

Electrical Switch 3

Thank you for purchasing our product. Please confirm this manual before using this product. We can change this manual without announcement for updates to the product.

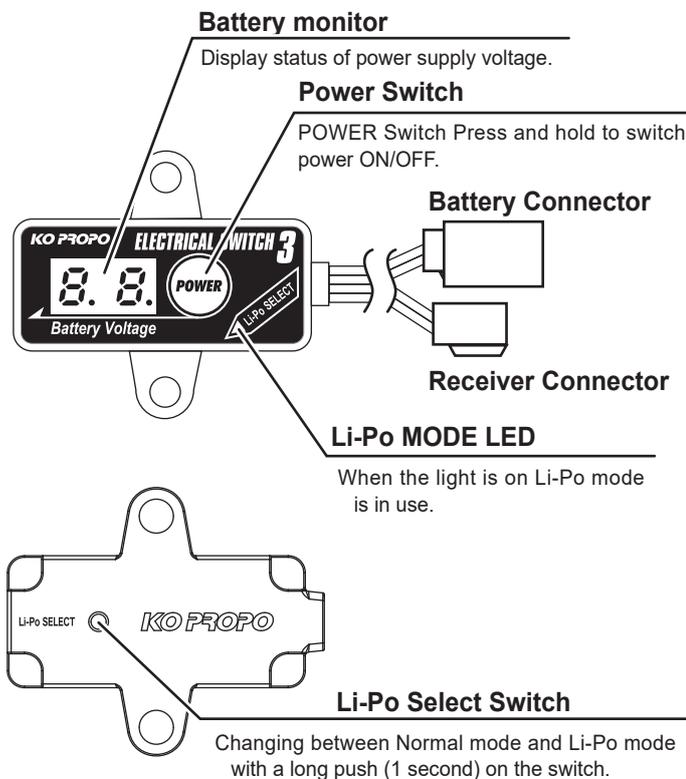
Specifications

Input voltage: Minimum 5.0V/Maximum 10.0V # Instant maximum current: 14.0A ## Continuous maximum current: 8A ## Current by self consumption: Maximum 1mA in standby.(when all of 7 segment LED lights maximum 10mA)
Dimensions: 39.2x17.5x9.5mm(Excluding protrusions) # Weight: 10.0g

Functions

Built in 7 segment LED to easily see the battery voltage monitoring.
Since the minimum voltage value is always displayed, you can check the voltage drop during running.
The CPU remembers the current power state ON/OFF. It prevents the power supply from turning off due to poor contact of the connector or momentary voltage drop at overload.

Instructions



Handling Precautions It is a matter of particular care to use safely.

Usage notes

If you do not observe it, damage of minor degree and loss of property damage accident are assumed.

- # Do not use outside the specification range of this product *It may lead to accident such as breakage or runaway of equipment.
- # Please check the polarity of connector and insert it all the way back. *If you mistake the polarity of + -, the equipment will be damaged. *If you insert the connector and make a mistake, the equipment will be damaged.*When the connector comes out due to vibration during running, it may runaway.
- # Do not use in rainy weather or where there is a puddle. *Water will enter the inside, causing malfunction and damage.
- # Do not disassemble or modify.

Product notice

- # Voltage display of the battery monitor is a guide only. Please use extreme caution in managing the battery.
- # Be sure to turn off the POWER switch of this product before removing the battery. *When replacing the battery, the power turns on when the connector is connected.

- # Please disconnect battery after use. *If left for a long time, the battery will over discharge. Especially, LiPo/LiFe batteries are damaged by over discharging, so please be careful.

Function

[Battery Monitor]

Battery voltage is digitally displayed, making confirmation easy. The current battery voltage is displayed for 5 seconds once the power is turned ON. After 5 seconds, the minimum voltage is always displayed. Since the voltage at the time of the voltage drop during running can be easily confirmed, it is now possible to manage the battery assuming a long race. Since we adopted a translucent case, we can judge the ON/OFF state of the power supply from the side of the switch.

『Li-Po mode (for 2cell)』 OFF is the factory default.

This is a function to prevent battery breakage due to voltage drop when using 2 cell Li-Po battery (7.4V). When the battery voltage falls below 6.6V for 2 seconds, this product cuts output in the circuit and protects the battery. Also, when the battery voltage again exceeds 6.6V, output resumes automatically.

Note

- # When using Li-Po MODE, the response of the equipment may be delayed. This is due to cutting of the output of this function, it is not a malfunction, breakdown, etc. of the product. If the use of the product is hindered by a delay in reaction, please turn off the Li-Po MODE before use.
- # LiPo MODE does not have a function to charge the Li-Po battery. Be sure to remove this product when charging the battery.

Power ON

Press and hold the POWER switch. (0.5sec)

Power OFF

When the power is on, hold down the POWER switch. (1sec)

Battery Monitor

When the power is on, the current battery voltage is displayed (5sec). After 5 seconds, the minimum voltage value is always displayed.

Change Normal Mode/Li-Po modes

Press and hold the MODE switch (1sec). When using the Li-Po MODE, the Li-Po MODE LED will be light up.

About Repairs

www.kopropro.co.jp

When breakdown repair it is requested, please report the breakdown status in as much detail as possible. By noting the problem, repairs are performed quicker.

- Name of products (battery, car, transmitter & motor) used.
- When breaking down, usage condition and description of breakdown condition.
- Your address, name and telephone number.

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