

INSTRUCTION MANUAL

Multi Function Power Hub SK-600097

SKYRC

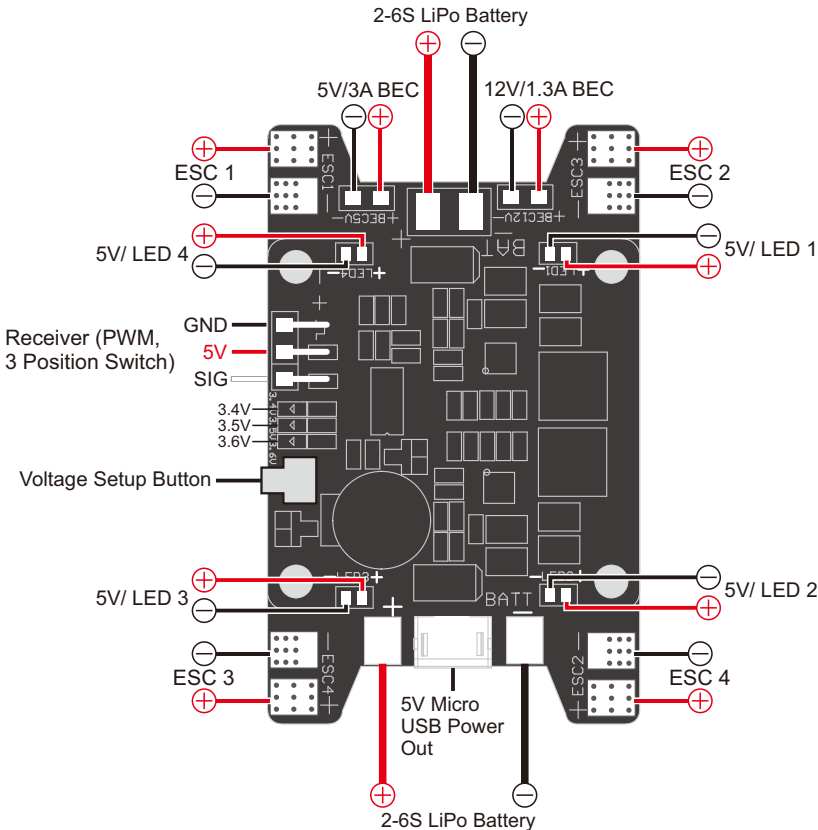
INTRODUCTION

Thank you for purchasing SkyRC Multi Function Power Hub. This Power Hub comes with 6 functions.

1. Power Distribution
2. BEC 5V/3A Output (2-6S LiPo)
3. LED Light Controller
4. Lost Plane Finder
5. Low Voltage Alarm
6. Micro USB Power Output for Camera

It is specially design for FPV Quadcopter for simplify wiring. Built-in 5V BEC can be connected to receiver or flight controller, Built-in 12V BEC can be connected to 12V camera (*in order to use 12V BEC, 4-6S LiPo is necessary*). Three flash modes of LED lights can be choosed with the toggle switch of transmitter. And the buzzer can also be triggered with the toggle switch, which can help you to locate the drone in tall grass or trees. The Power Hub also acts as a battery voltage monitor. When voltage gets below the threshold you set, the buzzer will beeping and LED light will blinking.

ILLUSTRATION & CONNECTION



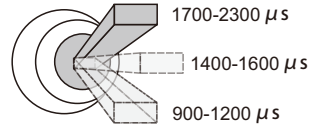
LED LIGHT CONTROLLER

LED light voltage should be 5V. There are 4 pairs of LED light pads on the hub, all the LED lights have the same status.

You need 3 positions switch to control the status of LED.

There are 4 mode of LED status:

- 1) Constant ON
- 2) Blinking 1Hz
- 3) Blinking 10Hz
- 4) LED OFF



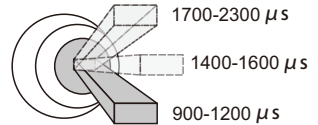
How to change the LED status

Move switch to high position(1700-2300μs), then move the switch to the middle position(1400-1600μs) and move it back to high position within 0.5 second to toggle the LED status.

Move switch to middle position to turn off LED light.

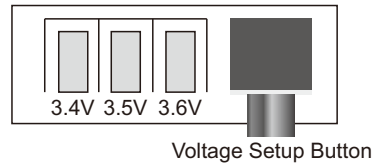
LOST PLANE FINDER

Move the switch to low position(900-1200μs) to trigger the buzzer and LED lights.



LOW VOLTAGE ALARM

Press and hold the setup button for 3 seconds to enter setting mode, the voltage LED will blinking, press the button to set the voltage threshold from 3.4V, 3.5V, 3.6V and OFF. The voltage value will be saved if no action within 5 seconds.



SPECIFICATIONS

- Working Voltage: 2-6S LiPo
- BEC Output: 5V/3A 12V/1.3A
- USB Output: 5V/2.1A
- Weight: 11.5g
- Dimension: 58x36x6.5mm

