



UGCS DDC

PAYLOAD'S CONNECTION INSTRUCTION

RGB LED dimmed payload connection to autopilot

RGB LED payload is controlled by autopilot's Servo/Aux outputs. For example, to connect the RGB LED's to DroPix autopilot:

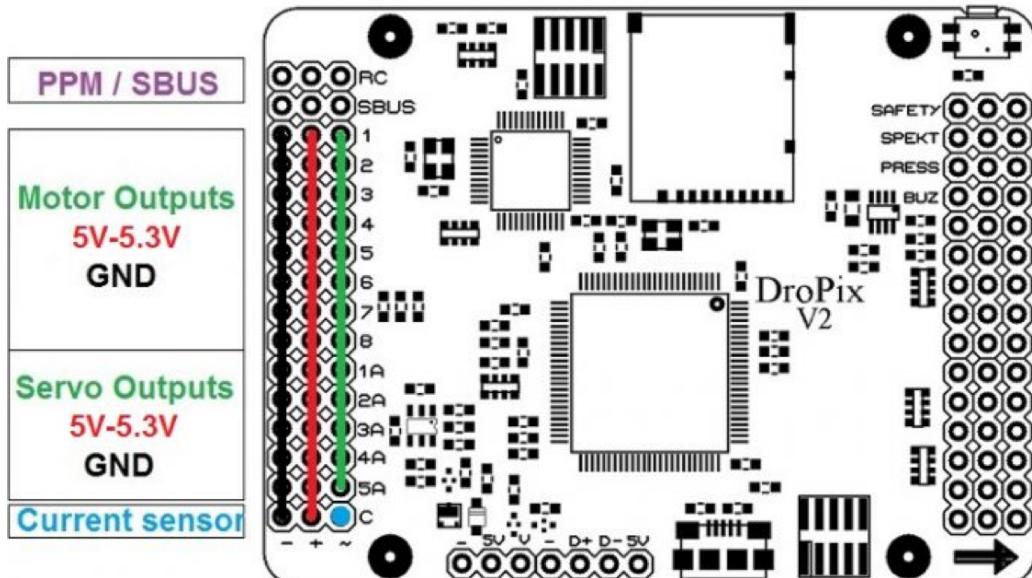
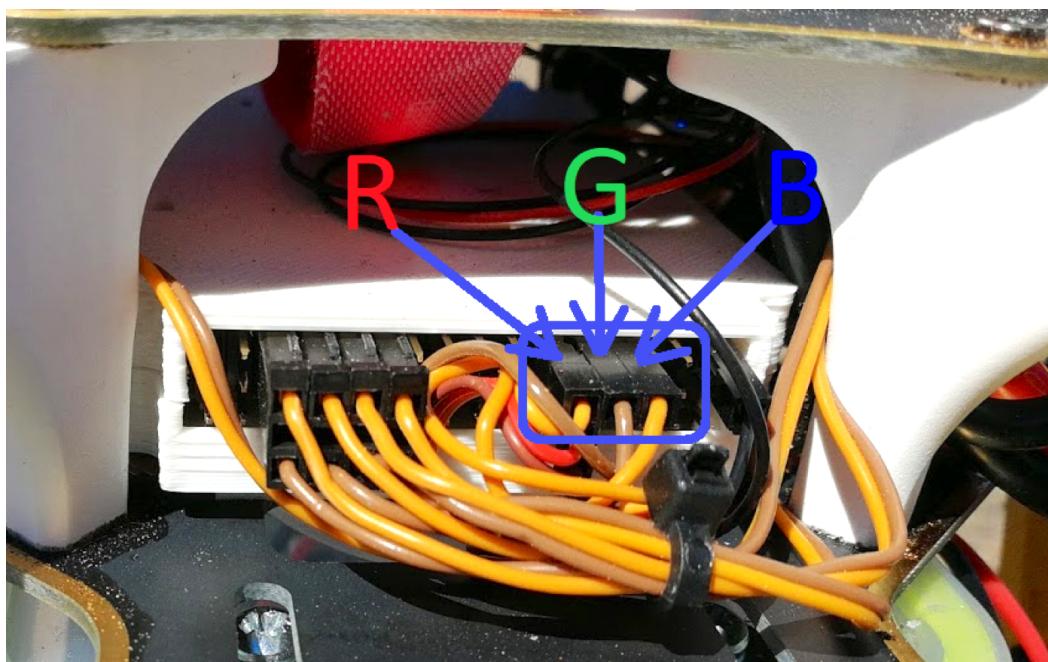


Image ©DroPix

1. Connect 3-pin Dupont connectors to autopilot's PWM outputs. Be careful with polarity, **orange** wire has to be connected to **signal** pin but **black** wire has to be connected to **ground** pin.
 - a. Connector marked with "**Red**" label should be connected to **AUX1**
 - b. Connector marked with "**Green**" label should be connected to **AUX2**
 - c. Connector marked with "**Blue**" label should be connected to **AUX3**
2. Connect XT60 connector to power output on the frame.



Power supply is taken from vehicle's battery through power pbc board.

Result: