

ETC® Release Note

Eos® Family Lighting Control Software



Product Line:

Eos Lighting Control Family

Description:

Version 1.9.12 software

Eos Lighting Control Family Software Components

Eos FamilyConsole MainApplication	1.9.12.9.0.5
ECU	1.9.12.9.0.1
XPe (Eos)	2.2.0.9.0.2
XPe (Eos with 2400 video card)	2.3.0.9.0.4
XPe (Eos RPU)	2.2.0.9.0.2
XPe(Eos RPU with 2270 video card)	2.3.0.9.0.1
XPe (Ion)	2.2.0.9.0.2
XPe (Ion RPU)	2.2.0.9.0.2
XPe (Ion RPU with 2270 video card)	2.3.0.9.0.1
XPe (Element)	2.2.0.9.0.2
XPe (RVI)	2.2.0.9.0.2
XPe (RVI with 2270 video card)	2.3.0.9.0.1
Wes7 (Gio)	3.0.0.9.0.15
ACN Libraries	1.3.0.9.0.44
ETCNet2	4.0.18.9.0.1
Network Common	1.3.0.9.0.15
Network IPCFG	1.3.0.9.0.17
Carallon Library	7.6.0.9.0.38

Engineering Change Master (ECM):

500009829

Effective Date:

2012-07-17

Purpose

The purpose of this release is to add support for Fader Wings built after June 2012 and to correct a small number of defects. For installation with Fader Wings built after June 2012, you must install version 1.9.12 for compatibility.

This software release is highly recommended for all users of the Eos Family platform (Eos, Gio™, Ion®, and Element™) running software previous to version 1.9.11. If you are running version 1.9.11, upgrade at your convenience.

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 ■ QSF 4.1.9.1 ■ Copyright © 2012 ETC. All Rights Reserved. ■ Product information and specifications subject to change.

4250M1100-1.9.12 ■ Rev A ■ Released 2012-07 ■ ETC intends this document to be provided in its entirety.

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Affected Products of This Release

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

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

Documentation

The current documentation for Eos is the Eos Family v1.9.10 Supplement to Operations Manual Revision A and the Eos v1.7 Operations Manual Revision A. The current documentation for Gio is the Eos Family v1.9.10 Supplement to Operations Manual Revision A, Gio Supplement to Operations Manual Revision A, and the Eos v1.7 Operations Manual Revision A. The current documentation for Ion is the Eos Family v1.9.10 Supplement to Operations Manual Revision A and the Ion v1.7 Operations Manual Revision A. The current documentation for Element is the Element v1.9.8 User Manual Revision A and Eos Family v1.9.10 Supplement to Operations 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 ANSI E1.17 2006 Architecture for Control Networks (ACN) and ANSI E1.31 Streaming ACN (sACN).



CAUTION:

Eos show files are forward compatible to v1.9.x. However, v1.9.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™ Family Lighting Control System** - 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 v1.9.12 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 v1.9.12 is incompatible with hardware and software running ETCNet1.

Key Enhancements in 1.9.12

- Added support for Fader Wings built after June 2012

Key Enhancements in 1.9.11

- Source 4 LED support
- Message on Primary/Backup when master has changed
- Clients automatically reconnect to new master when master has changed
- On Gio, S1 - S6 are no longer hard keys. Those six buttons are now encoder paging and category selection keys (new keycaps required)
- External alphanumeric keyboard: Condition of Scroll lock enabled/disabled maintained through a power cycle
- External alphanumeric keyboard setup option to enable/disable Space Bar from acting as a Go. Hotkey combination to toggle state (Control + G)
- Partial Patch Import
- Pan + - n now valid syntax to remove "n" from current pan (or tilt) setting
- RFR enable/disable now macroable
- Addition of All M-Speed to parameter tiles
- Ability to overlap two discrete delay times
- Go to Cue Out removes all background values
- Addition of an improper shutdown message on next power up

Key Enhancements in 1.9.10

- Support for Eos hardware change

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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 RPUs when you update your console.*

Software Installation

To update your console or offline software to the v1.9.12 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).

To update your console to v1.9.12:

- Step 1: Download the software from the ETC website (www.etconnect.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 **ETC_EosFamily_Console_v1.9.12.9.0.5**, then click **{Install}**.
 - The software will copy to the hard drive before launching a standard Installshield application to direct you through the install.
- Step 10: Click **{Next}** to start the installation process.
- Step 11: Accept the terms of the license agreement and click **{Next}**.
- Step 12: A dialog box will open warning of losing show data if not saved to disk. Click **{Yes}** to continue. The console will install the software.
- Step 13: Click **{Finish}** to complete the installation process. The console will automatically reboot and then enter the ECU welcome screen.

Offline and Client Software

For system requirements and installation instructions for Windows and Mac clients, please see the Eos Family Client Kit Quick Guide v1.9.

Firmware Update for Eos

Version 1.9.8 included an update to the Eos firmware to enable dimming of desk lamps.

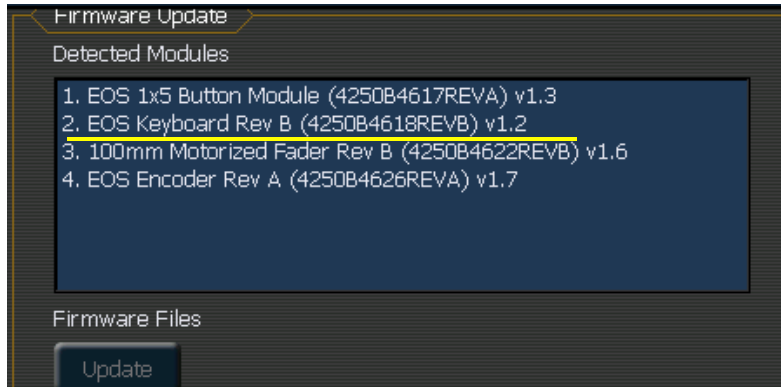
To update your Eos:

- Step 1: With v1.9.8 or later installed on your console, open the Eos Configuration Utility (ECU - Also known as the Eos Shell) either by exiting the Eos Family software

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- (**Browser>Exit**) or by starting up the console and clicking on the **{Launching in...}** button. The ECU screen will open.
- Step 2: Click on the **{Settings}** button. The settings window will open.
- Step 3: Click on the **{Maintenance}** button inside of the settings window. The maintenance settings will appear in the window.
- Step 4: Scroll down to the Firmware Update window.



- Step 5: Click on the Eos Keyboard to select it for updating.
- Eos Keyboard Rev B must be upgraded to version 1.3.
 - Eos Keyboard Rev C must be upgraded to version 1.1.
 - If you see Eos Keyboard Rev A, please contact your local ETC technical services at the phone number or email address located on page 1 of this document.
- Step 6: Click the **{Update}** button. This will open a window.
- Step 7: When the update is finished the window will say “Updated firmware successfully”, click **{Ok}**.
- Step 8: It is recommended that you reboot your console after updating the firmware.



Note: *The touchscreens and/or mouse may stop working briefly at the end of the firmware upgrade process.*

Issues Corrected in v1.9.12

- RND 0019821 Lockup/Freeze when using Fader Wing Config.
- RND 0019797 Change external fader wings via a macro.
- RND 0019093 Element and Gio report false double key hits.

Known Issues Remaining in v1.9.12

- RND 0019709 Shutdown macro is only fired when a Primary does a “Power off Console” from the browser.
- RND 0018974 [Attributes] in patch display interferes with macro
- RND 0018585 Macro wait times are ignored in Startup Macros.
- RND 0018253 Default Scroller Gel Positions Wrong on Rainbow Scrollers
- RND 0018166 Shutdown Macro's won't fire when Power Off Multiconsole System feature is used
- RND 0017957 CEM Integration Appears on at Backup even when Off at Primary
- RND 0017956 Multi-scroller channel only shows first scroller as being calibrated.
- RND 0017908 Offline software viz timeout should be longer
- RND 0017852 PSD should show default Mark Time (when used) in a mark cue if there is no other FCB movement in the cue.
- RND 0017727 Asserting an I-Master Cue List not at full is snapping to channel values, not fading using the assert time.
- RND 0017466 Add split times, category times and delay to [Goto Cue] syntax
- RND 0017456 It should be possible to provide a temporary Highlight Rem Dim value, overriding the setup Rem Dim.

Known Issues Remaining in v1.9.12 [Continued]

- RND 0017269 Flexi view channels list is not preserved through a restart
- RND 0017103 Cues fired by follow countdown are not restored after a restart, most recent cue is restored instead
- RND 0016984 Print to PDF should use showfile name by default, not "ShowFile".
- RND 0016983 It is not possible to use [Home] on a highlighted channel.
- RND 0016897 Changing active cue's linked cue does not change pending cue
- RND 0016827 Snap Intensity Params are fading on timed HTP sub bump
- RND 0016797 Clients do not show the 'Lost connection to Master' window when exiting the Master desk if the CIA is collapsed.
- RND 0016695 Marking – Blind Table incorrectly displaying a superscript 'M' in the wrong Part Cue when categories are collapsed.
- RND 0016309 LightWright import doesn't support dimmer doubling
- RND 0016301 iRFR color picker not working after mixing color in native
- RND 0016232 Flash doesn't work in Pixel Map Editor.
- RND 0016210 Resizing columns causes the external PC keyboard to stop working.
- RND 0016167 When switching to Live from Patch, all other devices with the same User number remain displaying Patch instead of bringing up the PSD.
- RND 0015850 ASCII shows do not import Show Control Events
- RND 0015817 CIA doesn't stay hidden or locked on a RPU or RVI after a restart of application
- RND 0015700 (Mac only) offline does not send/receive UDP strings
- RND 0015681 Duration effects that have finished restart on next [Go]
- RND 0015618 Direct Selects in Double Click mode do not recall Step Effects.
- RND 0015547 copying or moving cues doesn't copy time code reference
- RND 0015351 Running a manual effect on a channels controlled by a sub only runs through steps once then control is given back to the sub.
- RND 0015155 Grandmaster exempt channel faders leave errant levels behind when channel faders moved to 0
- RND 0014891 Moving a Manual Master Cue list to a different fader causes the new fader to not work until [Go] or [Stop / Back] is pressed.
- RND 0014433 Applying a label to a macro in live appears to work but it really does nothing
- RND 0014315 Changes to the mechanical intensity parameter of the Martin TW1 should not contribute to "live" or "dark" moves calculations.
- RND 0014218 About Address doesn't show any information for addresses patched in pixel maps.
- RND 0014192 When locking an Ion console, the LCD is not displaying "LOCKED OUT" if there is a completed command on the command line.
- RND 0014142 [- sub record] is recording subs effects
- RND 0014078 Movement of NPs on devices with no intensity parameter should not be considered a Dark Move
- RND 0013482 Moving lights outside of active partition should not display graphic.
- RND 0013362 Cannot override a [Go To Cue 0 Time X] command with another [Go To Cue X Time X] command.
- RND 0013296 Eos Offline for Mac should not require Admin privileges
- RND 0013094 [- group X Record] returns empty channel list error
- RND 0012992 Pot Matching arrows are not displayed on the monitor screen for the 1 x 20 Fader wing in Sub Mode
- RND 0012336 While typing labels, All levels incorrectly displayed without references until restart
- RND 0012228 Effect Number of cycles incorrect with non-zero entry time
- RND 0011914 Ion RPU monitors turn off after 5 hours of inactivity
- RND 0011798 Build Step effect with Stop/Hold exit, stops at off states, not on states
- RND 0011789 LED doesn't blink when bumping Inhibitive subs
- RND 0011779 Rem Dim does not override intensities coming from Intensity Effects.
- RND 0011587 Resizing of the channel column in step effects doesn't stay as configured when you change steps
- RND 0010902 When the default Assert Time is set to zero, when LTP Subs are asserted they go to an incorrect level.
- RND 0010849 MoveTo in patch with overlapping range, moves all channels to last channel
- 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 0010719 A Macro that exits out of Mirror Mode is displayed as only 'Mirror' in the Macro editor.
- RND 0010705 Element Channel/Submaster status not being followed on mirroring device
- RND 0005279 Merging fixtures can create two fixtures with the same name