

ZerOS Software Release (Public Release)

Released Version:	7.8.0	Release Date:	6 th March 2014
Previous Version:	7.7.0	Release Date:	25 th July 2013

ZerOS 7.8.0 Software Release

Release 7.8.0 of ZerOS is a major new software release recommended for all consoles and servers running the ZerOS Operating System (listed below). These release notes describe the new features and bug fixes that have been implemented between versions 7.7.0 and 7.8.0.

Products Affected

- ✓ ORB Series Consoles
- ✓ Solution Series Consoles
- ✓ SCD Server & SCD Server Pro
- ✓ Phantom ZerOS (offline software)
- ✓ FROG 2
- ✓ Leap Frog 48 & 96

Compatibility

No compatibility issues known from 7.7.0

Update Instructions

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

The software installation process completely removes all data on both the console and the USB memory stick. If the current show file is still required, it must be saved and stored somewhere other than the console or USB memory stick being used to perform the software update.

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.

If you are in doubt on any of the instructions below please contact your Zero 88 dealer or Zero 88 directly.

New Features & Enhancements

ZOS-3193

Tracking Backup

Tracking Backup allows two consoles (or a console and an SCD Server) to continuously back each other up in show critical situations. If one console goes offline for any reason, the other console will automatically take over. 7.8.0 fixes several issues relating to Tracking Backup, and simplifies the setup by automatically searching for other consoles on the network. If no consoles are found, 'Manual Entry' can be chosen to enter the fixed IP address of the Master console.

This also covers the following issues: ZOS-2973, ZOS-2977, ZOS-4079, ZOS-4080, ZOS-4081, ZOS-4082, ZOS-4083, ZOS-4112, ZOS-4113, ZOS-4114, ZOS-4115, ZOS-4845, ZOS-4848, ZOS-4849, ZOS-4850, ZOS-4851, ZOS-4852, ZOS-4853, ZOS-5060, ZOS-5506, ZOS-5507, ZOS-5509, ZOS-5510, ZOS-5515, ZOS-5516, ZOS-5587, ZOS-5590, ZOS-5603

ZOS-3715

Inclusive Group Selection Mode

The Groups Window now includes the following options: 'Single Select / Multiple Select', 'And', 'Except' and 'Clear'. 'Multiple Select' allows multiple groups to be chosen without having to use 'And' syntax. Group selections will be added to the current channel selection until another command is made, at which point selecting a group will start a new selection. 'And' and 'Except' are included for convenience, and work as per their equivalent front panel keys. 'Clear' will only allow the channel selection to be cleared, and never the Programmer (unlike the equivalent front panel key).

ZOS-5047

'Clear' command switched around.

'Clear' now clears the channel selection first, and the programmer second.

ZOS-5457

Linux Kernel updated to 3.10.9

The new Linux Kernel brings additional support for Touch Screen Drivers, better network management and several other behind-the-scene updates.

ZOS-5505

Info, overview and monitoring windows combined

Desk Info, Network Overview, System Info, Event Monitor and Input Capture can now all be found together by choosing 'Other Windows' in the Output Window and selecting 'System Info'. Previous 'System Info' window has now been split into 'System Info' and 'System Text'. 'Input Capture' is now available inside 'Event Monitor'.

ZOS-5511

New Delete, Copy and Move specification implemented

When 'Track' is enabled, all values from the source cue will be copied and moved, whether hard values or tracked values. Channels from the previous cue (of both the source and destination cue where applicable) will track through the changes made. When 'Cue Only' is enabled (or the console is in 'Non Tracking' mode) no other cues will change appearance.

ZOS-5512 'System Settings' tab added

This has been added to 'SETUP > Desk Setup' and includes Time / Date, Desk Type (SCD Server only) and a new 'Desk Name' which is used when setting up Tracking Backup and will be implemented further in the future.

ZOS-5644 Updated Fixture library included within ZerOS

Release 26 of the Zero 88 Fixture Library is now included within ZerOS. This release contains 3637 fixtures from 209 different manufactures. For more information, please visit www.zero88.com/software/library

Bug Fixes

ZOS-445	'Clear' command now ignored when untagging fixtures or holding clear
ZOS-4112	Recording multiple cues using 'THRU' occasionally didn't record correctly
ZOS-5436	'Select Manager' re-written to prevent various lockups across all consoles
ZOS-5438	Code added to ensure Memories can always be selected on Solution
ZOS-5466	Custom Fixtures no longer lose their Gobo Preview Images
ZOS-5490	Crash when Palette Window tries to display a bitmap that hasn't loaded
ZOS-5504	Snapping back (SHIFT+PAUSE PAUSE) calculated timings wrong
ZOS-5508	STACK {Playback x GO} can now select cue stacks that are empty
ZOS-5513	If the NVR had failed, the showfile on flash was not loaded
ZOS-5520	'Group x Thru y' wasn't working correctly
ZOS-5528	Cues didn't update when palette reference was updated
ZOS-5529	"GetCurrentScene" CAN message caused a lockup
ZOS-5531	Area numbers on cue stacks were forgotten on reboot
ZOS-5532	Fan and Colour Mode settings were not saved in showfile
ZOS-5533	Source Controller and Desk Interface's Node & Segment numbers clashed
ZOS-5554	Issues when installing and booting FROG2s with old hardware (ST-Main)
ZOS-5557	SCD Server 'Source Controller' can now control all four universes
ZOS-5558	Default channel names (iCAN Soft) now include universe and DMX info
ZOS-5559	Default 'Source Controller' names now include Universe and DMX range
ZOS-5560	'Scene 0' messages weren't triggering the 'Blank Cue' (Cue 0)
ZOS-5561	Alarm Scene was scene 135 instead of 132
ZOS-5583	Default and home values weren't remembered on reboot
ZOS-5589	'Update Cue' was rerunning move on dark
ZOS-5591	Chase Speed wheel on Solution was delayed
ZOS-5594	Midi Timecode values weren't getting recalled
ZOS-5607	Added ability to Enable / Disable Source Controllers
ZOS-5608	Released cue stacks weren't always resetting to first cue
ZOS-5610	'Group x Record Sub y Enter' syntax had stopped working
ZOS-5611	Speed Issues regarding LCD refreshes and DMX Output solved
ZOS-5629	'Unblock' was not unblocking first cue
ZOS-5630	'Group A Move To Group B Enter' syntax had stopped working
ZOS-5635	iPad Keyboard size and speed issues
ZOS-5637	+ / - keys weren't changing settings on Solution
ZOS-5641	Smart Tag (+ Non tracking) was ignoring effect settings when at 0%

ZOS-5642	Test Mode Panel for SCD Server was incorrect
ZOS-5643	Sound Input was affecting Auto chases too
ZOS-5646	Unrecorded views (across all desktops) were not saved in showfile
ZOS-5648	Deleting currently active cue continued to output that cue
ZOS-5651	Phantom ZerOS Monitor Displays' can now be shrunk when required
ZOS-5654	Right Click now disabled on SCD Server
ZOS-5655	Command Line wasn't visible in the 'Programming' desktop while in setup
ZOS-5656	'Edit Fixtures' covered up the desktop selection
ZOS-5657	Move on Dark glitches when using 'SHIFT+GO' & 'PAUSE PAUSE' syntax
ZOS-5660	'Smart Tag' rules no longer used when recording submasters
ZOS-5662	Remote Monitor displays now much more responsive
ZOS-5663	Popups now appear on the 'Programming' Desktop
ZOS-5664	Input now accepted from Remote Monitor (requires Remote Monitor 1.2.0)
ZOS-5665	'G' in 'Edit fixtures' no longer changes group when editing a text field
ZOS-5666	Coms update rate for DMX now variable to improve performance
ZOS-5670	'Next Cue' wasn't advancing with Smart Tag enabled (or Non tracking)
ZOS-5672	Improvements made to text rendering speeds
ZOS-5673	Improvements made to speed of reading large USB Memory Sticks
ZOS-5674	'Smart Tag' rules changed when recording palettes
ZOS-5675	LCD config settings more secure to avoid possibility of getting reset
ZOS-5677	Auto-palette effects didn't work on virtual channels
ZOS-5679	Removed encoder click syntax from ORB Series consoles
ZOS-5683	Changing settings using + / - weren't getting saved

Known Issues

After running the USB Installer, Microsoft Windows 7 might prompt that "This program might not have installed correctly". Users should click "This program installed correctly" to close this window.

Software Update Instructions

Introduction

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.

Software downloaded from the Zero 88 website needs to be unzipped first in order to perform the updates. If you experience problems using the built-in zip functions of Microsoft Windows, then try Winzip (www.winzip.com).

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, then do not proceed any further with the update, and contact Zero 88 for assistance.

If you are in doubt on any of the instructions below please contact your Zero 88 dealer or Zero 88 directly.

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.

The update process will wipe the desk including any current show files so please ensure that backups are taken before proceeding with the update. After completing the update you may re-load your show if required.

Installing the software (USB)

To perform the update, you will need a USB Memory Stick, which will be erased and formatted as part of the process. Make sure you first backup any data on the USB Memory Stick that you wish to keep.

Some types of USB Memory Stick may not be bootable by the desk. If you experience any difficulties then try using the Zero 88 USB Memory Stick supplied with the desk. The update will reinstall all the software on the desk. An .exe file (USB Install Creator application) is run on a Windows PC to create a bootable USB Memory Stick.

Download the USB Install Creator application from the Zero 88 website (<http://www.zero88.com/software/zeros>) and, after unzipping, run it. Insert a USB Memory Stick into your Windows PC when prompted and follow the on screen instructions of the USB Install Creator. After a few minutes, the install creator will

instruct you to remove the USB Memory Stick, which now contains the update for the desk.

Remove the USB Memory Stick from your PC and insert it in one of the desks USB ports. Power on the desk and the desk will automatically boot into the software update application. It is recommended that you have a monitor, keyboard and mouse connected to the desk to perform this update. Press the [Install ZerOS] button on the monitor and the software will be installed.

Once the update is complete, you can remove the USB Memory Stick and reboot the desk. At this point your desk contains the latest software.