

ZERODRAG

AURORA

RACE-X



AURORA RACE-X

USER MANUAL

Version 1.0

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1. Product Description

The ZERODRAG Aurora Race-X LEDs come with LEDs on 3 directions that will ensure that the skies will be illuminated from all directions.

2. Specifications

The ZERODRAG Aurora Race-X LED Boards boasts the following specifications:

- Weight: 1.16g x 4
- Dimension: 6.5mm x 40mm
- Input Voltage: 5V

3. In The Box

4 x ZERODRAG Aurora Race-X LEDs.

4 x Heat shrink tube.

12 x silicone cables

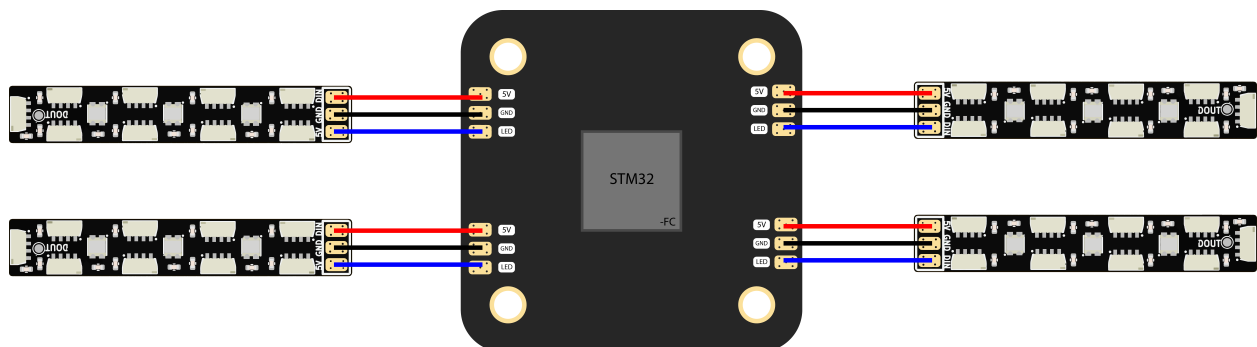
4. Wiring

LEDs can be wired in two ways

4.a. Multiple led pads on the flight controller

Connect each ZERODRAG Aurora Race-X led to a flight controller using The LED pad:

- Connect each Aurora Race-X DIIn to each of the LED pads
- Connect Aurora Race-X 5V and GND pads to the 5V and ground pads of the flight controller.

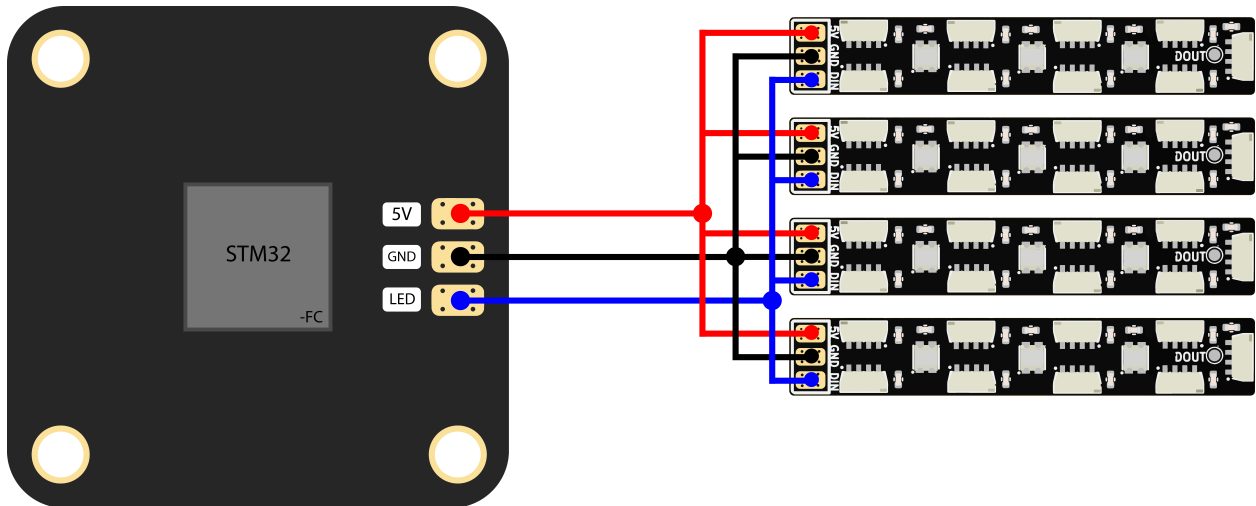


4.b. If only ONE LED pad on flight controller

Connect the ZERODRAG Aurora Race-X led to a flight controller using The LED pad:

- Connect the different Aurora Race-X DIIn in parallel and the connect on the LED pad.
- Connect Aurora Race-X 5V in parrel and connect to 5V pad of Flight Controller.

- Connect Aurora Race-X GND in parallel and connect to GND pad of Flight Controller.

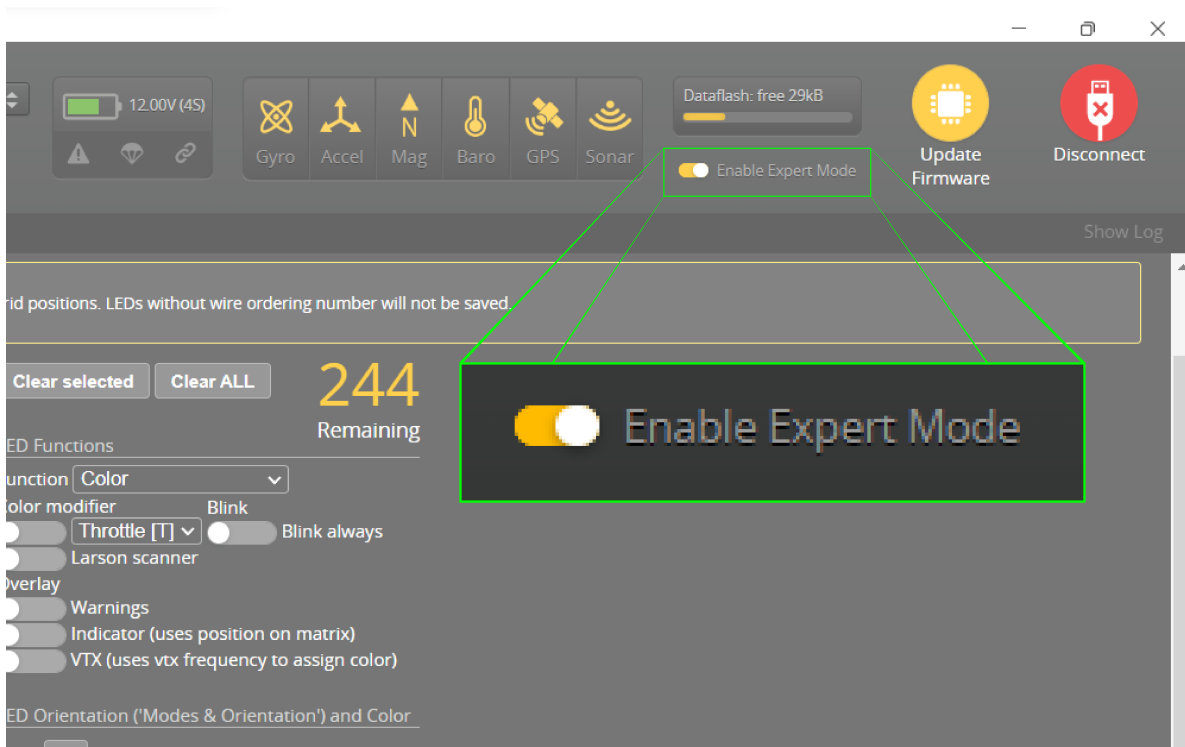


If you have a more led boards than the number of led pads on your flight controller, you can use method [4.b](#).

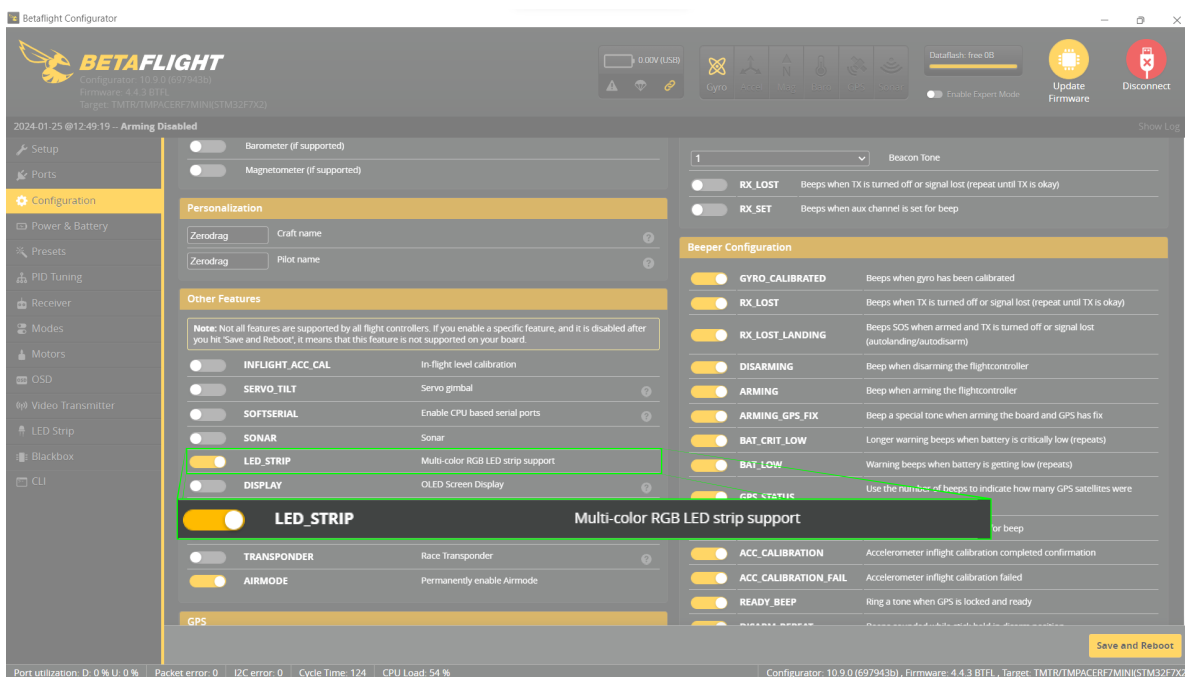
5. Configuration

5.a. Betaflight

1. turn on expert mode

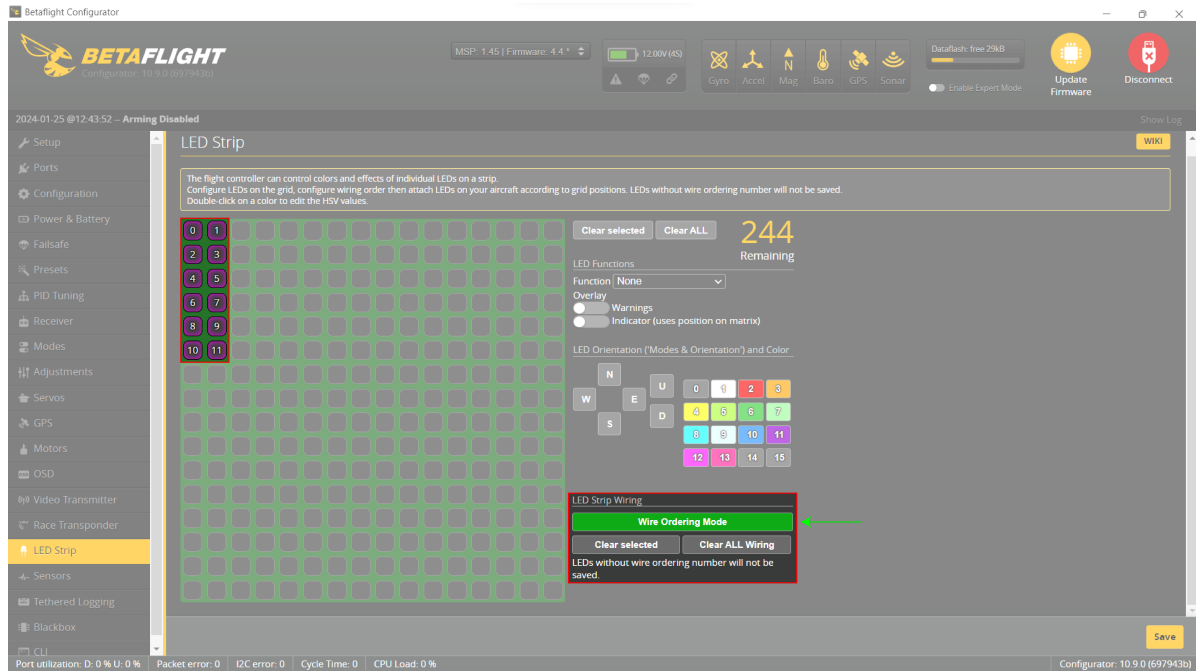


2. In the Betaflight Configurator, Enable the LED_STRIP in the Configuration Tab under the Other Features section as shown:

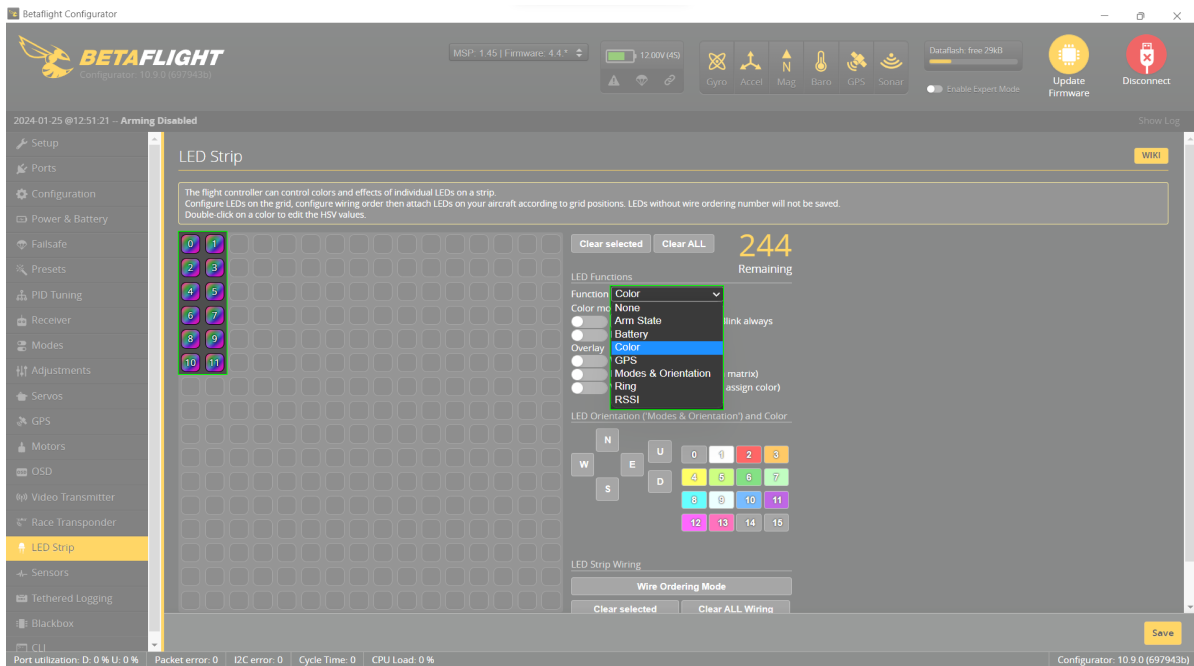


Save changes and reboot the flight controller by selecting the **Save And Reboot** in the bottom right corner.

3. Click on the wire order mode, and select at least 12 cells (0-11) for Aurora Race-X.



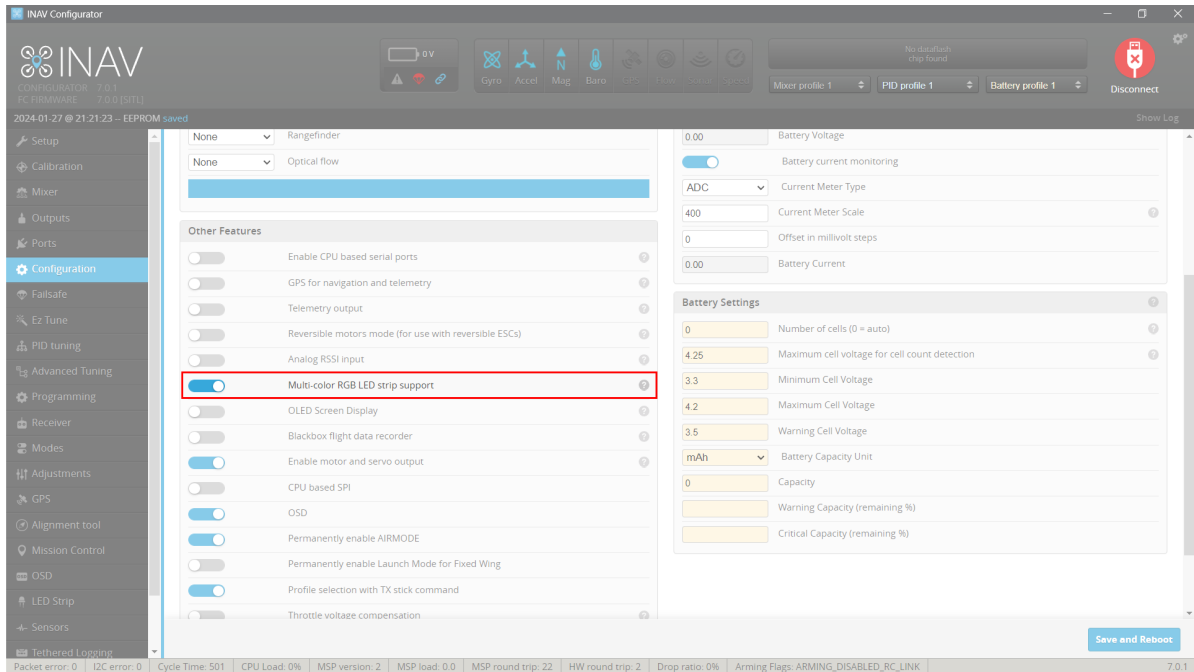
4. Exit wire order mode and select all LEDs, in LED Functions change from none to any feature you want and select the colour you like.



Save changes by selecting the **Save** button on the bottom right corner.

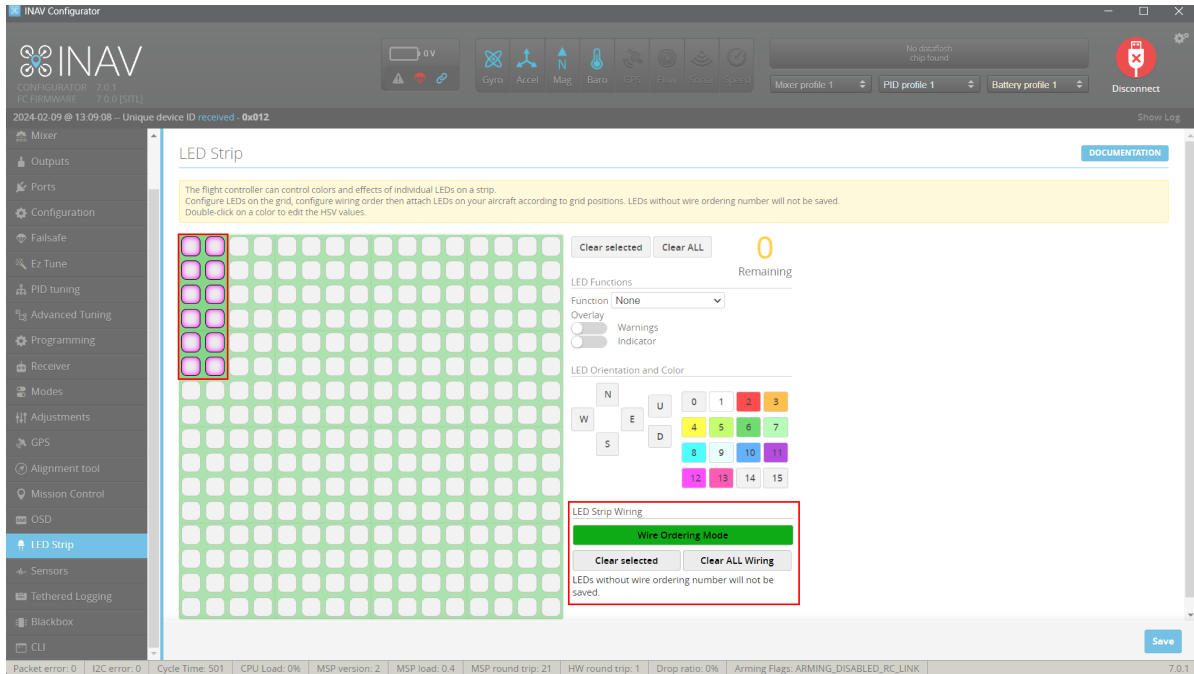
5.b. INAV

1. In the INAV Configurator, Enable the Multi-color RGB LED strip support in the Configuration Tab under the Other Features section as shown:

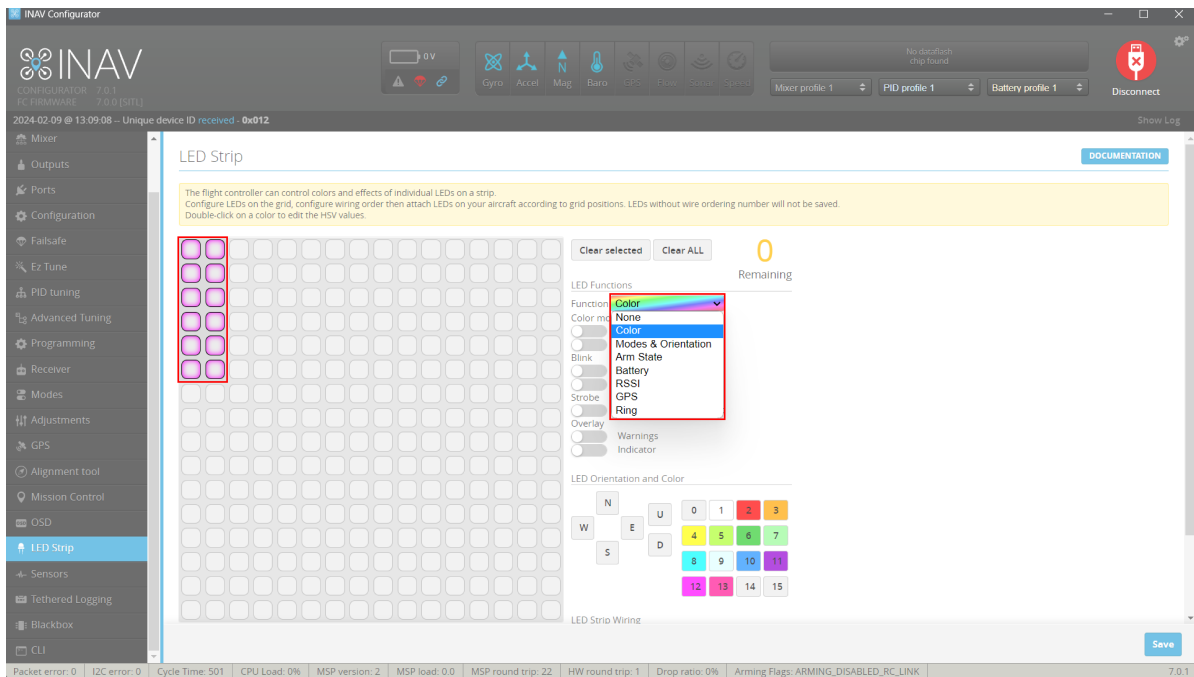


Save changes and reboot the flight controller by selecting the **Save And Reboot** in the bottom right corner.

2. Click on the wire order mode, and select at least 12 cells (0-11) for Aurora Race-X.



- Exit wire order mode and select all LEDs, in LED Functions change from none to any feature you want and select the colour you like.



Save changes by selecting the **Save** button on the bottom right corner.

6. Contact

- Website: <https://zerodrag.in/>
- Instagram: <https://www.instagram.com/zerodrag.in/>
- LinkedIn: <https://www.linkedin.com/company/zerodrag/>
- WhatsApp: <https://wa.me/9821734544>