

## 01 主要特点

- 开机自动定位油门中心位
- 带锂电低电压保护功能、带高温过热保护功能
- 带练习模式（普通模式）、攀爬模式
- 良好的起动力能和低速性能。
- 具备良好的油门线性，快速准确的油门响应。

## 02 规格参数

- 输入电压:2S锂电；镍氢、镍镉5-6S(6-7.2V);
- 输出电流  
持续电流:45A  
正向电流:340A  
反向电流:160A
- BEC输出:5.6V/2A
- 尺寸(包括散热片): 38x28x22mm
- 重量:38g

## 03 编程方法

### ● 低压保护、高温保护功能

按住电调上的编程开关，再打开电源开关。  
马达响一声“嘟”后松开编程开关，接着响对码声音，此时，低压保护、高温保护功能关闭。  
马达响两声“嘟”后松开编程开关，接着响对码声音，此时，低压保护、高温保护功能开启。

出厂默认设置为低压保护、高温保护功能关闭。

### ● 练习模式(普通模式)和攀爬模式切换。

先打开电源开关电调上电后,按住电调上的编程开关2秒,来切换不同的模式。

**练习模式(普通模式):** 马达响一声“嘟”后松开编程开关,LED闪烁。

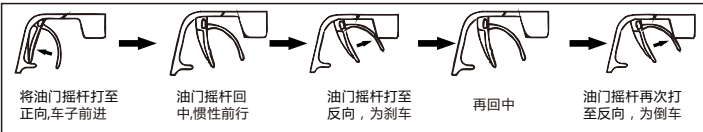
**攀爬模式:** 马达响两声“嘟”后松开编程开关,LED常亮。

出厂默认设置练习模式。

## 04 注意事项

### 1 练习模式(普通模式)和攀爬模式区别:

#### 1.1 练习模式(普通模式)



#### 1.2 攀爬模式



### 2.如何判断当前保护模式的状态:

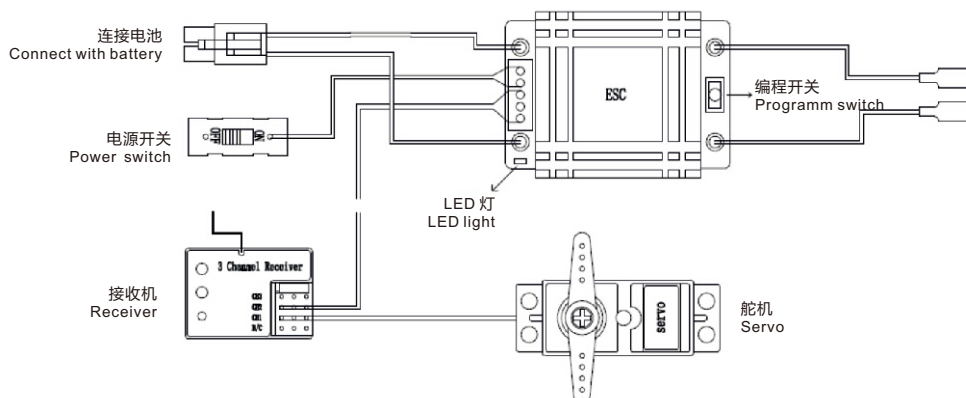
开启电源开关,  
电机发出“嘟”一声,然后发出“SI LA SO”或“SO LA SI”保护功能关闭。  
电机发出“嘟”一声,然后发出“SI LA SO”或“SO LA SI”保护功能开启。

### 3.如何判断当前运行模式:

开启电源开关,  
LED灯不停闪烁,表示是练习模式(普通模式)。  
LED灯保持常亮,表示是攀爬模式。

4.当电调设定为锂电低电压保护状态,锂电电压低至5.2V或者温度高于90度时,电调自动停止工作;当电压恢复至6V或者温度低于90度时,电调开始工作。

## 05 连线图



## 01 Main features

- Automatically identify throttle neutral point while power on.
- With multiple protection: low-voltage protection and over-thermal protection for Li-Po battery.
- With 2 modes: Practice mode and Climb mode,
- Good starting performance and low-speed performance.
- Smooth linearity, quick and precise throttle response.

## 02 Specification

- Input Voltage: 2S Lipo; Ni-MH, Ni-Cd 5-6S(6-7.2V)
- Output current  
Continuous current 45A  
Forward current 340A  
Backward current 160A
- BEC output 5.6V/2A
- Size (include heat sink) 38x28x22mm
- Weight:38g

## 03 Programming

### ● Low-voltage and over thermal protection function

Press program switch, then turn on Power switch.  
After motor emits sound "DO", release the program switch. Then motor emits sound of calibrating frequency with ESC and transmitter, at this time, low-voltage and over thermal protection functions are closed.  
After motor emits sound "DO DO", release program switch. Then motor emits sound of calibrating frequency with ESC and transmitter, low-voltage and over thermal protection functions are opened.

Factory default of low-voltage and over thermal protection functions are closed

### ● Mode switch

Press 2 seconds of program switch, to switch practice mode and climb mode.

**Practice mode(normal mode):** release program switch after motor emits the "DO" sound once, and the LED flashes.

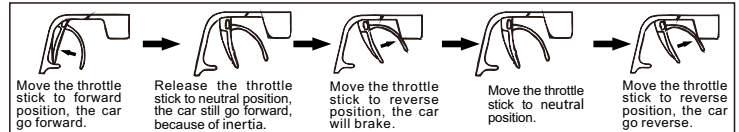
**Climb mode:** release program switch after motor emits the "DO DO" sound once, and the LED is always lighting.

Factory default of run mode is Practice mode.

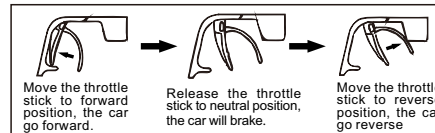
## 04 Note

### 1. Practice mode and climb mode

#### 1.1 Practice mode:



#### 1.2 Climb mode:



### 2.How to judge if the protections status:

Turn on the power switch,  
Motor emits "DO", then emits "SI LA SO" or "SO LA SI", protection functions are closed.  
Motor emits "DO Do", then emits "SI LA SO" or "SO LA SI", protection functions are opened.

### 3.How to judge the run mode:

Turn on the power switch,  
The LED flashes, it's the practice mode(normal mode);  
The LED is always lighting, it's the practice mode.

4. When low-voltage and over thermal protection functions are open, LiPo battery voltage is lower than 5.2V and the temperature is higher than 90°C, ESC stops working automatically. After the voltage up to 6V and the temperature lower than 90°C, ESC start to work again.