Simple way to calibrate current setting

(based on 3S LiPo battery)

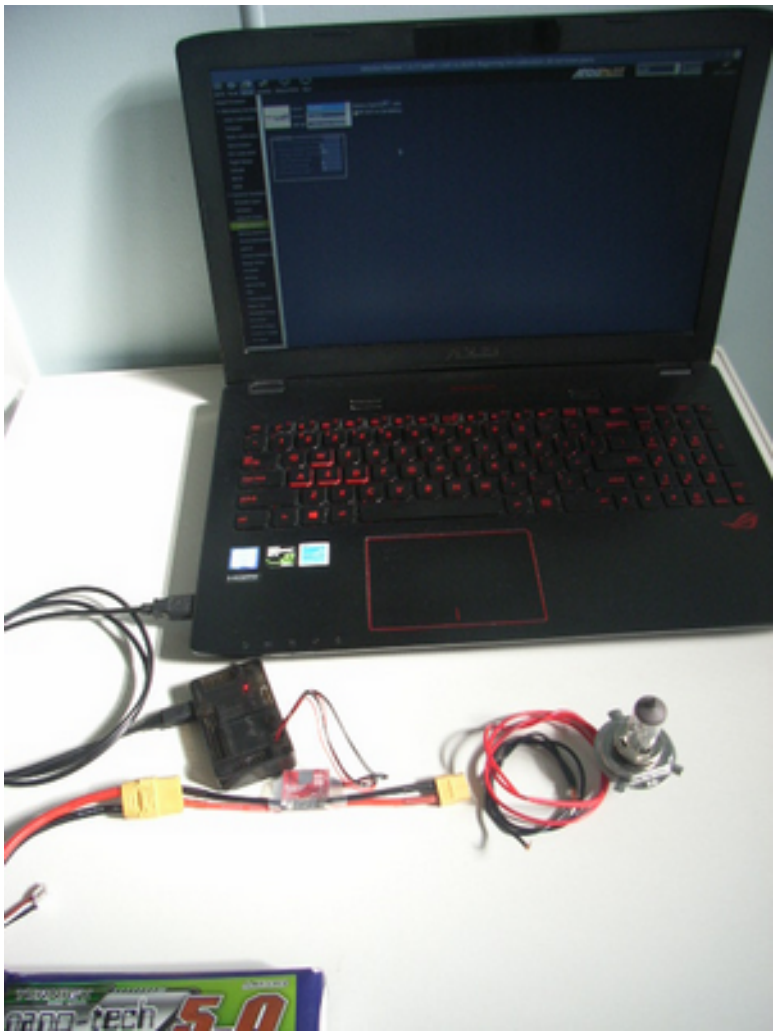
Background:
Not everyone has aces to specific test equipment or devices in order to perform a good current & voltage calibration.
This process allows anyone to perform a basic calibration of the PM in order to obtain acceptable readings during flight.

Requirements:
The regular drone bits + short cable + light bulb from a car (headlight) → This can be sourced from your local car accessory store, auto-electrician, wrecker, car mechanic or even some petrol-station sell those.
- For those who don't want to spent any money and don't mind getting their hands dirty, it can even be borrowed from your own car. + Ensure your LiPo battery is fully charged prior to starting this process.

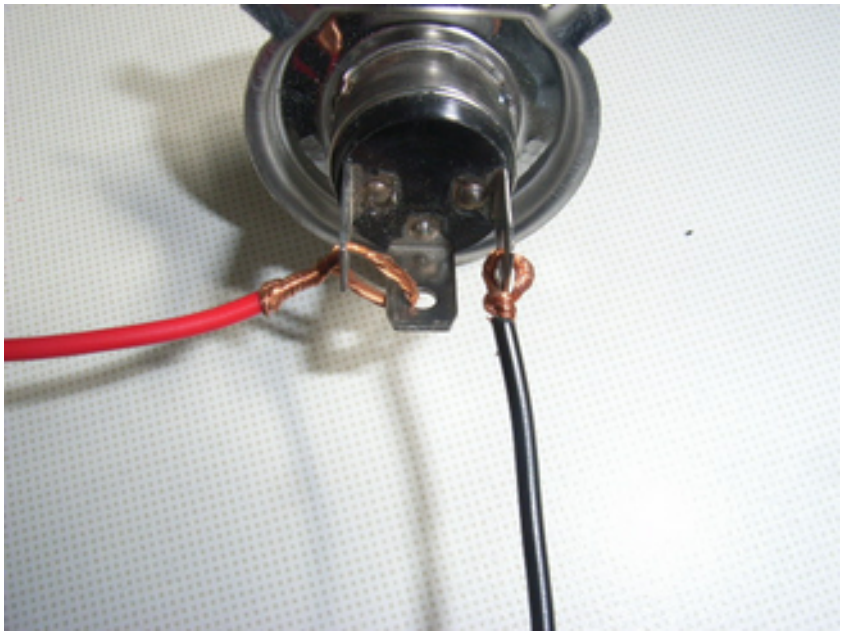
Ensure bulb has specs as seen below (12V 55/60W)

(Avoid touching the glass at anytime.)

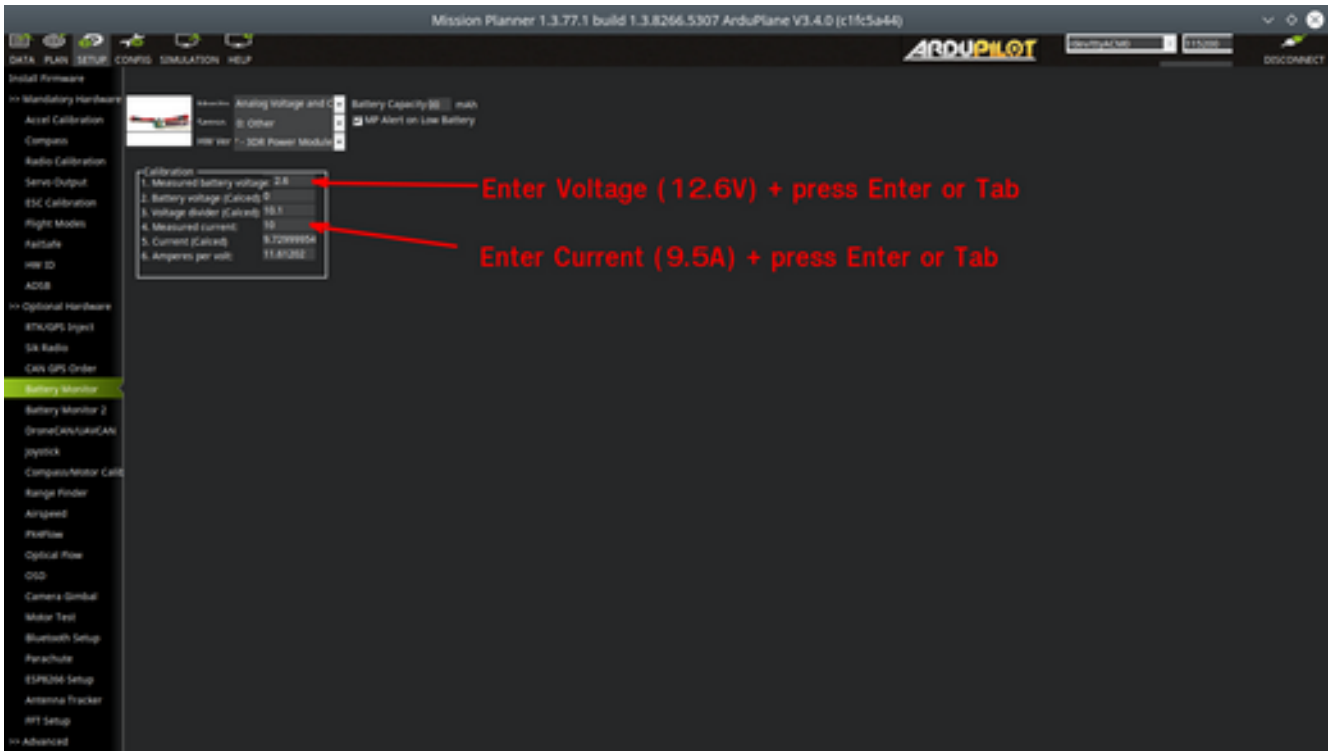
This will be the basic test setup:



Wiring the bulb:
Please ensure to connect exactly as seen in photo and briefly test to confirm both filaments are working



Assuming everything is now connected, MP is running and connected to your FC we can start the calibration process.
- Allow bulb to operate for at least one minute in order to get to operating temperature and current will stabilise.
- In the setup screen of MP, click on “Optional Hardware” followed by “Battery Monitor” and select the appropriate options from the drop-down menu.
- Enter both voltage and current values as seen in screenshot below.



Confirm readings on the main screen in the HUD window.
- If not acceptable you may have to re-enter values or slightly modify entry in order to obtain correct readings.
(As you can see below readings need slight adjustment)

Happy & safe flying !