.8 or earlier could fail to load into newer versions of ZerOS
ZOS-10640	Fixed issue where selecting multiple RGB fixtures could display identical parameters on the encoders
ZOS-10646	Potential stability issue fixed
ZOS-10654	RigSync can no longer make automatic changes whilst manual changes are in progress
ZOS-10700	Fixed issue where the Auto Effect Palette "Step Square " would incorrectly behave as "Chaser - 1/4"
ZOS-10725	Fixed issue on ORB and Solution where some Beamshape parameters weren't recorded into palettes
ZOS-10730	Improved stability when leaving SETUP after deleting a fixture which was selected
ZOS-10732	Fixed issue where some fixtures had incorrect CMY defaults
ZOS-10733	Fixed issue where incorrect parameters were used during Macros of Custom Fixtures files
ZOS-10739	Improved stability when RigSync discovers a fixture with no fixture personality and no support to create one over RDM
ZOS-10753	Fixed issue where RigSync wasn't always using ZerOS Library data when patching fixtures
ZOS-10754	Fixed issue where ZerOS could crash when resetting a console that has multiple RDM fixtures of the same model patched
ZOS-10756	ZerOS Wing now works correctly with ZerOS Server
ZOS-10759	Improved stability with ZerOS Server when receiving CAN messages during power on
ZOS-10760	Fixed issue where RGB parameters were incorrectly inverted on RDM-built fixtures
ZOS-10761	Improved stability when continually moving a "Speed Override" playback whilst tapping Master GO simultaneously
ZOS-10769	ZerOS "upgrade" screen within SETUP has been reworded to reflect the website's change of functionality
ZOS-10772	Improved stability when deleting fixtures whilst blind mode is active
ZOS-10793	The Pan / Tilt grid now works with "Tilt-only" fixtures (such as LED battens with tilt control)
ZOS-10799	When copying large Playbacks, a progress dialog will now be displayed
ZOS-10805	Potential stability issue fixed
ZOS-10816	Fixed issue on Solution causing error when recording User Macros via the MFKs
ZOS-10828	Within the Fixture Schedule, "DMX In" is now hidden on hardware that doesn't support DMX in
ZOS-10853	Improvements made to Move on Dark when dealing with fixtures (or cells) which don't have an intensity parameter
ZOS-10862	Removed ability for legacy showfiles to communicate with Enttec Wings, which was causing stability issues

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 backups 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)
- Unzip the download and 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 zero88.com/manuals/zeros/software-updates/zeros-usb-creator for instructions.