
★★★★★★★FOXTECH HOBBY Co., Ltd★★★★★★★

KRAKEN 130 V2 Assembly Manual

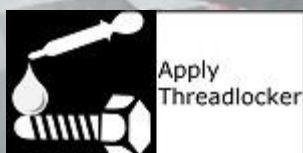


Foxttech is and always will be engaged in the continuous innovation and improvement in Aerial photo/video and FPV industry. Being the Foxttech featured product-Kraken130, we focus on its improvement all the time. The upgraded version is The Kraken 130 V2. The V2 is the continuation of original functions: equipped with powerful motors and high efficiency 18inch CF propeller which generates crazy lifting capacity (20KG flying weight,40kg with Tmotor U7) and very long fly time (over 50 minutes with enough battery); combined withGH3/5DII/5DIII /BMCC/Red-epic gimbals; installed with unique Easy-folding system and automatic folding landing gear allow for a quick set up and immediate launching at job site. K130 V2 is equipped with new motor seat. The new motor seat is made of durable and rigid materials which could avoid any broken situation to happen,it is not only compatible with Foxttech 5010/8108 motor but also compatible with Tmotor's U7/U8. The Foxttech Multi-Pal ESC(60A OPTO/600HZ Max) with up-to-date SimonK Firmware(2014.3.5 version currently) is perfect matched with Foxttech 5010/8108 motor and T-Motor U7/U8, directly compatible with Foxttech 300A Power Distributor Board.

Specifications

Width	1790mm(18" propeller mounted) 500mm(Landing gear skid)
Length	1790mm(18" propeller mounted)
Height	520mm(18" propeller mounted) 400mm(Central damper plate to ground)
Diagonal wheel	1310mm
Carry size	600mm*500mm*420mm 830mm*500mm*420mm(18" propeller mounted)
Battery mount seat	220mm*220mm
Frame arm length	500mm
Weight	6kg(Gimbal, battery not includes) 15kg(Routine) 20kg(Max, short fly time expected)
Motor suggested	Foxtech 5010/8108/Tmotor U7/U8 Brushless motor
ESC suggested	Foxtech Multi-Pal 60A OPTO 600HZ
Propeller suggested	17"-18" CF
Radio suggested	Futaba 14SG
Flight control suggested	DJI A2M DJI WKM ZeroUAV X6P
Battery suggested	>6S 10000mah

Kraken130 V2 Kit Packing List



1. Frame Arm Assembly And Installation

Step 1



Step 2



Step 3



Step 4



Step 5



Finished

-Please repeat Step1 to Step 5 to assembly other Frame Arms.

Step 6



Step 7



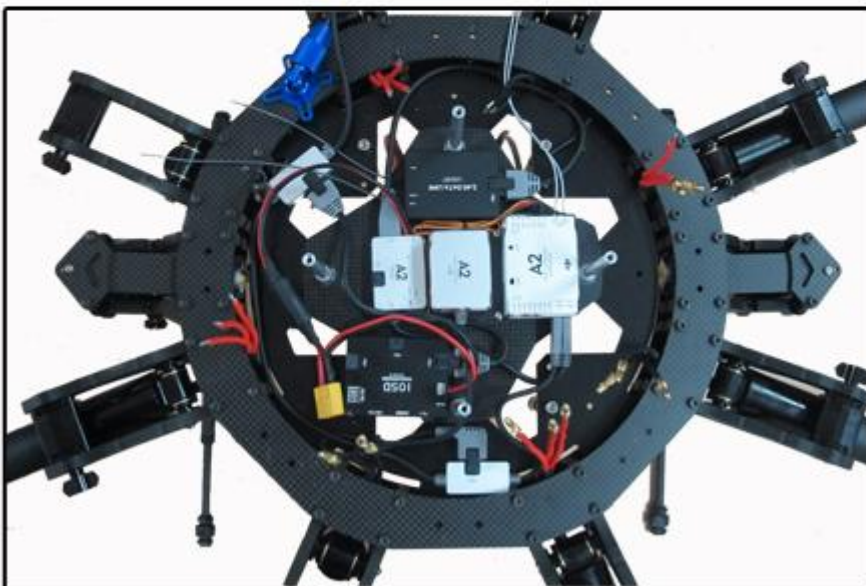
Tips

Tightening the screw



Step 8

Cut the wire to make 6cm out and soldering the banana plug



2. Landing Gear Assembly And Installation

Step1



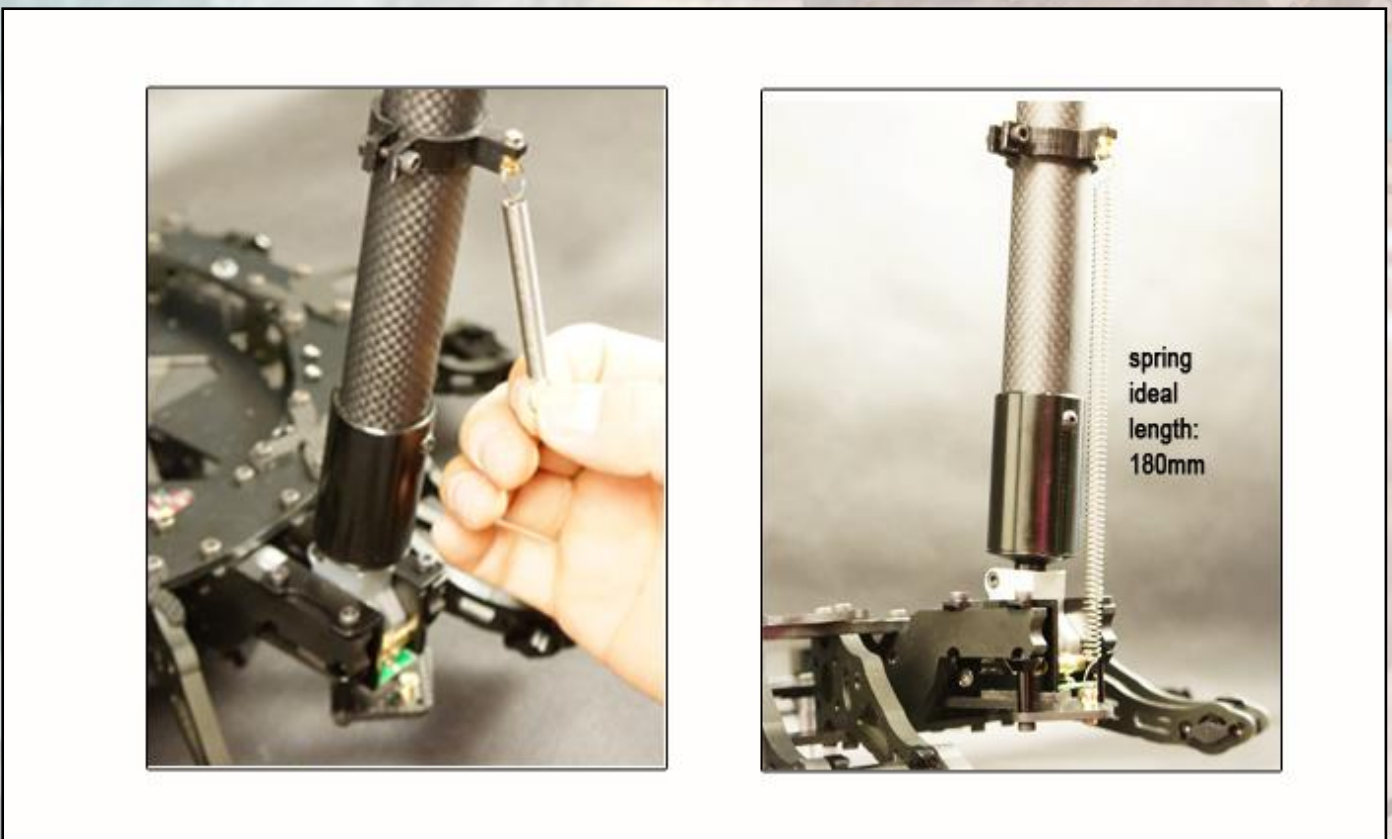
Step 2



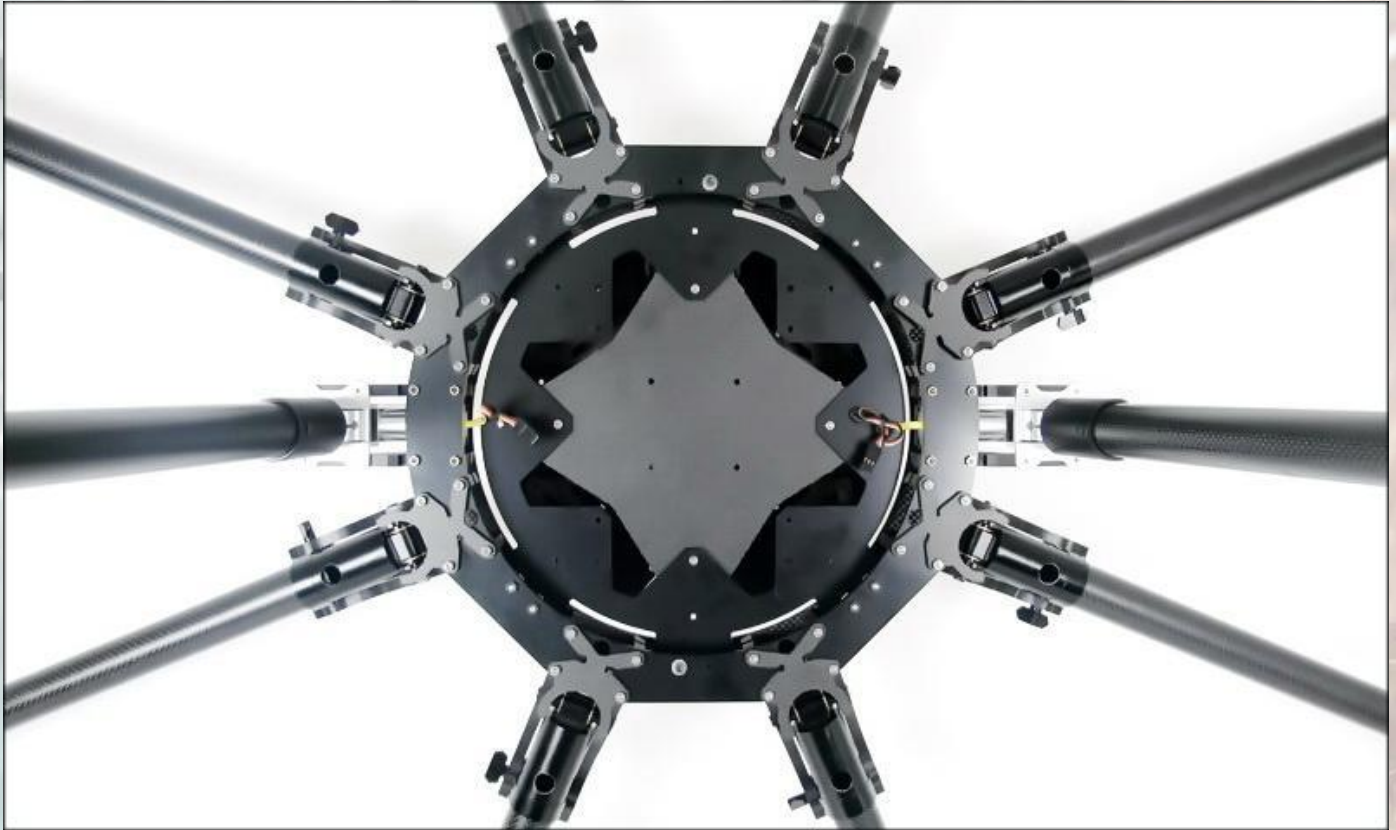
Step 3



Step 4

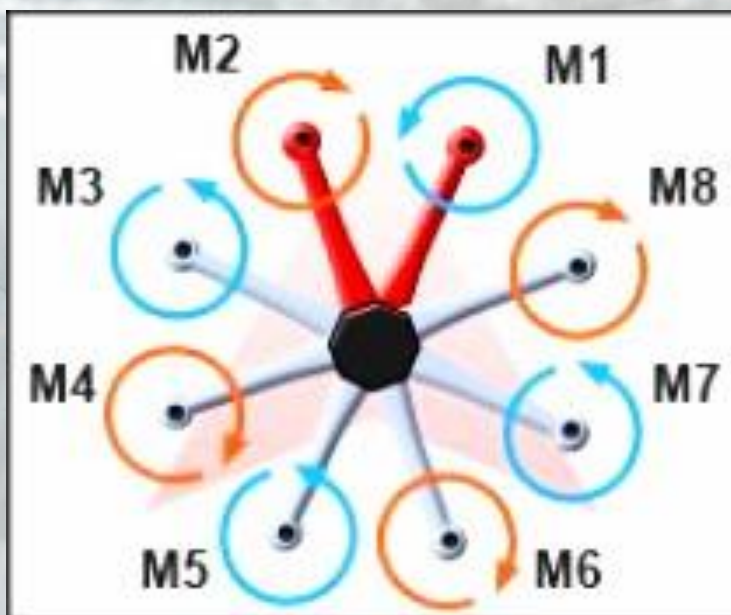


Step 5



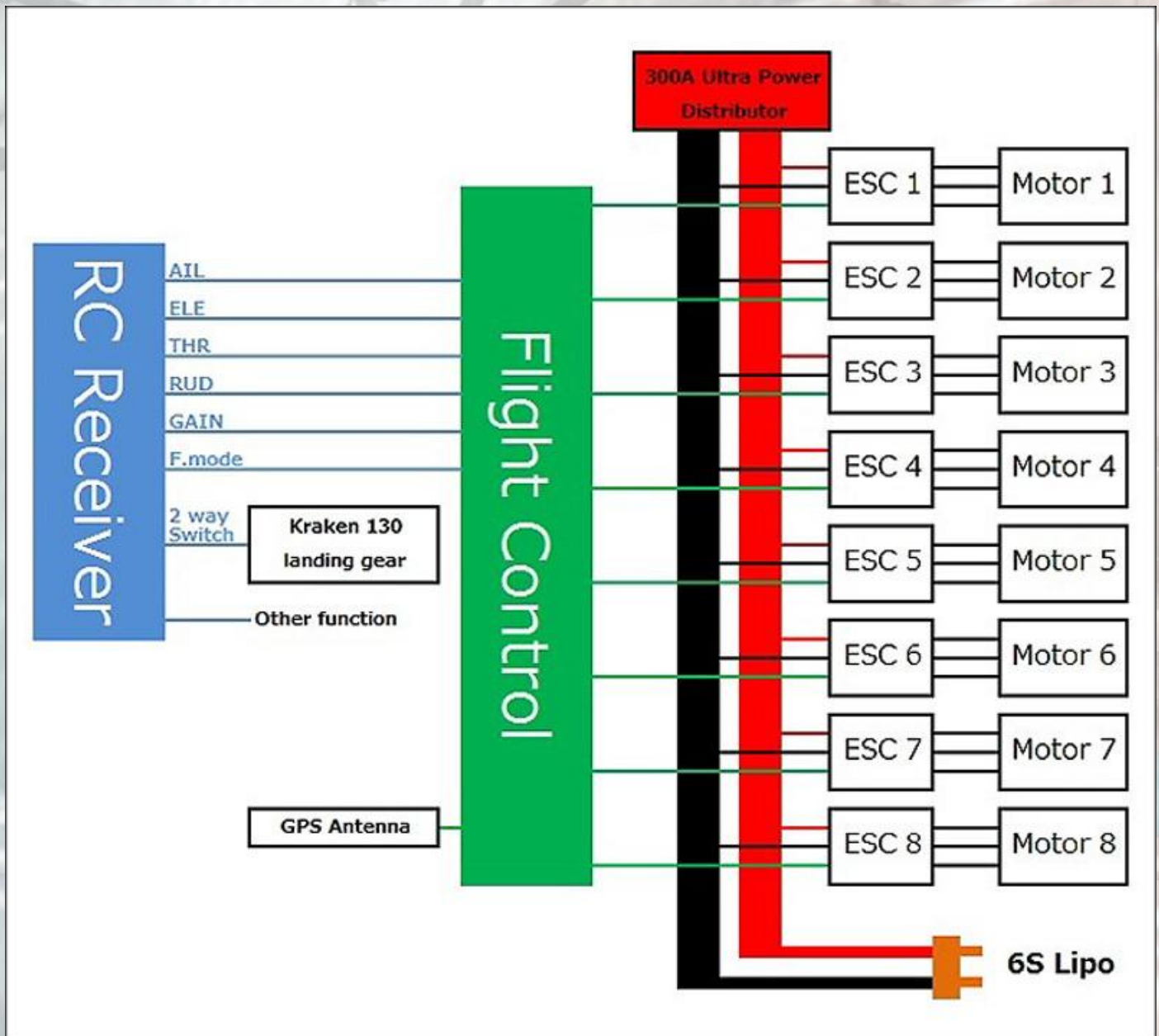
3. Electronic Equipments Installation

Multi-rotor Mixed Type: Octo-rotor V (**Very Important!**)

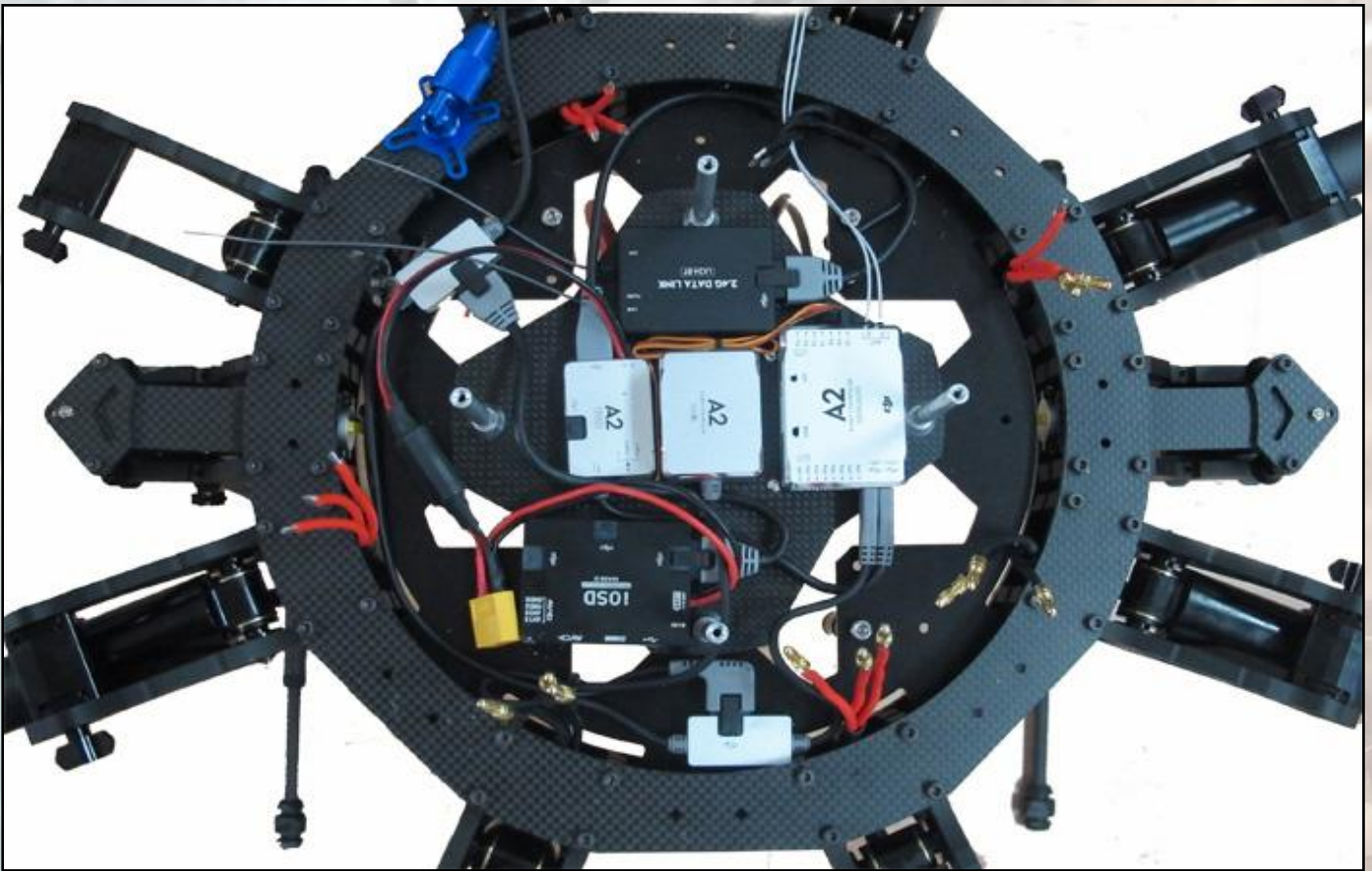


Landing Gear Operation Voltage: 4.8-6V

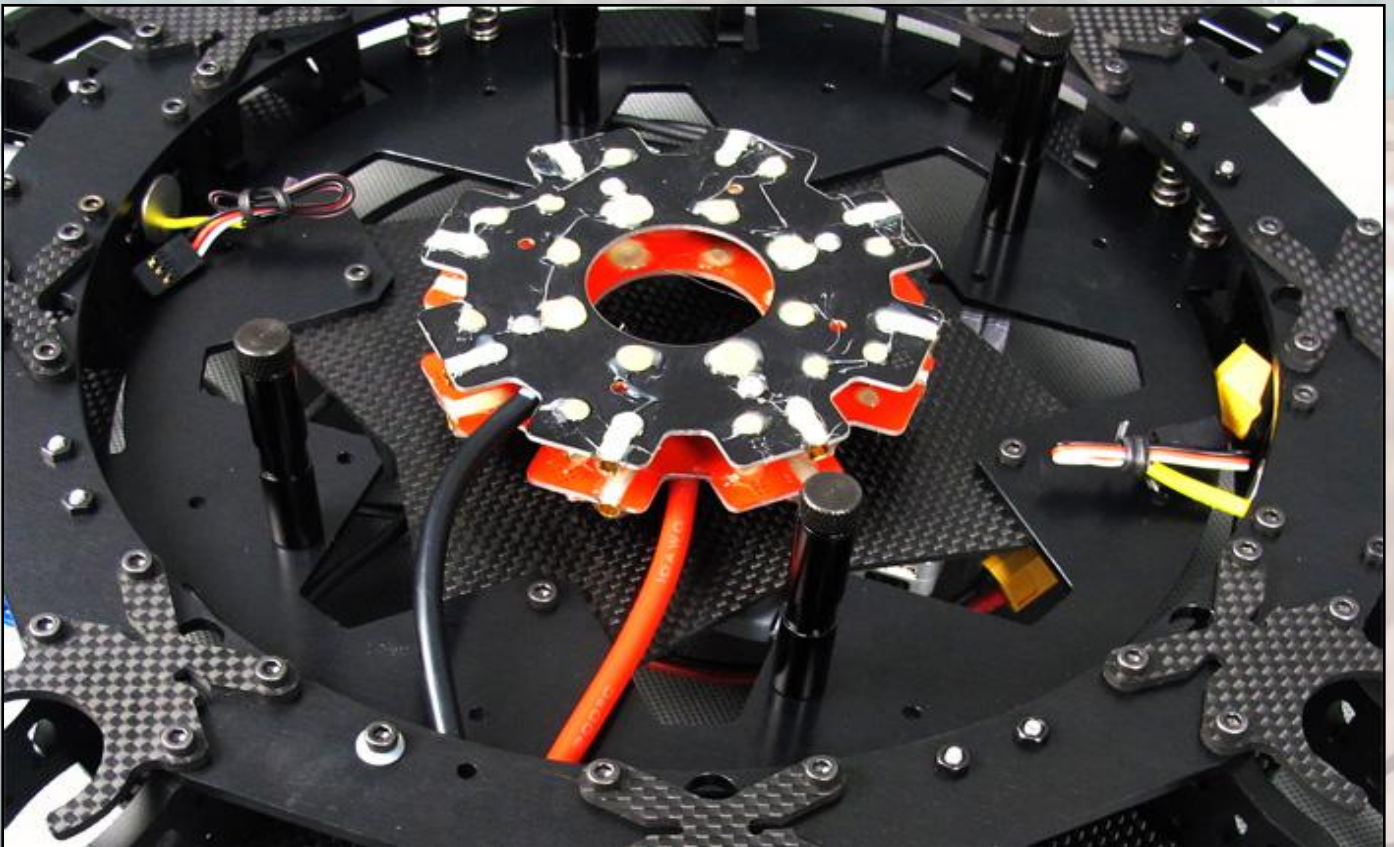
Electronic Equipments Connection



Step 1



Step 2

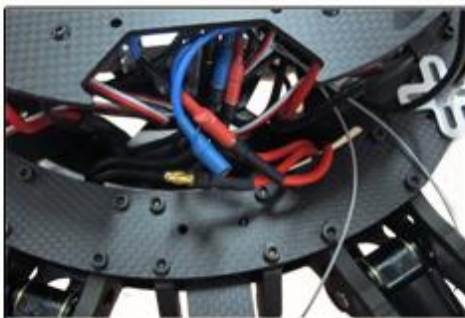


Step 3



Step 4

Insert the frame arm wire plug into the ESCs socket



4. Propeller Installation

Step 1

Adjust the motor mount seat, make sure carbon tube fully insert and motor shaft completely vertical to the frame plate.



Step 2



Step 3



5. Electronic Devices Setting Suggested:

Radio: Futaba 14SG + SB7008 SBUS

F.mode: CH7

Gain: CH6

Landing Gear: CH5

DJI A2:

Receiver Type: D-BUS

Gain Basic: Pitch 220%/Roll 220%/Yaw 220%/Vertical 120%



Gain Attitude: Pitch 120%/Roll 120%










Voltage Protection Switch: OFF

Landing Voltage: 3.5V/Cell



Kraken130 V2 Parts List

 <p>KF001 Battery mounting plate</p>	 <p>KA002 Arm mounting rack</p>	 <p>KA008 Damping plate spring</p>
 <p>KF002 Damping plate</p>	 <p>KA003 Arm mounting pad</p>	 <p>KA009 Battery mounting stud</p>
 <p>KF003 Up plate</p>	 <p>KA004 ESC mounting plate</p>	 <p>KL001 Landing gear</p>
 <p>KF004 Down plate</p>	 <p>KA005R Motor seat (orange)</p>	 <p>KL002 Landing gear mounting rack</p>

 <p>KF005 ESC mounting plate</p>	 <p>KA005B Motor seat (black)</p>	 <p>KL003 Landing gears kid</p>
 <p>KF006 Arm folding attaching clamp</p>	 <p>KA006 Motor mounting plate</p>	 <p>KL004 Landing gear servo</p>
 <p>KA001 Arm</p>	 <p>KA007 Arm lock catch</p>	 <p>KL005 Landing gear spring mounting plate</p>

Kraken 130 dedicated thread on RCG:

<http://www.rcgroups.com/forums/showthread.php?t=2054477>

Share your K130 on Facebook:

https://www.facebook.com/groups/1421185571471438/1421187934804535/?notif_t=like

MEMO







For more info ,please visit www.foxtechfpv.com to check more of our amazing products.

Pls forgive that if any change of products will not make additional specify in advance.

June,20,2014

20 / 20