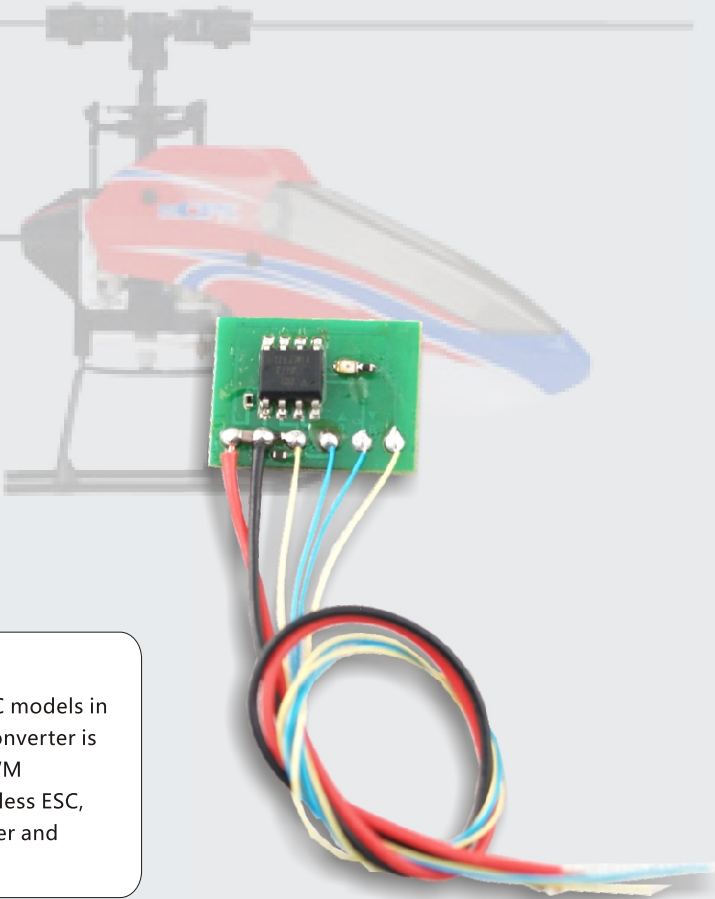


Micro Two-channel Brushless Converter



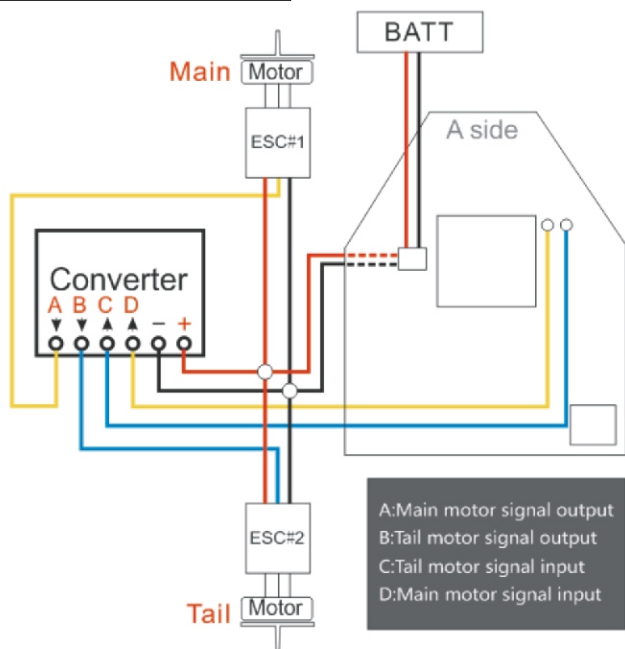
SPECIFICATION

Operating temperature : -20 °C--50 °C
 Weight : 1g
 Dimension : 16 x 12 x 2mm
 Operating voltage : 2.7-5V

DESCRIPTION

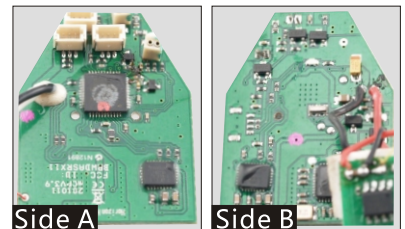
Converting brush power system to be brushless is more and more for RC models in order to increase efficiency and impetus. AEO Two-Channel brushless converter is the upgraded system that is special for Blade-Mcpx used to convert PWM controlling signal of brush ESC to standard PPM signal for driving brushless ESC, and it can manage two brush signal as well, much easier to install, smaller and lighter than two old version converters system.

1. Diagram Connection



MCPX Main Board

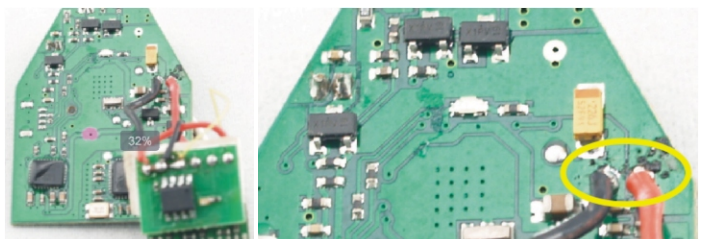
Soldering
 Side A: Make the throttle with perfect linearity, but hard soldering because of the micro soldered dot.



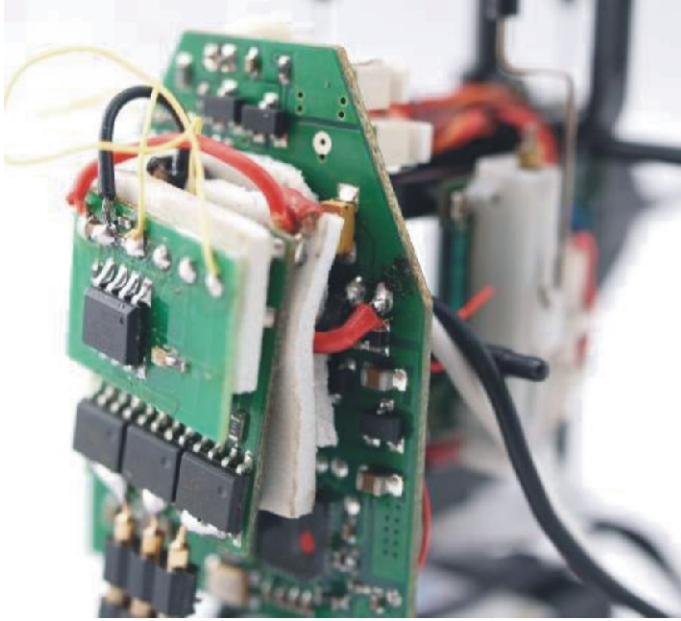
Soldering to side A



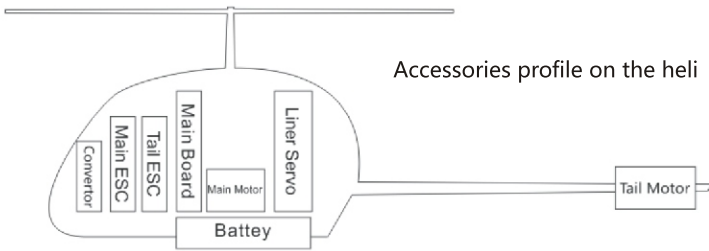
Soldering the signal wire of converter for main motor to the soldered dot on side A as above picture shows



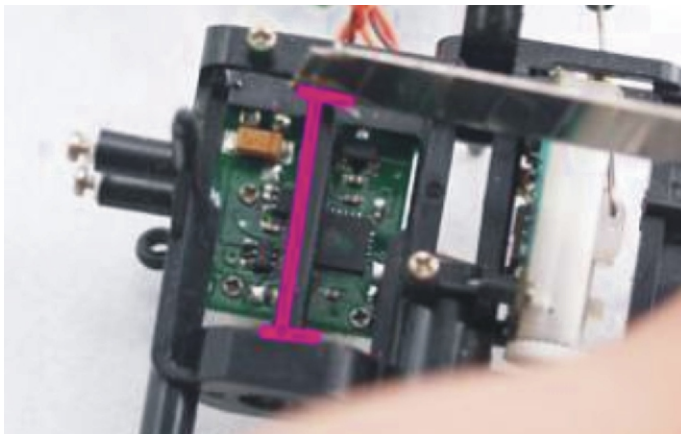
Converter gets power from main board side B (as picture shows) Voltage : 5V



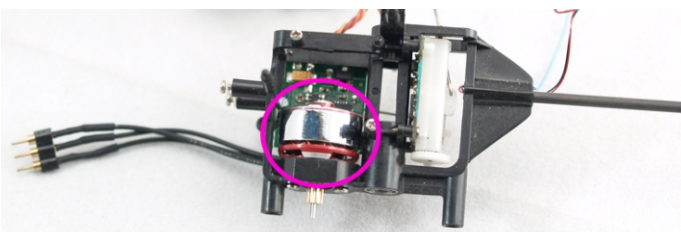
Stick two ESCs and the converter to the main board with foam rubber under the circumstance of correct circuit connection.



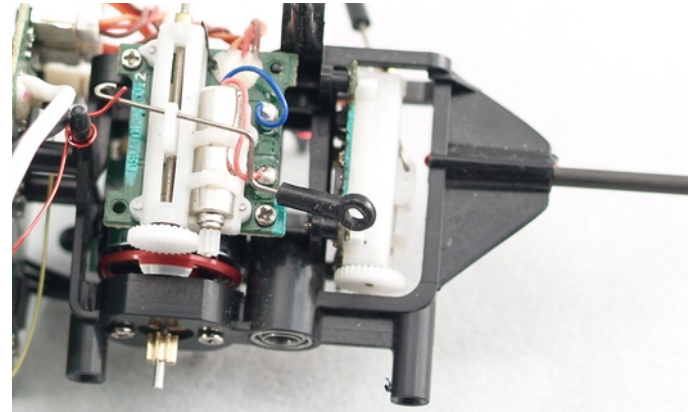
2.Installation of Motors



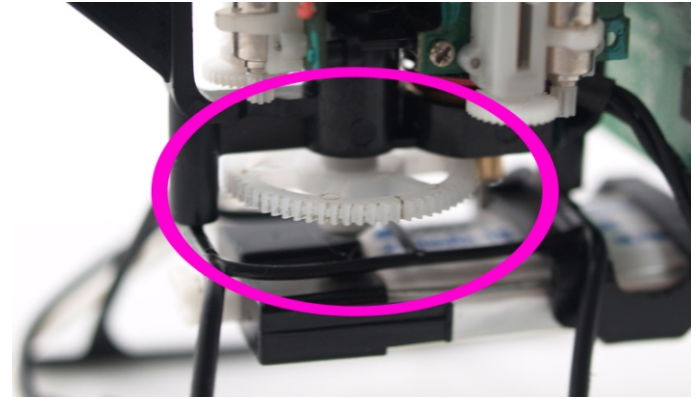
1. Separate the linear servo, then cut the support column on the frame and make it smooth.



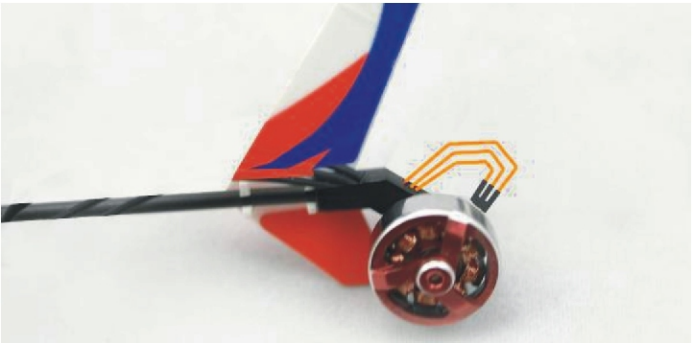
2. Assemble the pinion gear to the main brushless motor then assemble it into the frame.



3. Assemble the linear servo to the position as before.



4. Assemble main gear and prop, make sure the right position of main gear and pinion gear.



5. Insert the tail brushless motor into the matched hole position, get the wire from one side through the tail tube to another side, then connected it to tail motor ESC.
6. Assemble landing skid, canopy and other necessary parts. Finished !

3.friendly Statement

1. The Screw we matched for the motor is 1mm longer, if you use our screw, you need to cut it about 1-1.5mm shorter, to avoid making damage to the wires in the motor.
2. We suggest customers make this conversion under the guide of someone who has similar experience. In this way it can makes your work more efficient, or we won't take responsibility for any damage caused by unexperiencesed modification.
3. We also suggested this brushless convertor use with our P series ESC and our pointed motor, or we won't take responsibility for any damage caused by using other motor or
4. please make sure the right setting:
 - A. hovering accelerator is over 70%
 - B. positive and negative thread pitch should not be more than 24°
 - C. circulate thread pitch should not be more than 9° .