

# X-Car 45A Programmable Brushed ESC

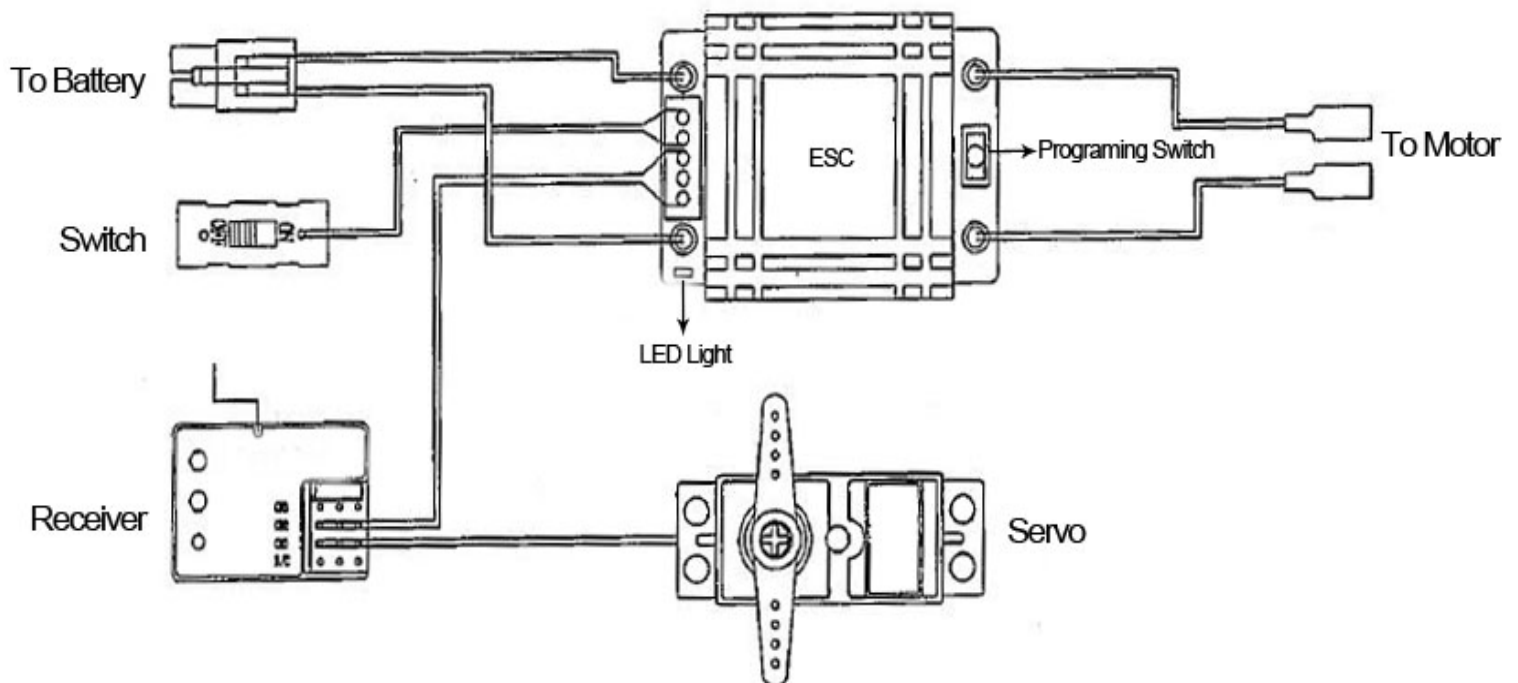
## A. Feature:

- Suitable for 1/10 Truck & Buggy.
- Auto record Neutral Point.
- Programmable LiPo Battery Low Voltage protection.
- Programmable Thermal Protection.
- 2 Modes available: Practice & Climbing.

## B. Specification:

- **Input Voltage:** 6 - 7.2v (NiMh) / 7.4v (LiPo).
- **Output Current:** 45A continuous, 340A burst (10 sec).
- **BEC Current:** 5.6v / 2A.

## C. Connection:



## D. Instruction:

### LiPo Battery Low Voltage Protection / Thermal Protection Setting

ESC stops power while Voltage < 5.6V or Temperature > 90°C; Resume while Voltage  $\geq$  6.5V or Temperature < 90°C.

#### To check current status:

Switch on ESC and check Motor's "Beep--":

- Motor "Beep--" + "SI-LA-SO--" or "SO-LA-SI--"  
**Status: Record Neutral Point + Protection OFF**
- Motor "Beep--Beep--" + "SI-LA-SO--" or "SO-LA-SI--"  
**Status: Record Neutral Point + Protection ON**

#### To Program:

- 1) Hold "Programming Switch".
- 2) Switch on ESC, release to program according to Motor's "Beep--":

- "Beep--": Both protections are OFF.
- "Beep--Beep--": Both protections are ON.
- Default Status: OFF.

### Mode Setting

#### To check current status:

Switch on ESC and check Motor's "Beep--":

- Motor "Beep--" or "Beep--Beep--" + "SI-LA-SO--" or "SO-LA-SI--" + LED Blink  
**Status: Practice Mode**
- Motor "Beep--" or "Beep--Beep--" + "SI-LA-SO--" or "SO-LA-SI--" + LED ON  
**Status: Climbing Mode**

#### To Program:

- 1) Switch on ESC.
- 2) Hold "Programming Switch" for 2 seconds to change Mode, release to program according to Motor's "Beep--":

- "Beep--": Practice Mode.
- "Beep--Beep--": Climbing Mode.
- Default Status: Practice Mode.