

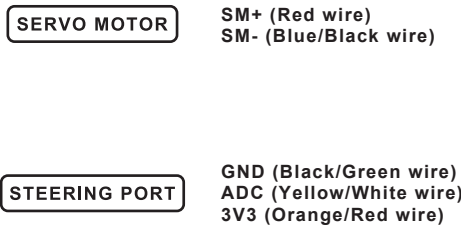
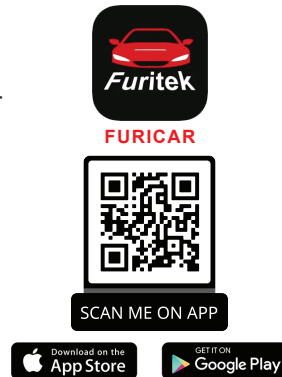
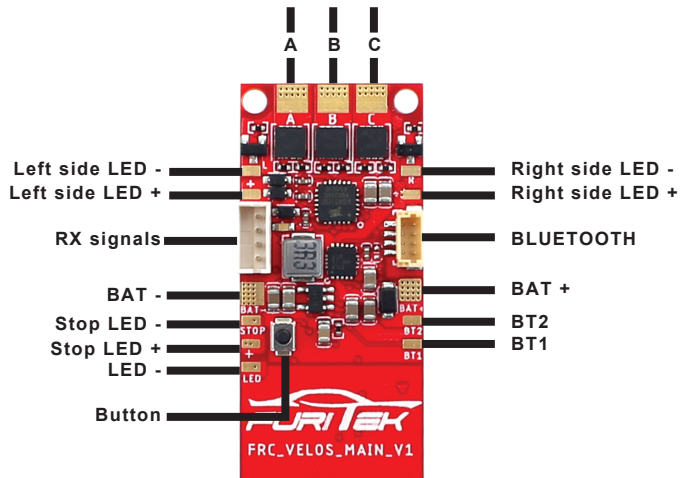
FURITEK VELOS 20A/40A BRUSHLESS ESC AND HIGH SPEED SERVO CONTROLLER MAIN BOARD

Specifications:

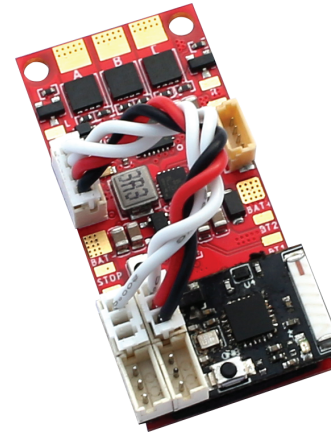
- 20/40A sensorless brushless ESC
- High speed servo controller
- Led controller head-light, signal light, stop light (Future Feature)
- 100% compatible with PN 2.5 chassis, NEXX Skyline frame, Kyosho MR03 or stock kit
- 4 pcs AAA and 2s lipo batteries compatible

Pinout:

Motor output: Default (Brushless motor)
Brushless or brushed motor (configure page 2)



Connect Receiver to ESC:



Connect to main board
4PIN male JST-PH

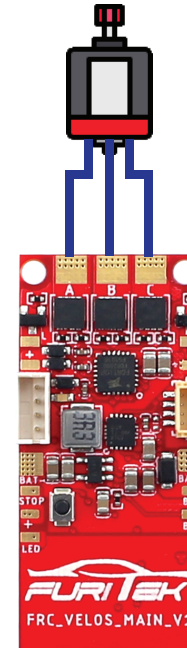


Connect to CH2
3PIN male JST-PH

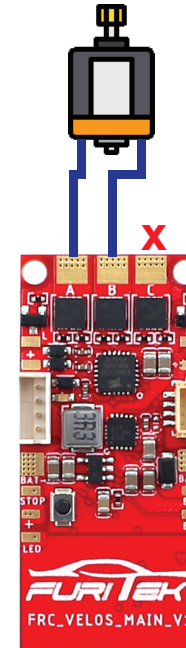
Connect to CH1
3PIN male JST-PH

Connect Brushed/Brushless motor to ESC:

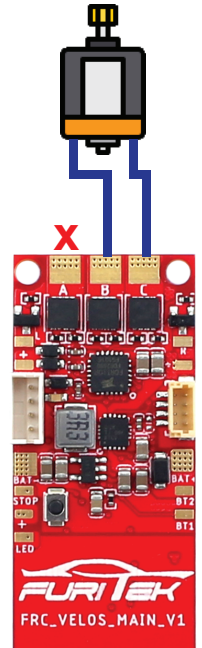
Brushless motor to ESC



Brushed motor to ESC

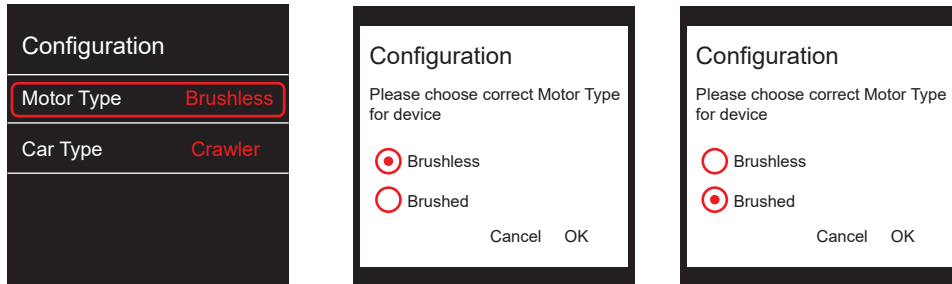


OR



***DEFAULT configuration is BRUSHLESS motor, if you use BRUSHED motor, please configure it as below:**

- **Step 1:** Please make sure to plug your battery to esc and open FURICAR app on android or IOS device
- **Step 2:** Please click the Setting icon (see picture)
- **Step 3:** Please click "Motor Type" menu, a new window pops up, select "Brushless" or "Brushed" and then please click "OK"



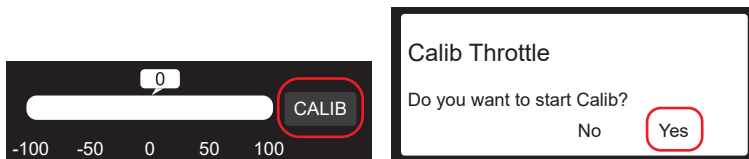
Esc Manual calibration:

A.Calibration on ESC Mainboard:

- **Step 1:** Please make sure to plug the battery to your esc
- **Step 2:** Press and hold the button of ESC (wait for 6 secs and the ESC LED indicator will start blinking followed by a motor beeping sound)
- **Step 3:** Set to 0% Throttle or lowest speed (please make sure that your radio throttle stick at NEUTRAL POSITION, press the ESC button, ESC LED indicator will blink 1 time and motor will beep 1 time)
- **Step 4:** Set to 100% Throttle or Maximum speed (move your radio throttle stick FORWARD and press the ESC button, ESC LED indicator will blink 2 times and motor will beep 2 times)
- **Step 5:** Setting up of your BRAKE (move the radio throttle stick BACKWARD and press the ESC button, ESC LED indicator will blink 3 times and motor will beep 3 times)
- **Step 6:** When the ESC LED lights blinks 4 times and the motor beeps 4 times, the Furitek ESC is successful calibrated

B.Calibration via App: (A bluetooth module is necessary to communicate with App)

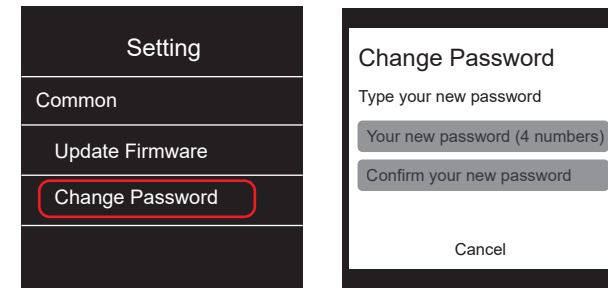
- **Step 1:** Please make sure to plug your battery to esc and open FURICAR app on android or IOS device
- **Step 2:** Please click "MENU" and please click "THROTTLE"
- **Step 3:** Please click "CALIB" and then please click "YES"



***Follow intructions on the app screen till finishing calibration**

How to change bluetooth password:

- **Step 1:** Please make sure to plug your battery to esc and open FURICAR app on android or IOS device
- **Step 2:** Please click the Setting icon (see picture)
- **Step 3:** Please click "Change Password" menu, a new window will pop up, type your new password and then please click "OK"



Change password

Full connection:

