

ETC® Release Note

Eos® Family Lighting Control Software



Product Line:

Eos Lighting Control Family

Description:

Version 1.8.1 software

Eos Lighting Control Family Software Components

Eos FamilyConsole MainApplication	1.8.1.9.0.5
ECU	1.8.0.9.0.6
XPe (Eos)	2.1.0.9.0.2
XPe (Ion, RPU)	2.1.0.9.0.2
XPe (RVI)	2.1.0.9.0.3
XPe (Ion RPU)	2.1.0.9.0.2
XPe (Element)	2.1.0.9.0.2
ACN Libraries	1.3.0.9.0.4
ETCNet2	4.0.18.9.0.1
AppMux	4.0.7.9.0.0
Network Common	1.3.0.9.0.2
Network IPCFG	1.3.0.9.0.2
Carallon Library	5.4.0.9.0.17

Engineering Change Master (ECM):

500006437

Effective Date:

2010-01-18

Purpose

The purpose of this release is to address a small number of critical software issues.

For any questions relating to the contents of this release or the behavior of this software, please contact ETC Technical Services at the office nearest to you. A list of ETC offices is given at the bottom of this page.

Availability

You may obtain this release of software by downloading it from the Downloads section of the ETC website, www.etcconnect.com.

It is recommended that you check the ETC website for the most up-to-date software (both for your console and offline software) to accompany this release.



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Web: www.etcconnect.com ■ OSF 4.1.9.1 ■ Copyright © 2010 ETC. All Rights Reserved. ■ Product information and specifications subject to change.
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Affected Products of This Release

The following Eos Family products are affected by this software release:

- Eos
- Ion
- Element
- Eos Remote Processor Unit (RPU)
- Ion Remote Processor Unit (RPU)
- Net3 Remote Video Interface (RVI)
- Eos/Ion/Element Client
- Eos/Ion/Element Offline

Documentation

The current documentation for Eos is the Eos/Ion v1.8 Supplement to Operations Manual Revision A and the Eos v1.7 Operations Manual Revision A. The current documentation for Ion is the Eos/Ion v1.8 Supplement to Operations Manual Revision A and the Ion v1.7 Operations Manual Revision A. The current documentation for Element is the Element v1.6 User Manual Revision A. Please keep this release note with your user manual for descriptions of the newest features, changes and bug fixes in Eos Family. ETC manuals can be downloaded free of charge from ETC's website at www.etcconnect.com. They are available in portable document format (.pdf), and viewable with Adobe® Acrobat® Reader™ v6.x and later.

Compatibility

ACN

The software is compatible with all Net3™ products that meet or exceed ESTA ratified standard BSR E1.17 2006 Architecture for Control Networks (ACN) and the current draft specification of BSR E1.31 Streaming ACN (sACN).



CAUTION:

Eos show files are forward compatible to v1.8.x. However, v1.8.x show files are not backward compatible to v1.4.x and previous, due to changes to the file structures to reduce show file size. Please contact ETC Technical Services at the office nearest to you if you feel the need to downgrade to a 1.4.x build for any reason.

ETCNet2 Network Compatibility

This release is compatible for the exchange of EDMX and/or configuration information with the following ETC hardware and software:

- **Eos® Family Lighting Control System** - Version 1.0.0 and later software.
- **Congo™/Congo jr** - Version 4.0.0 and later software.
- **Emphasis® Control System** - Version 1.4.0 and later software.
- **Obsession® II Control System** - Version 5.1.x software.
- **Network Configuration Editor (NCE)** - Version 4.x.x and later software.
- **Net3 Four Port Gateway (ETCNet2 mode)** - Version 4.0.0 and later software
- **Net3 Show Control Gateway** - Version 1.0.0 and later software
- **Net3 I/O Gateway** - Version 1.0.0 and later software
- **ETCNet2 DMX Node** - Version 4.0.6 and later software.
- **ETCNet2 Two Port Node** - Version 4.1.4 and later software.
- **Unison®** - Version 1.9.x software.

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Incompatibility

Eos Family v1.8.1 is incompatible with hardware and software running ETCNet2 software prior to those listed above.



CAUTION:

Until your ETCNet2 nodes and Net3 gateways are updated to the versions listed below by NCE v4.2 or later, you must turn off/disable the (DHCP) Address Server in the Eos Configuration Utility (ECU). In the ECU: Settings>Network>Net3 Settings. Make sure "Enable Address Server" is unchecked.

Software Versions that are compatible with DHCP servers:

ETCNet2 DMX Node (4.0.6)

ETCNet2 Two Port Node (v4.1.4)

ETCNet2 Video Node (v4.0.2)

Net3 Four Port Gateway (ETCNet2 mode v4.0.3 or later)

Eos Family v1.8.1 is incompatible with hardware and software running ETCNet1.

Key Enhancements in 1.8.1

- Bug Fixes
- There are no new features in this release.

Key Enhancements in 1.8.0

- Mirror mode
 - Element Implementation - An Element console can be mirrored by an RVI or a client PC. An RVI or a client PC will automatically run in mirror mode when they see an Element console in primary mode online. A mirror display will give options to **{Stop Mirroring}**, **{Exit Element}**, and **{Power Off Console}**. To view the mirror display, press **[Browser]** and then the **{Mirror}** softkey. This display can also be opened with the keyboard shortcut ALT + M. For more information on mirror mode, see the Eos/Ion v1.8 Supplement to Operations Manual.
- Fan

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Installation Instructions

New Eos Family consoles will ship with the current version of software loaded and you do not need to update the software in the console to begin using it.



Note: *All processors on the Eos Family network must be running the same version of software. Therefore, you must also update all RVIs and RPU's when you update your console.*

Software Installation

To update your console or offline software to the v1.8.1 release, you will need to download it from the ETC website, unzip the file, load it to a USB device, and then transfer it to your console from the USB port using the Eos Configuration Utility (a.k.a. Eos Shell).



Note: *During installation, the following error message may appear:
"Installshield could not shut down AppMux."
If this message appears, click {OK} and allow the installation to complete. The error will then be resolved when the system completes the reboot process.*

To update your console to v1.8.1:

- Step 1: Download the software from the ETC website (www.etcconnect.com - click "Downloads" at the top of the page).
- Step 2: Unzip the file.
- Step 3: Transfer the unzipped file to a USB memory device.
- Step 4: Insert the USB device containing the software into an available USB port on the console.
- Step 5: Open the Eos Configuration Utility (ECU - Also known as the Eos Shell) either by exiting the Eos Family software (**Browser>Exit**) or by starting up the console and clicking on the **{Launching in...}** button. The ECU screen will open.
- Step 6: Click on the **{Settings}** button. The settings window will open.
- Step 7: Click on the **{General}** button inside of the settings window. The general settings will appear in the window.
- Step 8: Scroll down in the window until the **{Software Update...}** button is visible. Click this button.
 - This scans the root directory of all available drives (USB drives) for valid installers.
- Step 9: When the "Update Software" dialog pops up, click on **EosFamily_Console_v1.8.1.9.0.5**, then click **{Install}**.
 - This launches a standard Installshield application to direct you through the install.
- Step 10: Click **{Next}** to start the installation process. A dialog box will open warning of losing show data if not saved to disk.
- Step 11: Click **{Yes}** to continue. The console will install the software.
- Step 12: Click **{Finish}** to complete the installation process. The console will automatically reboot and then enter the ECU welcome screen.

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Offline Software

The offline software installers now include the drivers for ETC USB devices (such as fader wings). When you first connect a USB device to your Windows® XP or Vista® PC, the “Found New Hardware” wizard will appear and prompt you to install the drivers. Select the appropriate option based on your operating system (see below).

XP - Select the “Install the software automatically (Recommended)” option. This should appear in the second screen of the XP “Found New Hardware” wizard.

Vista - Select the “Locate and install driver software (Recommended)” option. This should be the first screen of the Vista “Found New Hardware” wizard.

After completing the wizard procedure, the USB device should be operational with your PC.

Issues Corrected in v1.8.1

RND 0011115	Backup started with facepanel communications problems will cause Primary to stop outputting to the rig
RND 0011105	System slowdown in spreadsheet display
RND 0011065	Slowdown introduced in 1.8 with Mirror Mode implementation
RND 0011064	When a Backup takes over during the execution of a lamp command, the command is stopped
RND 0010997	Add Logs for delays in the display refresh notification code
RND 0010990	Merging a showfile after setting Num Channels below 5000, can cause crash
RND 0010962	Redundant Channels in Patch are not Fully "Cleaned" When Loaded Into EOS
RND 0010889	Eos crashes when displaying about info for an address.
RND 0010876	I/O card memory leak.
RND 0010836	[address 3 thru 1] hangs in patch
RND 0010725	eDMX output stops while transferring Master control
RND 0005121	Ion LCD freezes, requiring a restart

Known Issues Remaining in v1.8.1

RND 0011221	Virtual and Physical encoders parameter data displays respond differently to fixtures with non matching parameter min/max values
RND 0011211	About Channel – Patch Status column doesn't show any information
RND 0011209	About Channel – Next Intensity Level is covered by {Current Value} button
RND 0011202	Merge show file from a client is changing show file path
RND 0011192	Current Cues display in iRFR
RND 0011146	VL2500 Wash Fixtures need longer lamp commands
RND 0011145	Wybron Coloram_2_Scroller_Fan_Enabled profile has incorrect scroller fan range
RND 0011135	Blind Spreadsheet displaying incorrect levels
RND 0011111	AIINPs key includes Intensity when no other parameters are patched
RND 0011091	Generic Scroller cannot be calibrated
RND 0011089	Disabled Grandmaster can cause GM level to be set at fader position on startup and disabling Blackout while it is in blackout causes console to stay in blackout.
RND 0011032	Invert Pan and Swap Pan/Tilt always display as 'On' in About Address
RND 0011031	Lamp commands for The X-Spot Xtreme fixtures are not setting the Shutter parameter to zero.
RND 0011020	GM at 0% doesn't fade lights up after restart of application
RND 0011013	Able to patch address within address range
RND 0011004	Utilization report is incorrectly calculating the "Cues referencing this preset"
RND 0010971	A Deep Clear on an Element should result in a 1 to 1 Patch.
RND 0010969	Mirror devices are not paging Blind Spreadsheet and Blind Channel displays correctly.
RND 0010967	Discreet channel timing is not displayed when pressing {Time} on the mirrored device
RND 0010948	Inhibitive subs displaying all NIs as Inhibitive in spreadsheet
RND 0010929	GoTo Cue should not execute follows on synced cue list
RND 0010903	Unable to learn Lamp Control Macro
RND 0010902	When the default Assert Time is set to zero, when LTP Subs are asserted they go to an incorrect level.
RND 0010898	Mac - Apple menu bar covers part of the main display

Known Issues Remaining in v1.8.1 [Continued]

RND 0010863	Not able to use Hue/Sat for scrollers after a File-New on the new color encoder page
RND 0010849	MoveTo in patch with overlapping range, moves all channels to last channel
RND 0010815	Restarting Element application causes address 500 to become patched
RND 0010804	Using the Master Fader buttons to record [Go] and [Stop/Back] into a Macro causes a double Go and a double Stop to be recorded into the actual Macro.
RND 0010803	Not closing the Scroller Expand screen on the new color encoder display causes the screens to overlap when a new channel is selected.
RND 0010801	After pressing Tab on a keyboard you cannot use the keyboard arrows to page displays
RND 0010797	Changing the update mode (Update All, Make Absolute and Break Nested) causes the displays to autopage.
RND 0010786	blind edits to LTP subs at full do not happen live
RND 0010765	Multiconsole allowed on devices running different builds of Eos, causes a sync error that can not be cleared.
RND 0010762	About Channel Moves display is blank if the channel is manual
RND 0010751	[Chan 1 at Full Sneak 10] snaps effect off instead of sneaking it
RND 0010720	[Select] is not working to make Mirror Mode selections.
RND 0010719	A Macro that exits out of Mirror Mode is displayed as only 'Mirror' in the Macro editor.
RND 0010707	"c" not displayed for captured channels after recalling cue
RND 0010705	Element Channel/Submaster status not being followed on mirroring device
RND 0010678	Cannot assign channel blocks to cue parts using update
RND 0010659	[recall from] of blocked level over a range of cues, creates unnecessary blocks.
RND 0010645	Effect editor arrow keys not working properly
RND 0010637	About window sometimes shows level that is different from display/network level
RND 0010634	[Select Active][select manual] and [thru] ranges should not include channels outside of your partition
RND 0010616	Cannot set technobeam color wheel to a DMX value of 10
RND 0010614	Highlight affecting selected channels outside of users partition
RND 0010612	[chan 1 thru 5 select active] including preheat channels
RND 0010607	Solo mode not stopping all external links to cuelist
RND 0010576	Flexi patch on expanded monitors shows duplicate channels
RND 0010558	Blind spreadsheet ignoring flexi mode on startup
RND 0010542	Split screen PSD resizes top display to 1 row on start
RND 0010531	Expanding the Direct Selects is changing the Slider Display Offset
RND 0010529	RDM and CEM+ Patched Channels do not indicate an Error when they go offline
RND 0010528	Learning Flexi View Channels macro doesn't work
RND 0010498	Non-existent parameter categories for a fixture are displayed in collapsed Live Table
RND 0010495	[Effect 1 step 1 thru 5 Chan 1] only puts chan 1 in step 1
RND 0010473	Double key hits stops macro playback
RND 0005449	RFR left thumbwheel doesn't work when eos is set to a non-English language
RND 0005447	Ion snaps to full during manual cue playback
RND 0005433	Fixture Updates Do Not Always Update Parameter Defaults
RND 0005421	Eos Offline windows don't display all information or buttons when resized.
RND 0005419	[F4 – Format] doesn't work in PSD for MAC offline after installing it
RND 0005370	Expanded monitors not updated in Patch by Address/Patched Flexi mode
RND 0005350	CMY Effect not playing, when in HS format
RND 0005349	Automark ignores intensity effects
RND 0005182	Unplugging and plugging a Gateway causes Eos to lock up
RND 0005161	Expanded Patch display shows duplicate information
RND 0005123	Channel Table parameter configuration lost, when address changed in patch
RND 0005010	Address Checking across parked addresses is un-parking those addresses.
RND 0004765	flash next/last does not skip NI parameters
RND 0004763	[Cue Intensity Block] only blocks master intensity for multiple intensity devices
RND 0004748	Changing the Language on Eos or Ion causes the external keyboard to stop working.
RND 0004422	Changes to serial settings on Eos require a restart
RND 0004266	Effect [Grouping] doesn't work with non-default [Trail]
RND 0004102	Submaster HTPing with Captured manual level

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Known Issues Remaining in v1.8.1 [Continued]

- RND 0004092 Clearing out of a highlight state by pressing [High/Low] again does not take channels without background levels to their home position
- RND 0003823 Cue delay time does not apply to an effect
- RND 0003727 Moving a single part of a part cue to a whole cue is incorrect
- RND 0003576 MoveTo In patch, appends to destination rather than overwriting it
- RND 0003329 When an address conflict occurs within different parts of the same channel, a confirmation is not required.
- RND 0002937 MIDI time code events not syncing up between Master and Backup after opening from a different show
- RND 0002590 Blocking a cue stops effects that were tracking into it
- RND 0002316 Step Effect – deleted steps reappear if an arrow key is the first key pressed after deleting.
- RND 0001996 [Select Active] is not grabbing active channels within a single part.