RR / R2 LINEAR LIGHTS

FIRMWARE RELEASE NOTES

V0.8B - starCTRL Release - 2023-2-26

Improvements:

1. Paperazzi effect now flashes a 4x larger flash for 4x longer, with a wider range of rates

Bug Fixes

2. Resolved DMX address above Address 256 does not respond correctly.
3. StarCTRL is now disabled when using the wireless shortcut to turn off wireless
4. StarCTRL now correctly receives the fixture name on first connection
5. StarCTRL now is only able to be enabled when the CRMX module has the correct firmware or later (1.0.5.1)
6. Fixed status LED issue that would occasionally cause random incorrect colors
7. Fixed issue with WIFI staying in AP mode when wireless is not in WIFI
8. Fixed issue with WIFI attempting to connect to invalid AP SSIDs

V0.8A - starCTRL Release - 2023-1-19

New Features

1. New Mode - startCTRL for enabling Bluetooth App control from starCTRL iOS App.

Improvements

2. Added +/- Green Control to Rainbow Effect

Bug Fixes

3. Resolved issue from when using Node Mode, some R2 lights stop responding to sACN and Art-Net after reboot.

Known Bugs

4. DMX address above Address 256 does not respond correctly.

V0.7b - VRGB Pixel Mapping Profile Release 2022-11-10

New Features - Big Ones!

5. New DMX Profiles for Pixel Mapping Video Files: RGB VW and VRGB - Absolute Hue and Relative Colorimetric
6. TimoTwo Update over USB
7. sACN Priorities - Fixtures listen to highest priority sACN
8. Extra Dimming Steps to Low End of manual dimming
9. Fixture Number Abilities
10. Auto Lead/Follow Pairing - When paired to a leader, light will auto set to follow
11. IP Preset Addresses for easier setting of Static IP

Improvements

12. Increased RDM Functionality
13. Update RGB White point to 6500K in Profiles 3, 8, 15, 33, 38, 45
14. Improved UI on the Color Status Screen.
15. Add Page Labels to Wired and Wireless substatus screens
16. Updated Output Mode UI to match when changed over DMX

Bug Fixes

17. Rainbow Effect at low Intensity shows dark pixels
18. When Resetting to default, Effects will be set to Off

Known Bug

19. When using Node Mode, some R2 lights stop responding to sACN and Art-Net after reboot. Current workaround: Disable Node Mode, then enable Node Mode.

V0.6c - Communications Release 2022-01-28

New Features - Big Ones!

20. sACN - Unicast, Multicast
21. Art-Net over Wifi - Assign light to connect to a network - Client Mode (Update Required Over Wifi)*
22. Art-Net over Wifi AP Mode - DHCP (Update Required Over Wifi)*
23. Node Mode - Wired Ethernet in on LAN 1 and DMX out on LAN 2
24. RDM implementation for identify, address, profile, pixel count, output mode, status LEDs
25. Fixture Substatus Screens - Chromaticity, DMX, Wired Network, Wireless Network.
26. Output Mode Button Shortcut - Hold Enter and Right for 2 seconds
27. Bluetooth reset button shortcut - Hold Link button for 3 seconds

Improvements

28. Firmware Update Process enhanced with status light feedback (With Bootloader 0.9)
29. Output from fixture is disabled during firmware update.
30. Fixture can exit firmware update using power button.
31. Fixture no longer times out of firmware update.
32. When changing Effects on DMX, the effects timer is reset to 0
33. Press and hold on Profiles scrolls through profiles
34. Added the Hue Degrees to the Color Preset
35. Min and Max shortcuts enabled on Number of Pixels selection-
36. Identify fixture command enabled in CRMX Workshop
37. Button shortcut to reset Bluetooth connection.
38. Added Wireless DMX and Wifi firmware versions to the Version Screen
39. Wireless DMX Settings Menu streamlined.
40. Ethernet Settings Menu streamlined.
41. Firmware display updated to include all fw installed.
42. Chromaticity display to reflect fixture output based on profile chosen
43. Wireless button shortcut includes disabling all wireless communications methods
44. Visual indicator when fixture is busy processing user input
45. Gives Error when Wifi Module is not updated (0.6b)

Bug Fixes

46. Fix Reset to Default values to match button shortcuts
47. Output Mode control on DMX is not changing UI screen
48. Temperature Sensors resets on Wireless DMX resolved

49. When Saving DHCP as Static is pressed, It should switch to Static IP mode.
50. Display IP address now show static IP address when enabled
51. Hue Button Shortcut fixed
52. CCT Button Shortcut fixed
53. Fixed Bluetooth Status Lights remaining on when disconnected
54. Status LEDs reflect correct LEAD/FOLLOW state of fixture
55. LEAD fixture no longer needs power cycle to send data
56. FOLLOW fixture no longer need power cycle to receive data
57. LEAD over wireless Tx speed reduced to improve data processing on Rx fixtures
58. Optimized Art-net reception for high universe counts in broadcast settings
59. Main display now shows output mode chosen when using wired ethernet protocols
60. Main display timeout issue resolved when broadcasting large universe counts
61. Fixture reboot when changing wired input settings has been resolved.
62. End of Life EVP fixtures
63. LED Hours increments fixed (0.6b)

Known Bug

64. Rainbow Effect at low intensities shows a dark stop.

V0.5j - 2021-11-02

Bug Fixes and Improvements

1. Fixed Profile 6, 7, 36, 37.
2. Improved DMX-able Effect performance.

V0.5i - 2021-09-24

New Features

1. xy Control Of the light with new DMX Profiles (19, 20)
2. Spectral Fidelity Control of xy Profiles (21, 22)
3. On Art-Net, UI screen flashes the Universe number if the lamp is not receiving specified universe

Bug Fixes and Improvements

4. When on Art-Net, Added full IP address to Substatus Screen. (Press enter on Status screen to get to the Substatus screen)
5. Screen UI addition of "NO" for Normal Output mode
6. Resolved Excessive ArtPoll requests reboot when Using Art-Net
7. When Saving DHCP as Static is pressed, it should switch to Static IP.

8. Changing Profiles Should not change manual mode Output.
9. Hue Button Shortcut Fixed

Known Issues

10. Profile 7, 8, 37, 38 are not functioning.
11. Built in Effects are showing degraded performance.