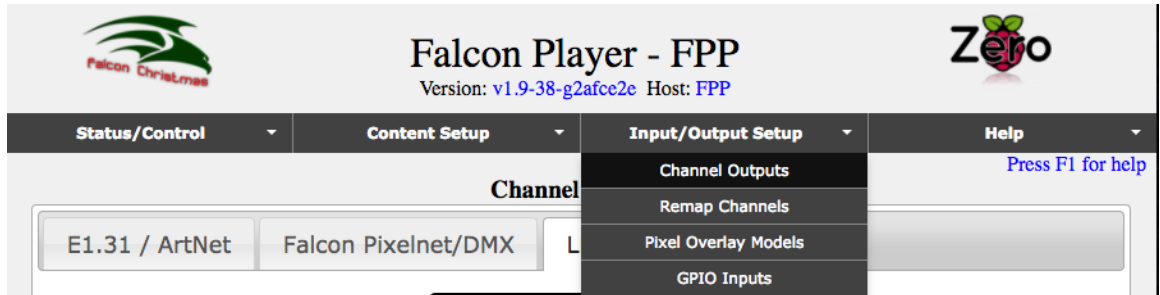
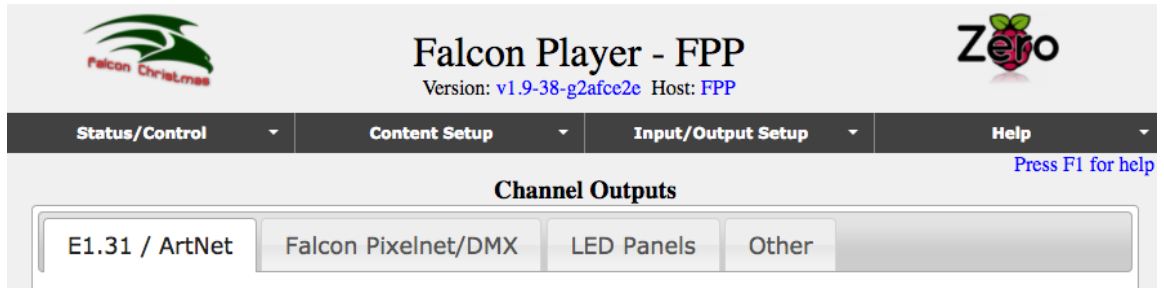


Testing Nano Matrix PiHat and FPP set up

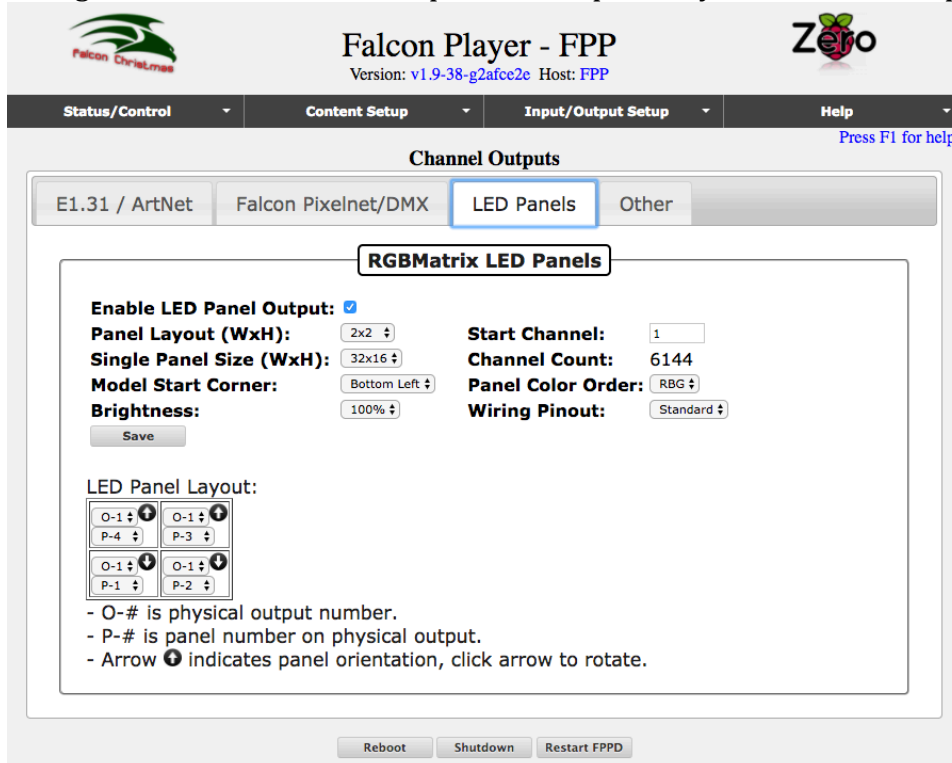
- 1.) Log into your FPP via your internet browser using the designated IP address of your Pi.
- 2.) Once you have logged in click on Channel Outputs in the Input/Output Setup Menu.



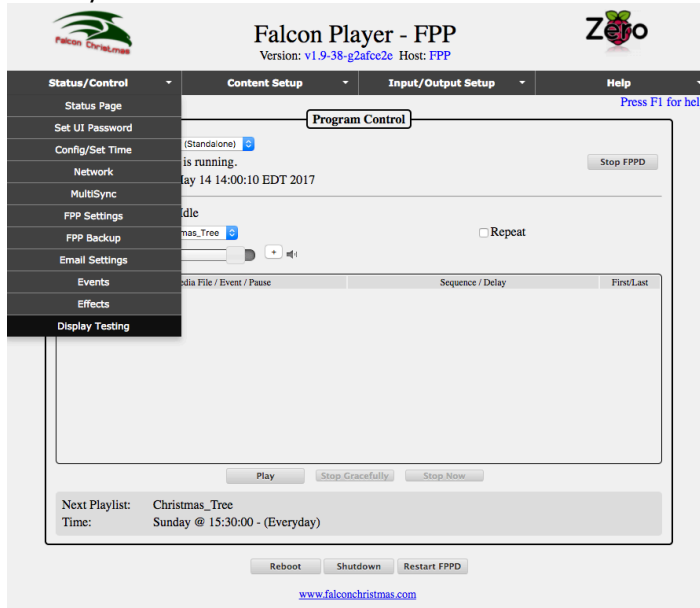
- 3.) Select the LED Panels tab



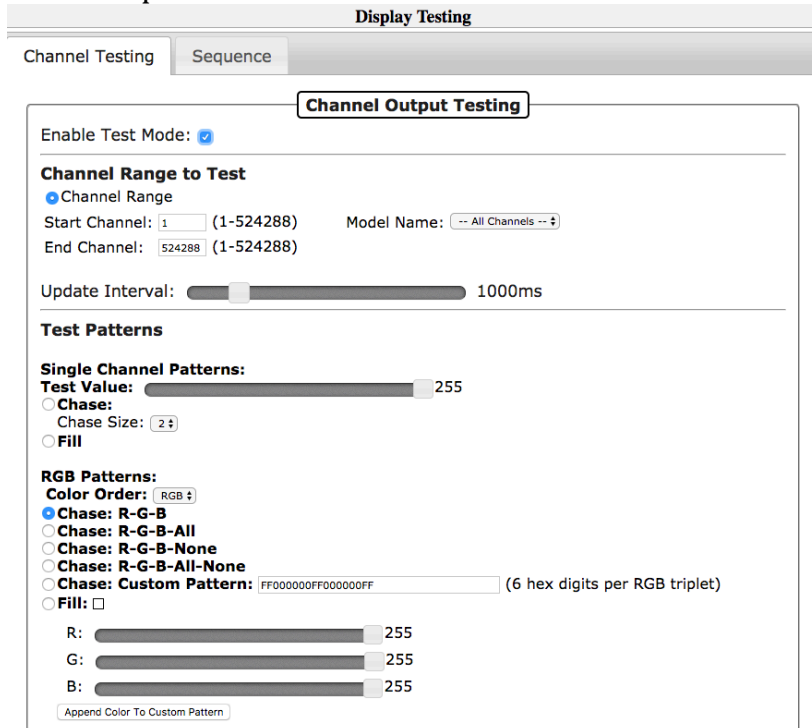
- 4.) Check the Enable LED Panel Output box. Then set up your panel configuration. Here is an example of a 2x2 panel layout from one output.



- 5.) Once you save there is a red warning box to restart the FPPD. Click to restart.
- 6.) To begin testing your panels, click on Display Testing under the States/Control Menu.



- 7.) Check the box to Enable Test Mode and you should start to see an RGB chase across all panels.



- 8.) You can use the Fill option as the bottom and slide the color bars to test for Red, Green, and Blue, or any combination you would like .

Display Testing

Press F1 for help

Channel Testing

Sequence

Channel Output Testing

Enable Test Mode:

Channel Range to Test

Channel Range

Start Channel: (1-524288)

Model Name:

End Channel: (1-524288)

Update Interval: 1000ms

Test Patterns

Single Channel Patterns:

Test Value: 255

Chase:

Chase Size:

Fill

RGB Patterns:

Color Order:

Chase: R-G-B

Chase: R-G-B-All

Chase: R-G-B-None

Chase: R-G-B-All-None

Chase: Custom Pattern: (6 hex digits per RGB triplet)

Fill:

R: 255

G: 0

B: 0

Display Testing

Press F1 for help

Channel Testing

Sequence

Channel Output Testing

Enable Test Mode:

Channel Range to Test

Channel Range

Start Channel: (1-524288)

Model Name:

End Channel: (1-524288)

Update Interval: 1000ms

Test Patterns

Single Channel Patterns:

Test Value: 255

Chase:

Chase Size:

Fill

RGB Patterns:

Color Order:

Chase: R-G-B

Chase: R-G-B-All

Chase: R-G-B-None

Chase: R-G-B-All-None

Chase: Custom Pattern: (6 hex digits per RGB triplet)

Fill:

R: 0

G: 255

B: 0

1 1000 1 1 100 1000

Display Testing

Channel Testing
Sequence

Channel Output Testing

Enable Test Mode:

Channel Range to Test

Channel Range

Start Channel: (1-524288) Model Name:

End Channel: (1-524288)

Update Interval: 1000ms

Test Patterns

Single Channel Patterns:

Test Value: 255

Chase:

Chase Size:

Fill

RGB Patterns:

Color Order:

Chase: R-G-B

Chase: R-G-B-All

Chase: R-G-B-None

Chase: R-G-B-All-None

Chase: Custom Pattern: (6 hex digits per RGB triplet)

Fill: ■

R: 0

G: 0

B: 255

Append Color To Custom Pattern

- 9.) When you have finished testing the panels be sure to Uncheck the Enable Test Mode button and properly shutdown the FPP (use the shutdown button on the bottom of the user interface).