

ETC Release Note

ColorSource® Fixture Software



Product Line:

ColorSource Fixture

Description:

Version 1.3.0 System Software

ColorSource Fixture Components

ColorSource Fixture Software Application	1.3.0.9.0.15
Bootloader/updater	1.3.0.9.0.17

Engineering Change Order (ECM): 500015464

Effective Date: 2016-05-05

Purpose

The purpose of this release is to add the Deep Blue variants to the product line, improve dimming performance, and fix bugs found in the software.

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 you. A list of ETC offices is given at the bottom of this page.

Availability

This software is currently available in shipping units.

Documentation

Current documentation includes the *ColorSource PAR Installation Guide* and *ColorSource Spot Installation Guide*.

ETC manuals are available for free download from ETC's website at www.etconnect.com. They are available in portable document format (pdf), and viewable with Adobe® Acrobat® Reader™ v8.x and later.

Software Installation Instructions

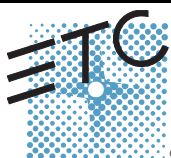
ColorSource fixtures ship with the current version of software and do not require an update before use. To perform an update to existing fixtures, a DMX to USB cable is necessary (ETC PN 5000A1039) as well as ETC Updaterator software. Updaterator software can be downloaded from the ETC website at www.etconnect.com.

Upgrade to 1.3.0:

- Step 1: Upgrade the bootloader using the "ColorSource Family Bootloader" option in Updaterator.
- Step 2: Wait for the upgrade to complete.
- Step 3: Upgrade the application using the "ColorSource Family v1.3.0+" option in Updaterator.

Downgrade from 1.3.0:

- Step 1: Click "Setup Devices" in Updaterator.
- Step 2: Click on "ColorSource Family v1.3.0+."



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■ 7412M1100-1.3.0 ■ Rev A ■ Released 2016-05 ■ ETC intends this document to be provided in its entirety.

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- Step 3: Click "Select a File From Your Computer."
- Step 4: Browse to the previous version's .s file.
- Step 5: Click "Open."
- Step 6: Click "Done."
- Step 7: Update the app using the "ColorSource Family v1.3.0+" option in Updaterator.

Upgrade a device with 1.3.0 bootloader and 1.2.0 or earlier application:

- Step 1: Remove your device from any other device on the line
- Step 2: Power on the fixture and hold the "Up" and "Mode" button. This holds the fixture in the bootloader.
- Step 3: Before the 30 second timeout, upgrade the application using the "ColorSource Family v1.3.0+" option in Updaterator

For questions on the upgrade process, please contact ETC Technical Services.

Compatibility

This release is compatible with the following ETC hardware and software:

- ColorSource PAR
- ColorSource Spot

Incompatibility

None

Key Enhancements in v1.3.0

- Deep Blue color variant fixtures
- Improved dimming response time.
 - Level changes triggered faster than a half-second now respond more quickly.
 - Level changes longer than a half-second maintain previous dimming behavior.
- Added Fixture to Fixture firmware upgrades
- Added Local Preset Intensity Adjustment
- Bug fixes

Key Enhancements in v1.1.0

- Added UI lockout functionality
- Support for ColorSource Spot
- Improved color fade consistency
- Bug fixes

Key Enhancements in v1.0.1

- Bug fixes

Issues Corrected in v1.3.0

- RND 0030655 Slave devices display the active Sequence instead of the active preset while in master/slave mode.
- RND 0033579 Changed the "fast" fan speed.
- RND 0033633 Sequence link time can't be set to more than 1 minute, 5 seconds.
- RND 0034226 Fan may not turn off if the temperature decreases quickly.
- RND 0035076 Some fixtures older than version 1.3.0 may require a power cycle to complete the software update.
- RND 0035868 The first master/slave command may be ignored after a DMX data loss.

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- RND 0030831 RDM Identify does not take priority over an active preset.
- RND 0030860 ColorSource Spot fan can cycle between speeds at low intensity settings.
- RND 0030899 LEDs can flicker at startup in 0C ambient temperature.
- RND 0031037 The latest change to the configuration (start address) may not be saved if it occurs while a previous change to the configuration is being saved.
- RND 0033579 Changed the "fast" fan speed.
- RND 0033633 Sequence link time can't be set to more than 1 minute, 5 seconds.
- RND 0034226 Fan may not turn off if the temperature decreases quickly.
- RND 0035076 Some fixtures older than version 1.3.0 may require a power cycle to complete the software update.
- RND 0035868 The first master/slave command may be ignored after a DMX data loss.

Known Issues Remaining in v1.3.0

- RND 0028915 Strobes between multiple fixtures at the same address can get out of sync when fading the strobe channel
- RND 0029054 The color point shifts toward green at the end of a fade when the PWM frequency is set to 25kHz.
- RND 0034546 Changing the DMX speed changes the strobe rate.
- RND 0035194 Presets do not fade out smoothly.
- RND 0035878 Adjusting preset intensity does not take priority over preset delay time.
- RND 0036068 A master device may execute preset fades at a different interval from slave devices.
- RND 0036128 LEDs may flicker when capturing a preset snapshot.
- RND 0036288 RDM commands during single fixture update can cause firmware update to hang.
- RND 0036317 Holding button presses may not be recognized.
Workaround: Pres the mode button faster.