

ETC® Release Note

Eos® Family Lighting Control Software



Product Line:

Eos Lighting Control Family

Description:

Version 1.9.11 software

Eos Lighting Control Family Software Components

Eos FamilyConsole MainApplication	1.9.11.9.0.31
ECU	1.9.11.9.0.12
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): 500009557

Effective Date: 2012-05-09

Purpose

The purpose of this release is to support Source Four® LED™ support, provide hard encoder paging keys on Gio, and make some changes to multi-console connection messages and operation. This release also fixes a few defects.

For Gio users, when the software is downloaded from www.etcconnect.com, a prompt about ordering the new keycap set will be displayed.

This software release is highly recommended for all users of the Eos Family platform (Eos, Gio™, Ion®, and Element™).

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 © 2012 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
- 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 v1.9.11 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 v1.9.11 is incompatible with hardware and software running ETCNet1.

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 v1.9.11 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 v1.9.11:

- Step 1: Download the software from the ETC website (www.etccconnect.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_v1.9.11.9.0.31**, 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.

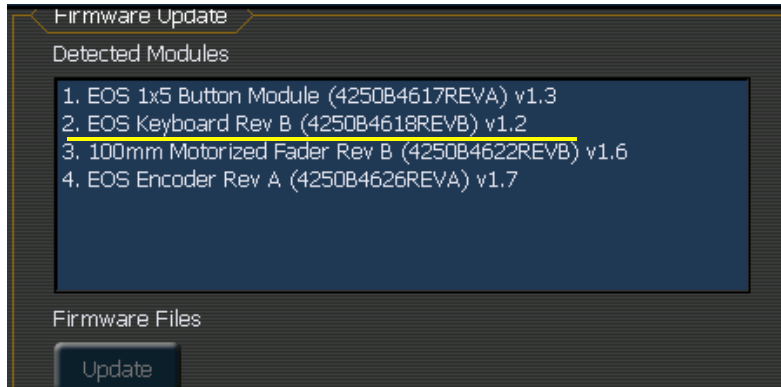
To update your Eos:

- 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 v1.9.11

- RND 0019086 Moving LTP sub to home briefly snaps output to 0
- RND 0018958 Pixel Mapping Effect Layers should have a single master intensity parameter
- RND 0018887 iRFR connection issues on iOS 5
- RND 0018883 [Clear] after entering a SMPTE time can cause a crash
- RND 0018850 Correct Help Text for Release button.
- RND 0018849 Independent sub is not always winning over non-independent sub
- RND 0018722 Make Null parameters should not be released when running out of sequence cue
- RND 0018688 New Fixture Library for EOS 1.9.11
- RND 0018665 Add setup option to disable space bar as hotkey for [Go]
- RND 0018604 The Zoom parameter appears to be backwards on the Martin MAC Aura Standard and Extended fixtures.
- RND 0018575 Go to Cue Out should remove all background fader values.
- RND 0018420 Not able to overlap two delay times
- RND 0018350 Add functionality to the eos family power button to initiate shutdown.
- RND 0018339 Add an improper shutdown message to Eos application
- RND 0018221 Fanning encoders are always in fine mode when acceleration is disabled
- RND 0018155 Change Gio softkeys to encoder paging keys
- RND 0018154 Add All MSpeed parameter to the CIA
- RND 0018153 Post advisory on primary/backup when master changes to backup.

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Issues Corrected in v1.9.11 [Continued]

- RND 0017934 RFR enable in setup does not work in a macro
 - RND 0017870 Gio Client consoles move displays to the internal monitors when the Master reconnects
 - RND 0017666 [chan 1 pan +/- 10] should subtract 10 from current pan
 - RND 0014624 Selecting Advance Partial Show Reads – Patch allows you to Enter a range but only brings in a 1 to 1 Patch.
 - RND 0014537 Condition of external keyboard Scroll Lock enable/disable should persist through power cycle on ETC hardware
 - RND 0012893 After backups take control, Clients do not display a lost connection message
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Known Issues Remaining in v1.9.11

- RND 0019174 Marked lights that are also preheating are available to “Select Active.”
- RND 0018585 Macro wait times are ignored in Startup Macros.
- RND 0018414 Undo of a sub blind edit when the sub is active is not updating the output.
- RND 0018166 Shutdown Macro's won't fire when Power Off Multi-console System feature is used
- 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 the option to Go to Cue with a split time.
- RND 0017269 Flexi view channels list is not preserved through a restart
- RND 0017266 Mac OSX Lion shows extra drives in file/save, file open, etc
- 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 0016691 Make Null does not work in Background Macros.
- RND 0016634 Grandmaster is ignored when Ion is connected to a non-Ion master
- 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 0016111 Partial show read of individual cues is not including tracked levels
- 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 0015048 Background macros won't play back {make null}
- 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 0014315 Changes to the mechanical intensity parameter of the Martin TW1 should not contribute to “live” or “dark” moves calculations.
- 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 0014143 Effects are incorrectly tracking into mark range
- 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 0013296 Eos Offline for Mac should not require Admin privileges
- RND 0013222 Direct Selects do not store Expanded mode or 100 button mode in a Snapshot. [r1.9.5:29
- RND 0011789 LED doesn't blink when bumping Inhibitive subs
- 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 0010705 Element Channel/Submaster status not being followed on mirroring device
- RND 0005279 Merging fixtures can create two fixtures with the same name