

USER MANUAL

HOW TO USE PWM ON DJI M210 TO CONTROL DL A



Thank you very much for choosing the DL Series drone lights, and congratulations with your new product. We hope that you will enjoy it and that it will serve you in whatever you use it for. Please feel free to contact us for any types of feedback.

GENERAL INFORMATION

The DL Series is created to push limits and maximize the potential in LED technology and optical performance. DL A is developed with focus on high light performance, low weight and smart control functions. This manual shows how to connect the DJI M210 DL Kit and how to control the DL A using DJI M210 Extended Power Port and PWM signals.



CONNECTING



On the back side of the drone, there is a little plastic lid; open it to access the power and PWM connectors.

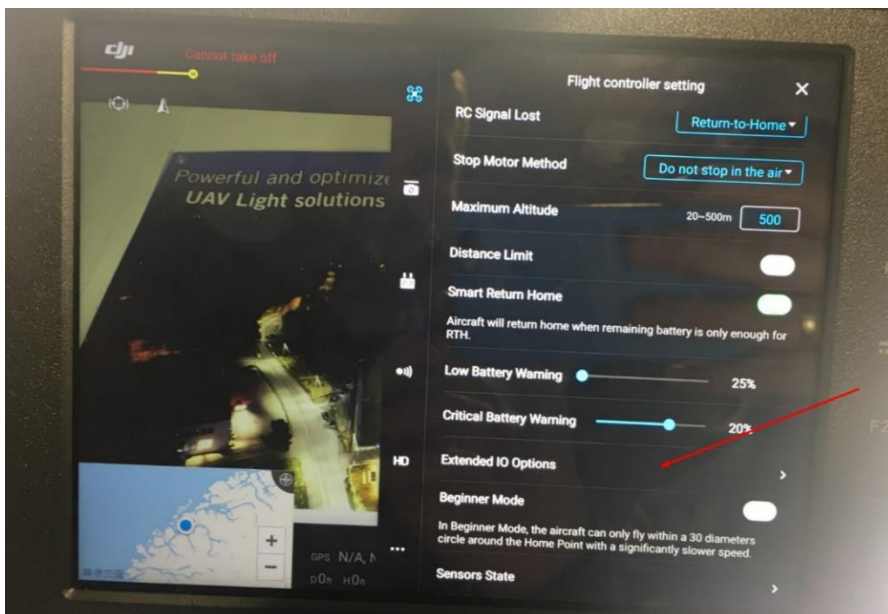


Connect the XT30 plug on the cable harness, and the PWM plug in Port 1. (counts from the right side)

EXTENDED IO OPTIONS TO CONTROL POWER PORT AND PWM

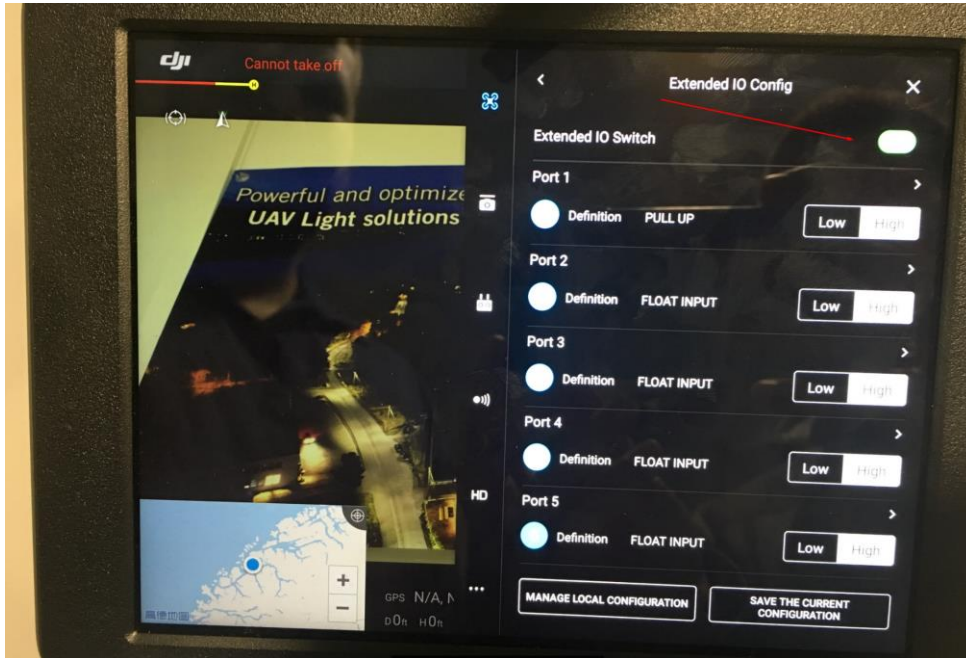


Push the settings button in upper right corner.



Push "Extended IO Options"

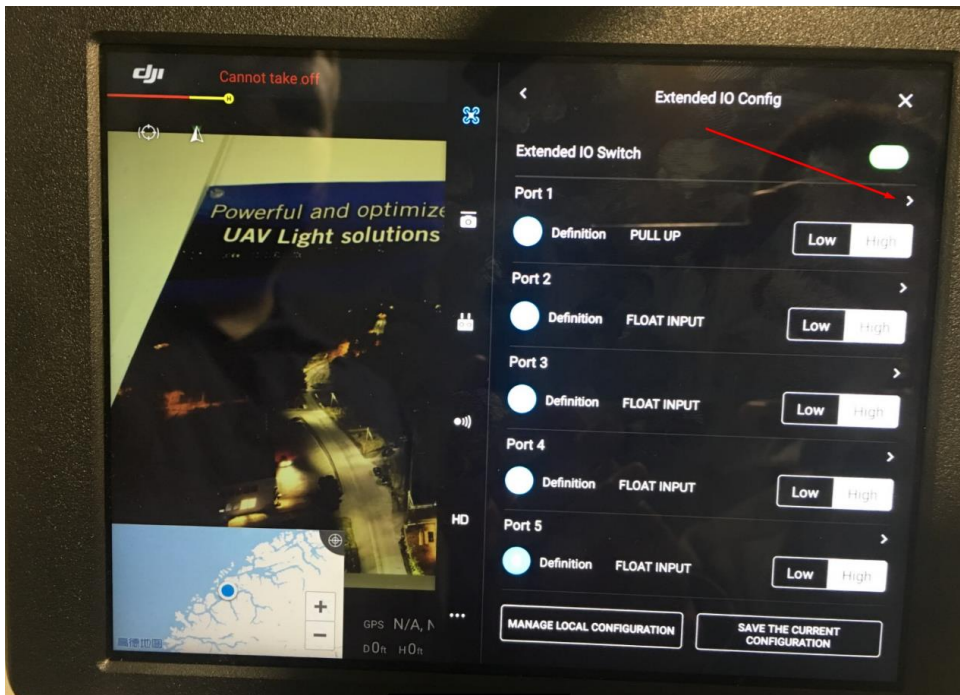
SWITCH ON/OFF EXTENDED IO



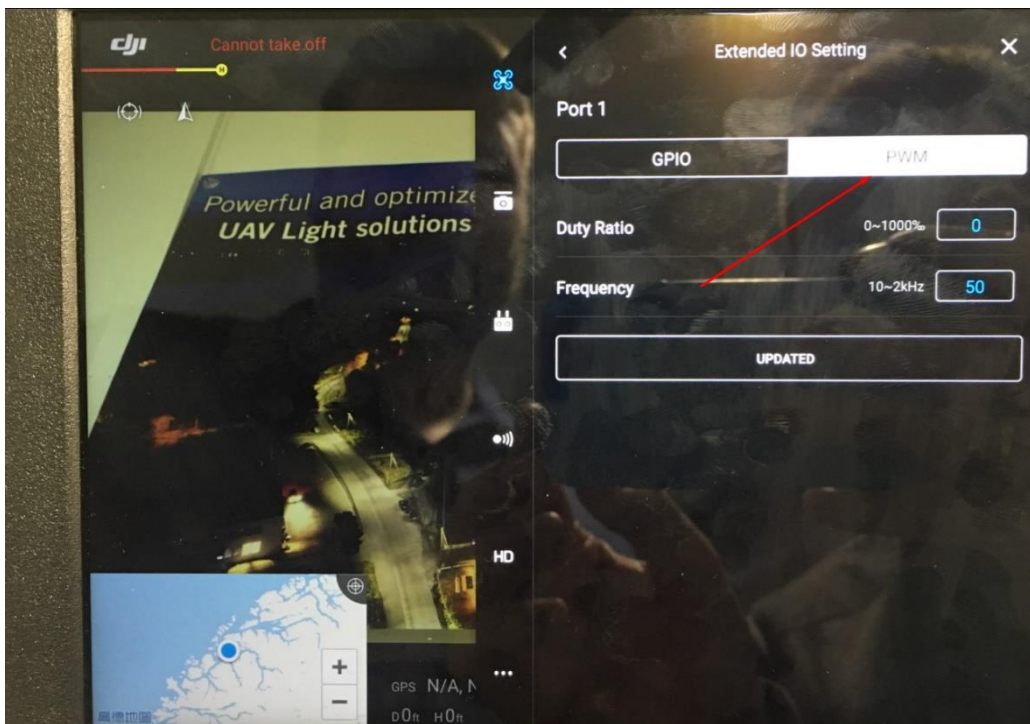
To activate the PWM, switch on the Extended IO Switch.

This switch can be used to turn the lights on/off without PWM.

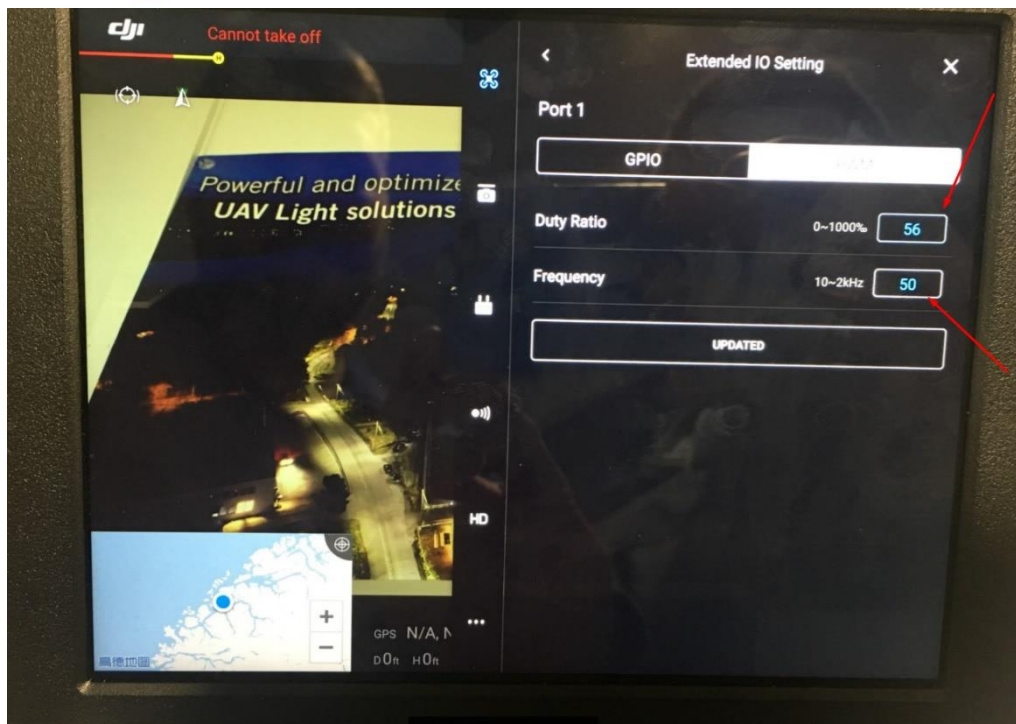
PWM SETTINGS



Push the arrow to the right of "Port 1".

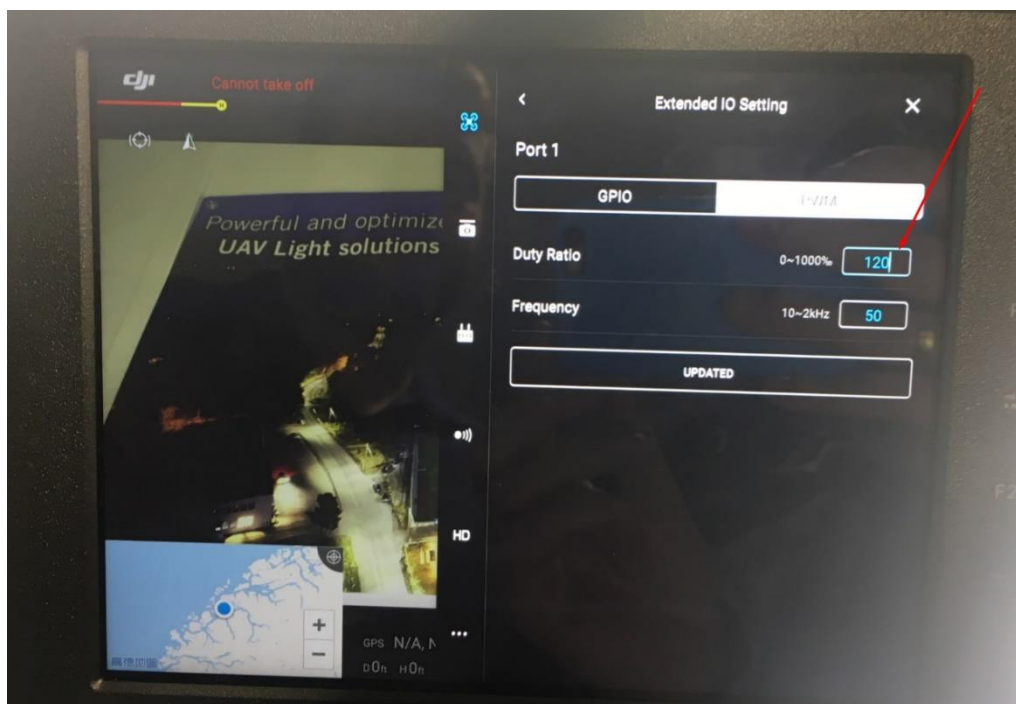


Push PWM



Frequency: 50

Duty Ratio controls the light intensity. The minimum is 56 and the maximum is 120



To adjust the light intensity, type in a number between 56 and 120.

To change the ligh intensity, repeat this procedure.