



Max Voltage: 2-4s lipo
 Max Current: 60A
 Continuous Current: 40A
 Max Power: 400W
 BEC: 6V/3A
 Weight:35g(Contains the cable)
 Size:27.6mm*40mm

Thank you very much for purchasing Tenshock BX40 Marine Brushless ESC.

Safety Note:

WARNING: This is an extremely powerful brushless motor system. Please keep your hands, hair, clothes, clear from the device while the system is being programmed or in use.

WATER RESISTANCE

It is a water resistance ESC, but you can not put it in water for a long time.

NO REVERSE VOLTAGE!

Reverse battery polarity can damage ESC & void warranty. Disconnect battery immediately if a reverse connection occurs.

DISCONNECT BATTERIES WHEN NOT IN USE

Always disconnect the battery pack from the speed control when the device is not in use to avoid short circuits and possible fire hazard.

2 - 4 LI-PO CELLS ONLY

Never use fewer than 2 or more than 4 LIPO cells. The Max voltage is 16.8V.

TRANSMITTER ON FIRST

Turn on the transmitter first THEN turn on the speed control.

INSULATE WIRES

Always insulate exposed wiring with heat shrink tubing or electrical tape to prevent short circuits, which can damage ESC.

ESC/TRANSMITTER CALIBRATION

IMPORTANT NOTE: Calibration is necessary for the first use of the ESC, or whenever it is used with a new/different transmitter. Many transmitters need the throttle reversing. Such as Futaba, Multiplex, Hitec...Please refer to your radio instructions.



HOW TO CALIBRATE ESC?

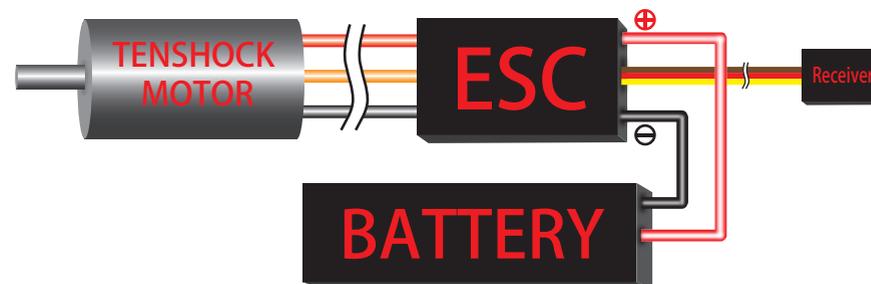
1. ESC switch OFF.
2. Turn on the Transmitter, and to full throttle as picture 1.
3. Hold full throttle on your transmitter and turn the ESC's switch ON. Then you will hear the initialization tones.
4. Keep holding full throttle on transmitter for 2 seconds. The motor will ring 1 second, indicating full throttle measured.
5. Push to full brake as picture 2. The motor will ring 1 second indicating full brake measured.
6. Release trigger to neutral (center) as picture 3. The motor will ring 1 second indicating neutral position is accepted.

After all above 6 steps, the calibration is finished.

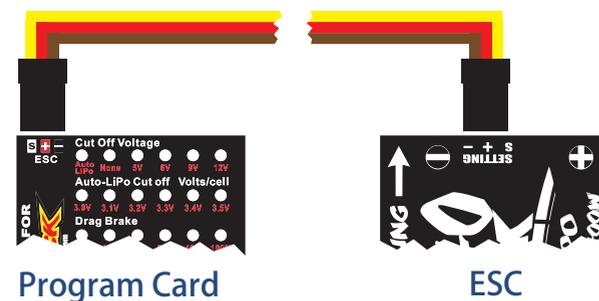
Programmable Features

Basica Function	Option1	Option2	Option3	Option4	Option5	Option6
Cut of Voltage	Auto LiPo	None	5V	6V	9V	12V
Auto-LiPo Cut off Volts/cell	3.0V	3.1V	3.2V	3.3V	3.4V	3.5V
Drag Brake	0%	10%	20%	30%	40%	100%
Brakes Strength	0% 100%					
Punch Control	0% 100%					
Reverse Type	(Proprtional Rev.Lock out)	(Proportional w/o Reverse)		(FWD to Brake and Reverse)		
Motor Type	(Brushless w/o sensor)			(sensor only)		
Motor Timing	0°	4°	8°	16°	30°	

Factory Defaults are indicated in RED



Connection



Program Card

ESC