



DIY Build N' Fly Drone

4 in 1!



Up / down, left / right, forward / backward
Headless mode
6-axis gyro
Battery: 3.7V 900 lithium polymer
Product Size: 17.5 x 14.5 x 1.5 cm
Charging time: 30~90 minutes (depending on adaptor)

**WARNING: Read the manual thoroughly before flying.
Do not fly without understanding the contents of
this manual.**

1.CAUTIONS:

This product is not a toy, it is a precise device which requires accurate assembly and debugging to avoid potential accidents. It should be operated in accordance with the User manual. It is the user's responsibility to fly and operate this drone responsibly keeping far away from people or property.

- (1) Not suitable for children under 14 and without model operating experience and adult supervision
- (2) Please respect any local regulations
- (3) We will not be responsible for any damage caused by improper operation
- (4) For any technical support and after-sale service, please contact your local distributor

2.WARNINGS:

The drone can cause harm. Please keep do not operate near people, crowds or property. Proper assembly of the drone is essential. Improper assembly, poor control or being unfamiliar with operations, may cause harm. Please be cautious.

- (1) Keep away from people, high-rise buildings, high-voltage lines. Avoid flying in high winds or stormy weather to ensure safety
- (2) Keep away from humid conditions to avoid malfunction
- (3) Keep away from the blades to avoid danger and damage
- (4) Keep away from heat to avoid deformation or damage by high temperature. Store in a cool, dry area
- (5) Safely operate the drone according to your own flying skills
- (6) Ensure the blades are installed correctly, or it will not fly

3.ATTENTION BEFORE FLIGHT:

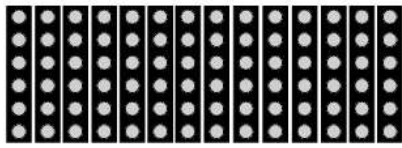
- (1) Please fly the drone in an open space
- (2) Please make sure the battery is fully charged
- (3) Please make sure the accelerator stick in the lowest position before turn on the controller
- (4) Please check the connection of the battery and motor parts before flying

4.BATTERY WARNINGS:

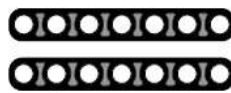
- (1) Do not over discharge
- (2) Do not overcharge
- (3) Please keep the drone with 60% power if you do not play it for a long time, recharge for every 4 or 5 months
- (4) If you notice swelling or significant over heating of the battery please do not use
- (5) Research proper disposal in your area for any old or unwanted batteries

LIST OF COMPONENTS

Building block with 6 holes X14



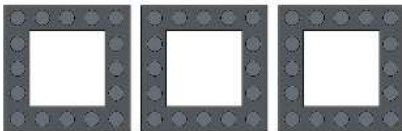
Rubber band X2



Building block with 1 hole X20



Square building block X3



Building block with 8 holes X1



Motor Base X9



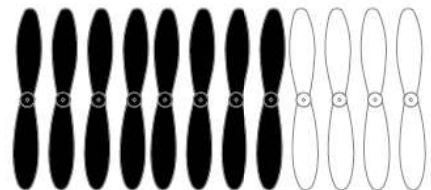
Receiver box X1



Plode honge X1



Blade X12



Motor X6



Battery X1



Manual X1



USB Charging Line X1



Rubber Band X2



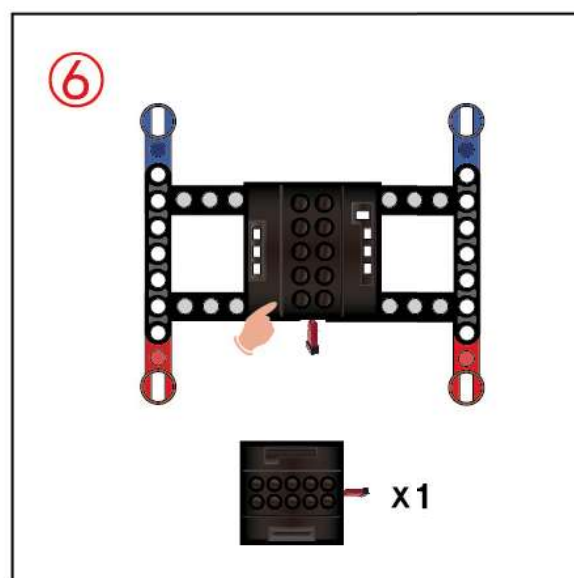
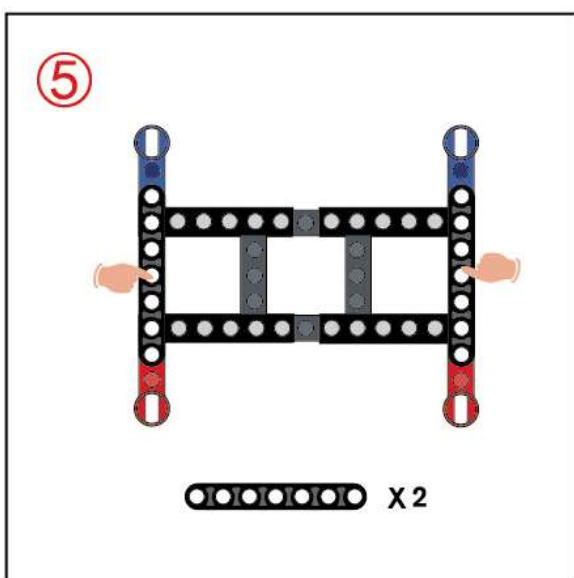
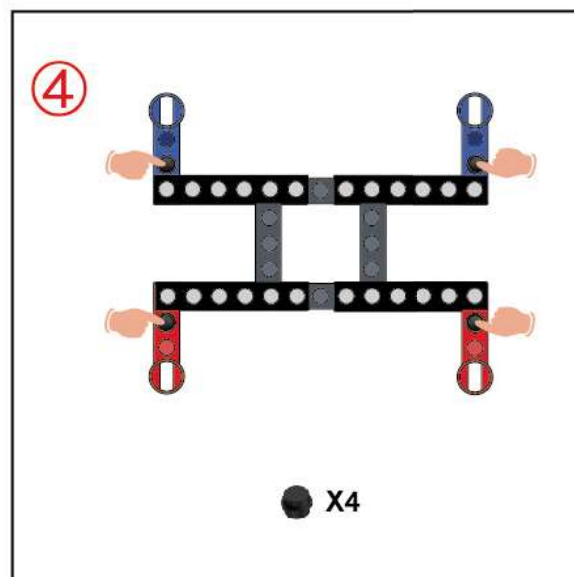
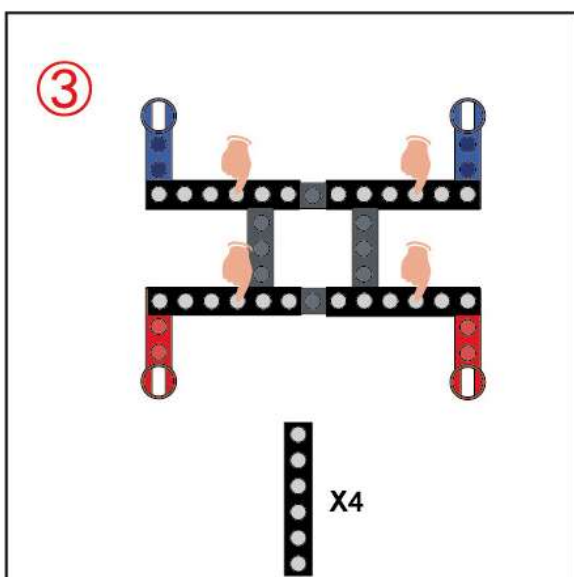
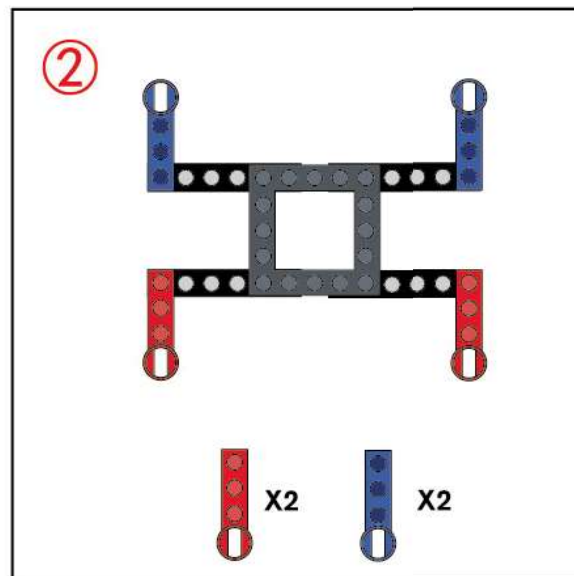
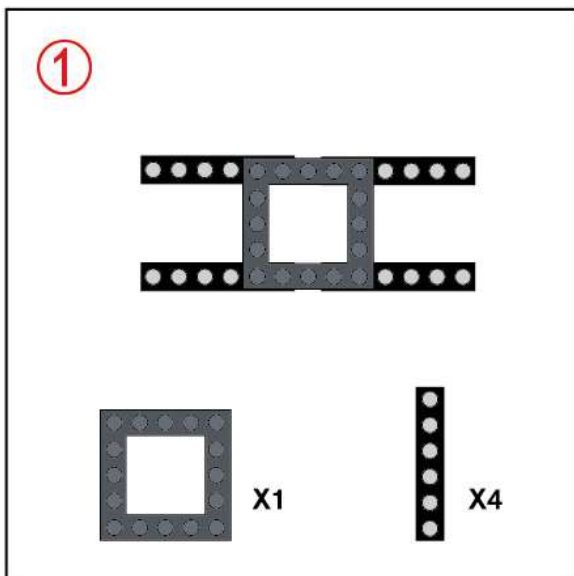
Controller X1



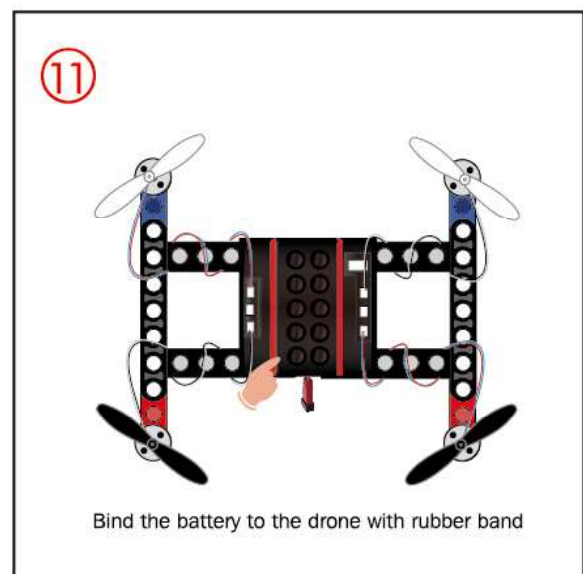
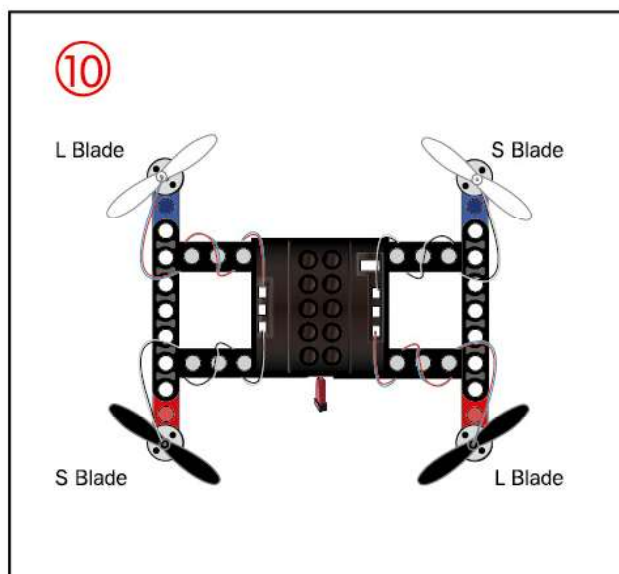
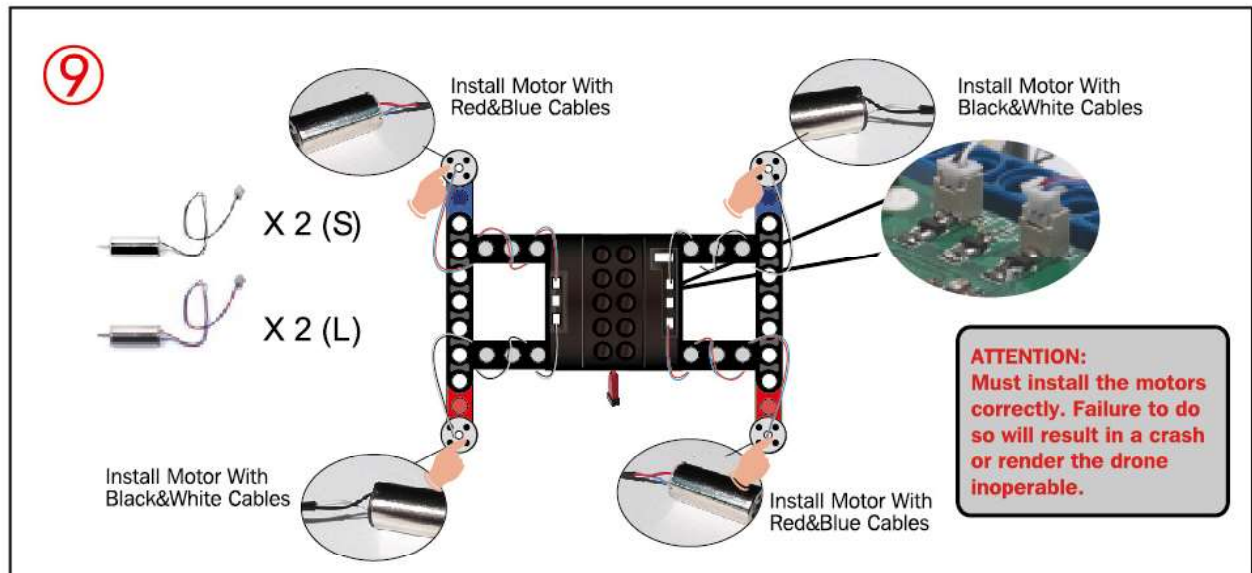
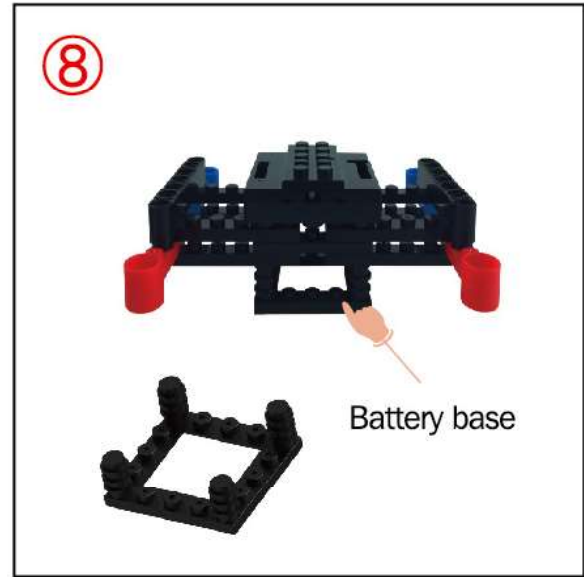
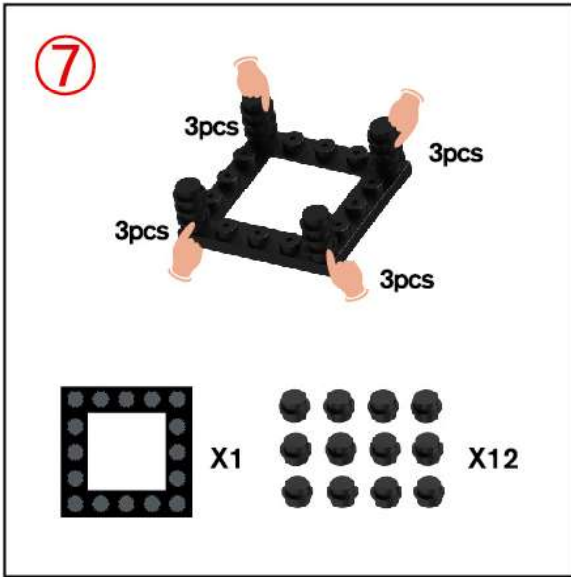
FUNCTION AND DESCRIPTION OF THE CONTROLLER



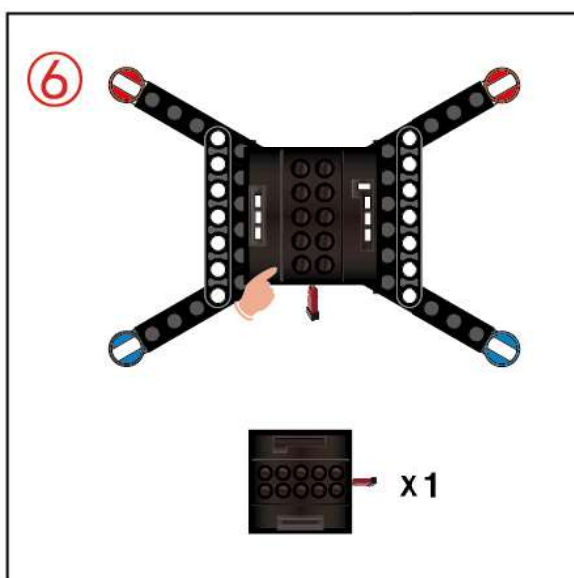
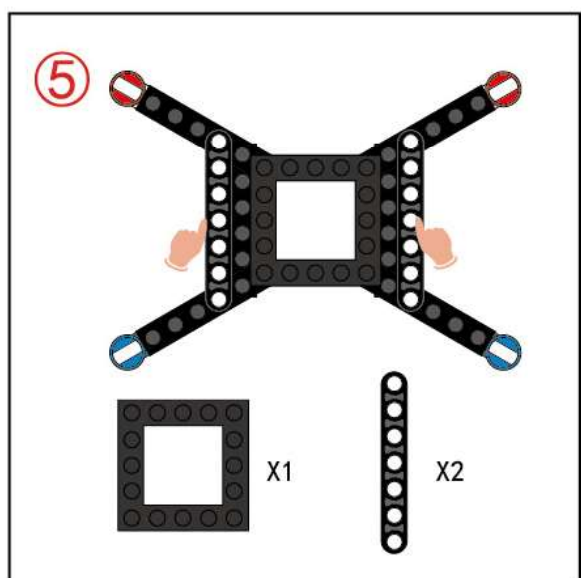
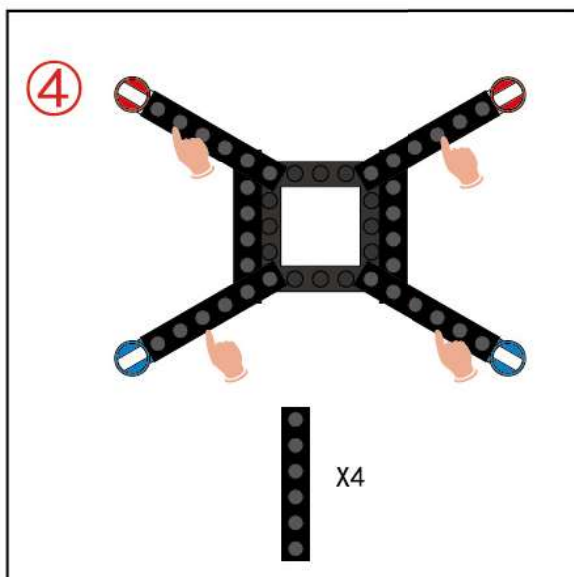
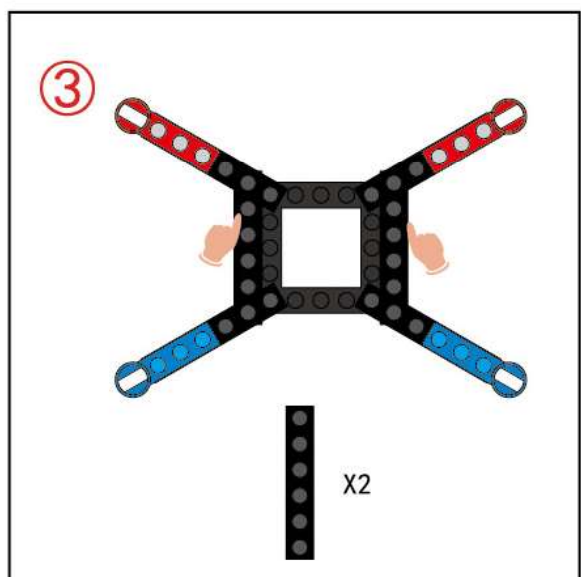
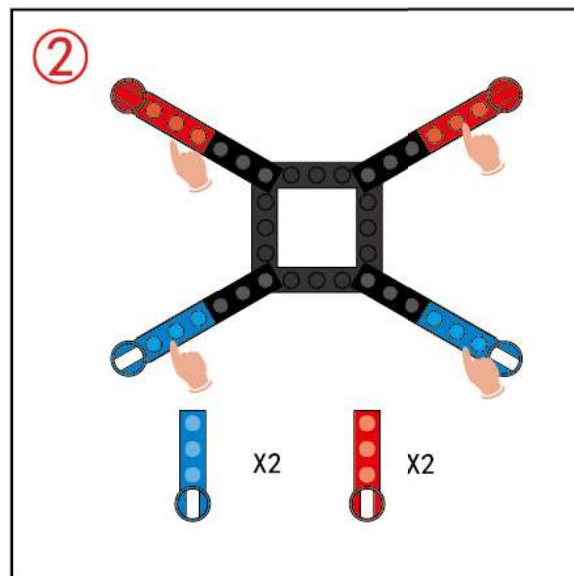
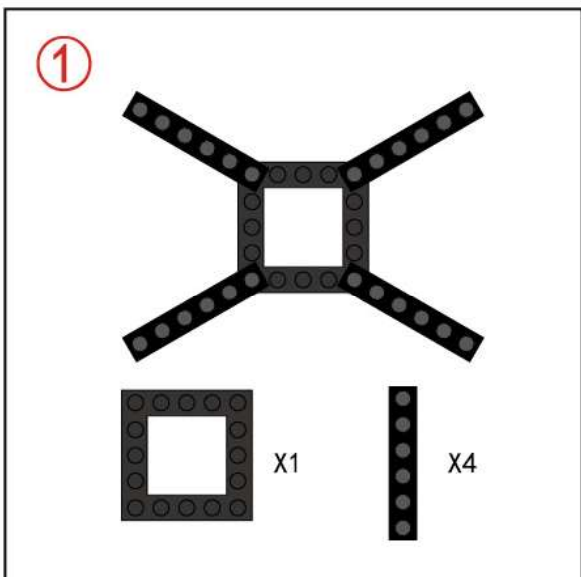
MODEL 1 DRONE ASSEMBLY (4 AXIS)



MODEL 1 DRONE ASSEMBLY (4 AXIS)

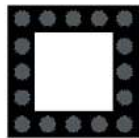


MODEL 2 DRONE ASSEMBLY (4 AXIS)



MODEL 2 DRONE ASSEMBLY (4 AXIS)

7



X1



X12

8



Battery base

9

Install Motor With Red&Blue Cables

Install Motor With Black&White Cables



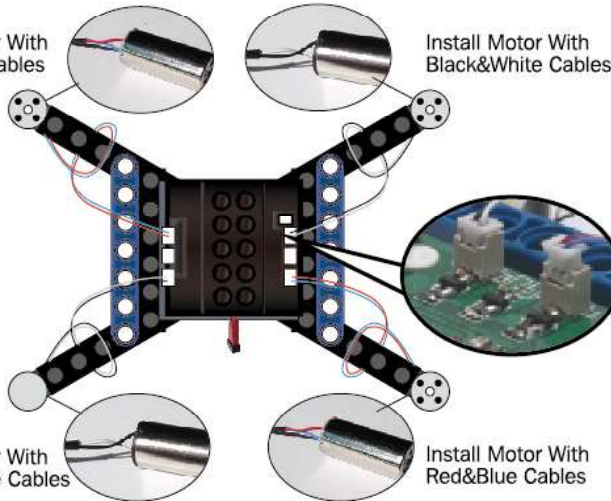
X 2 (S)



X 2 (L)

Install Motor With Black&White Cables

Install Motor With Red&Blue Cables

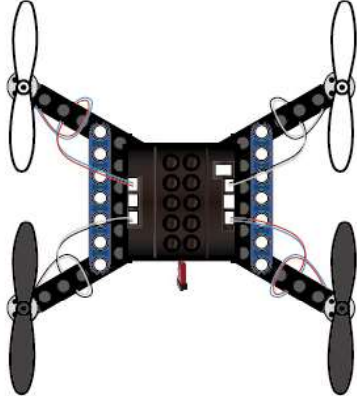


ATTENTION:
Must install the motors correctly. Failure to do so will result in a crash or render the drone inoperable.

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L Blade

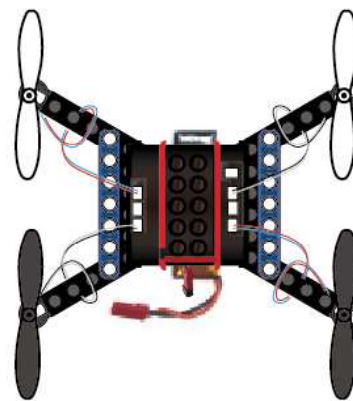
S Blade



S Blade

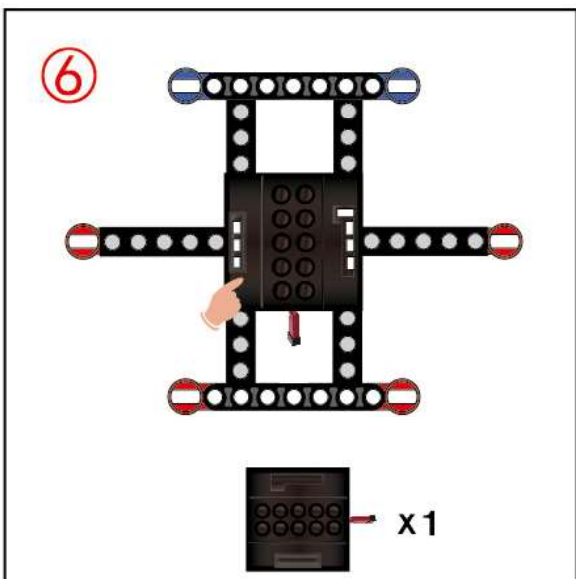
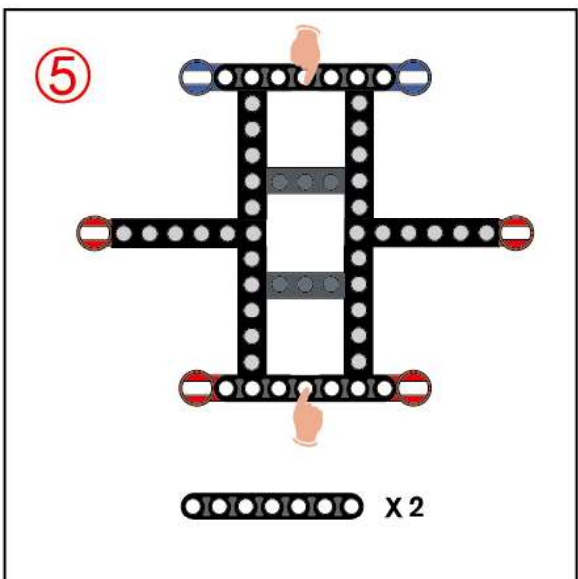
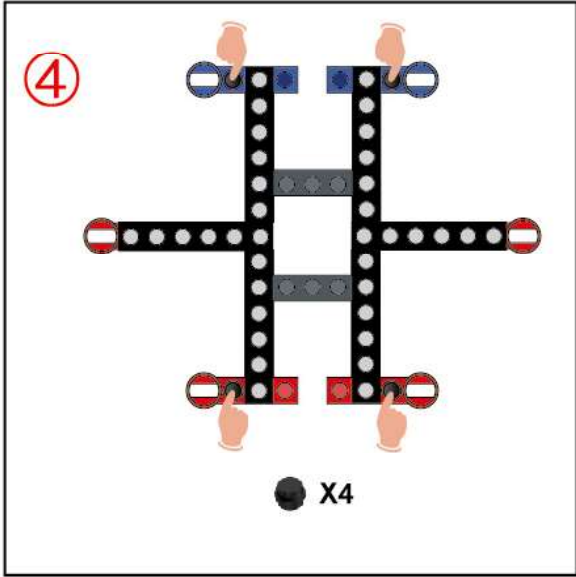
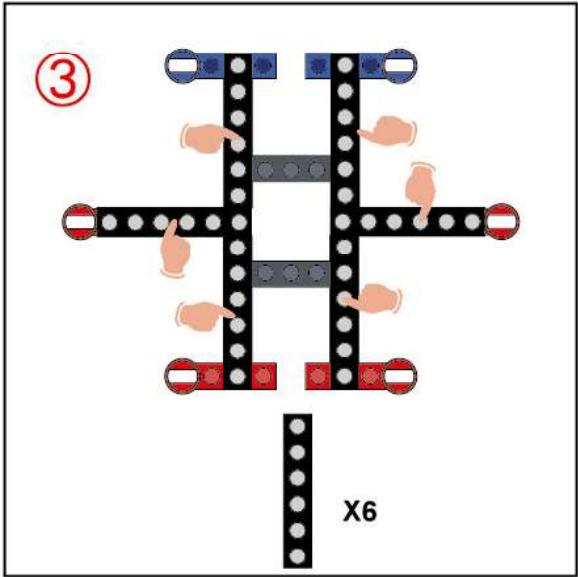
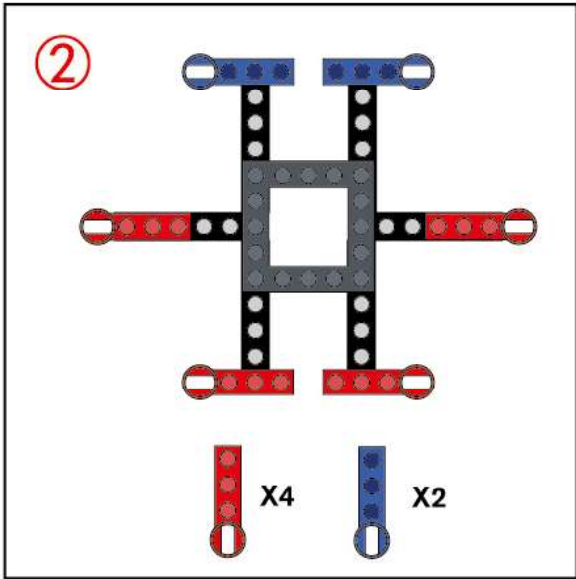
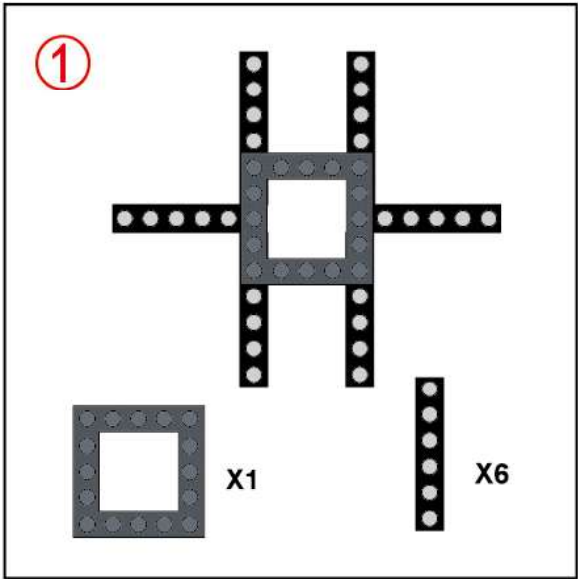
L Blade

11

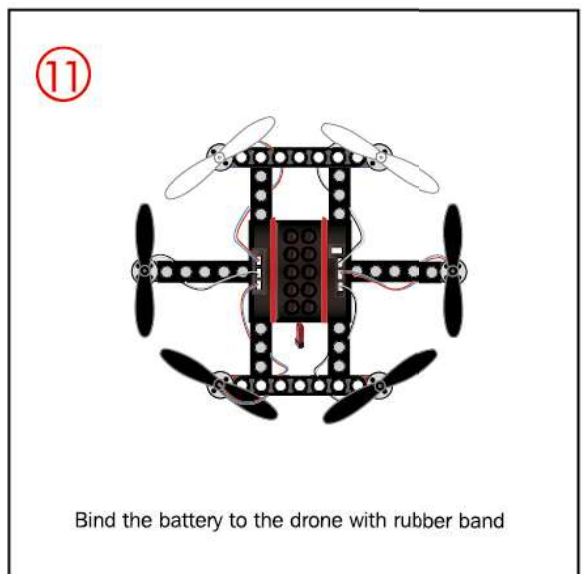
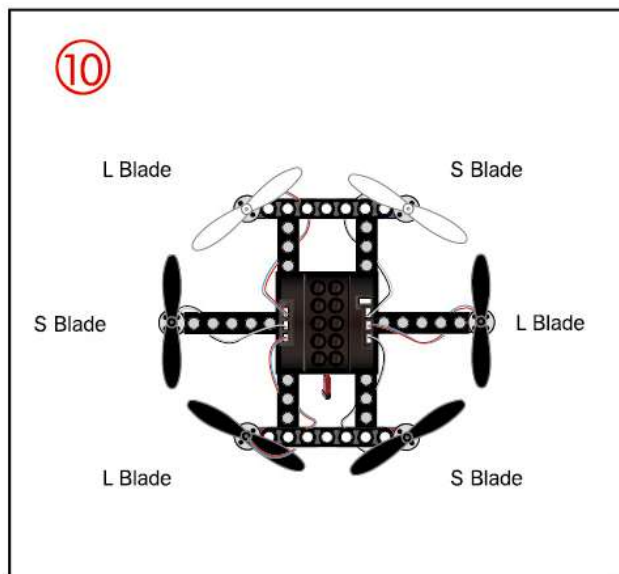
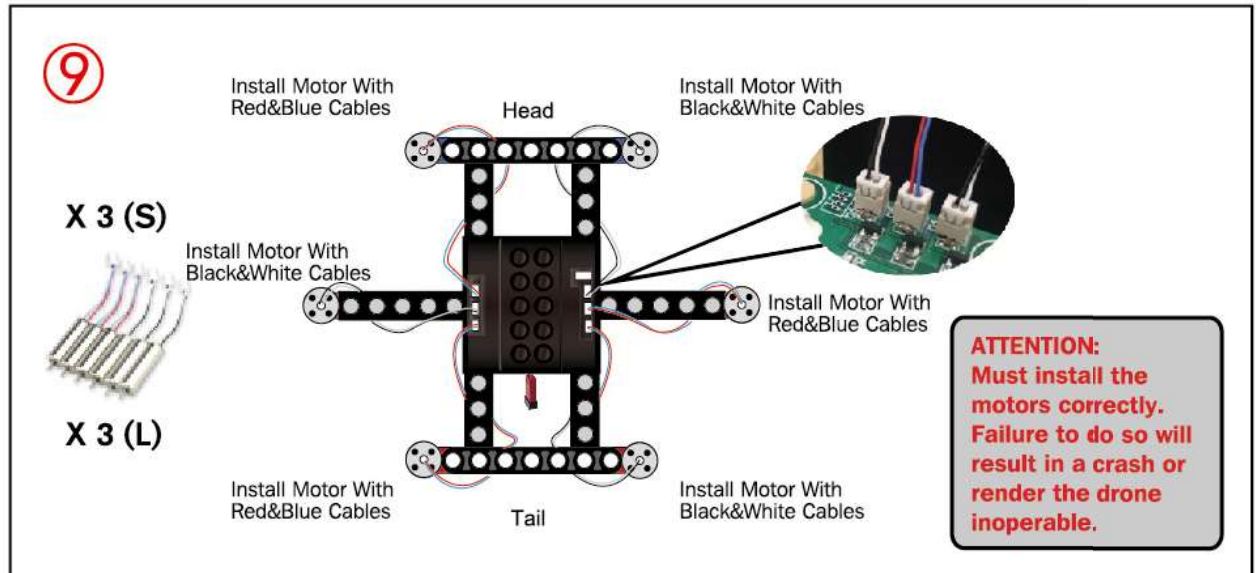
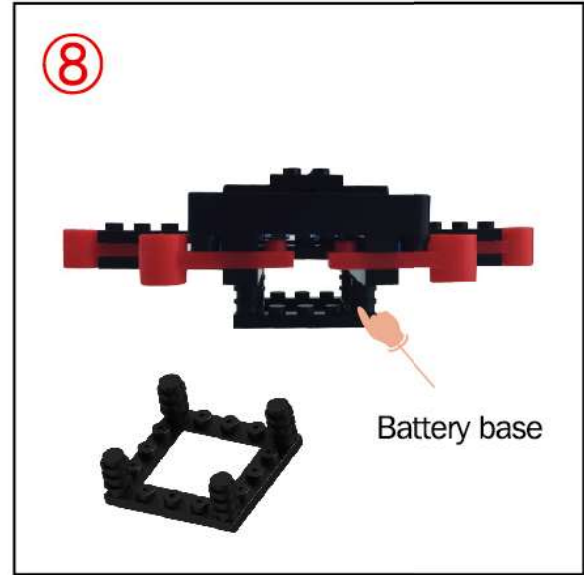
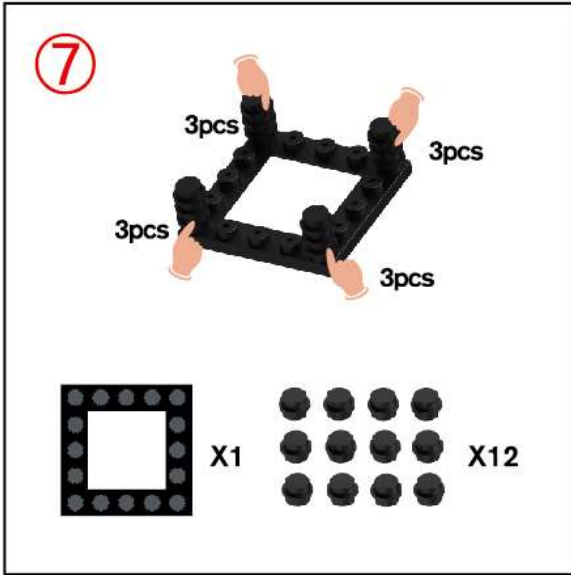


Bind the battery to the drone with rubber band

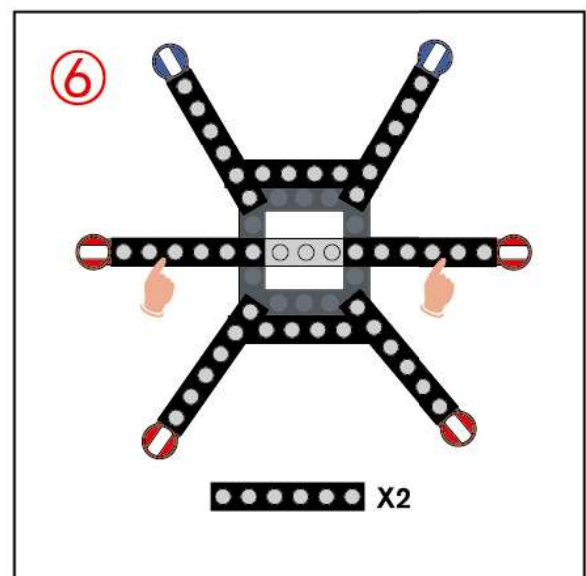
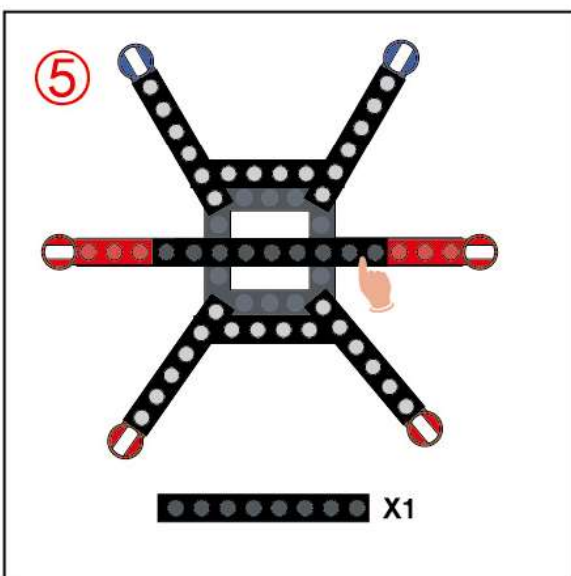
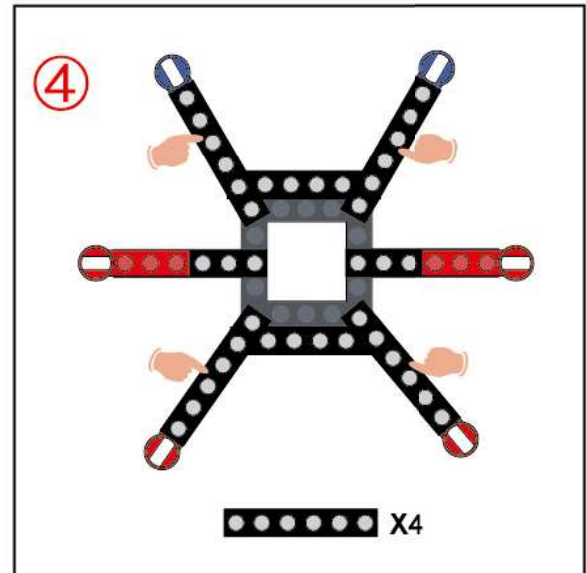
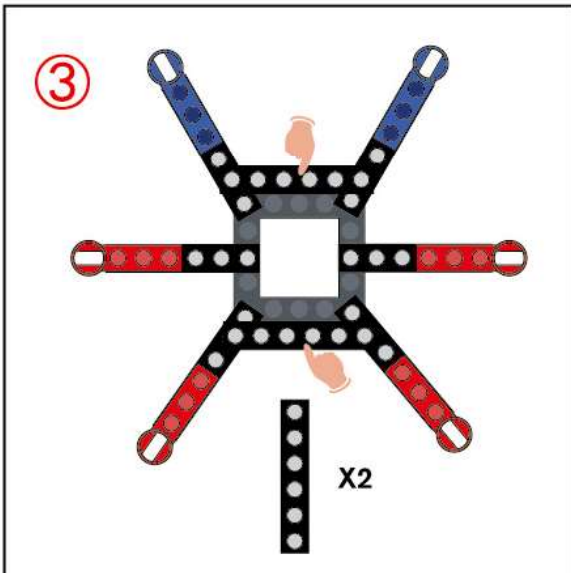
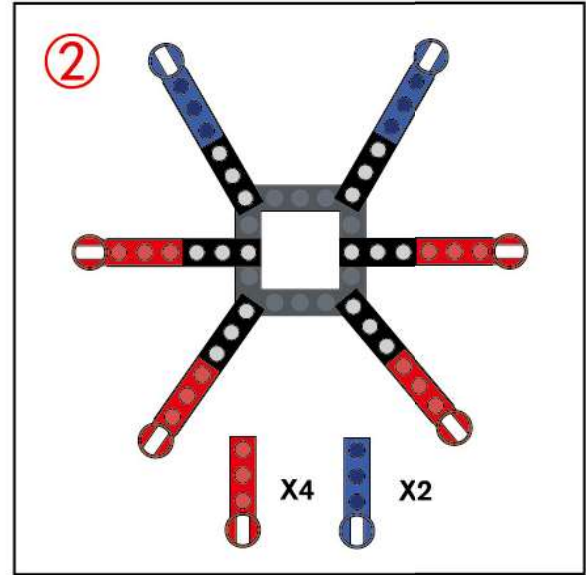
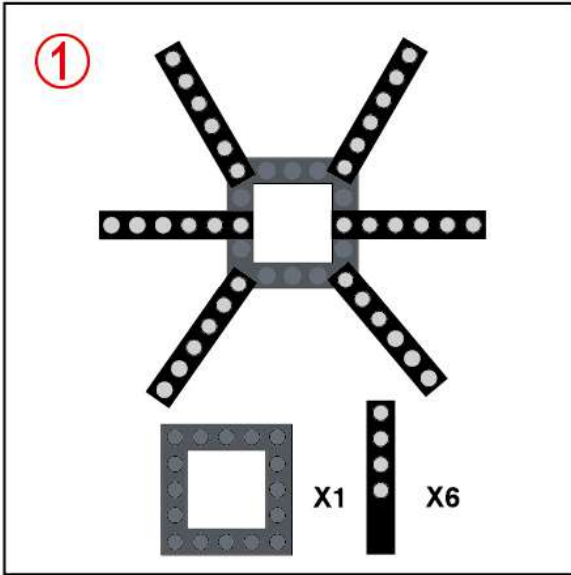
MODEL 3 DRONE ASSEMBLY (6 AXIS)



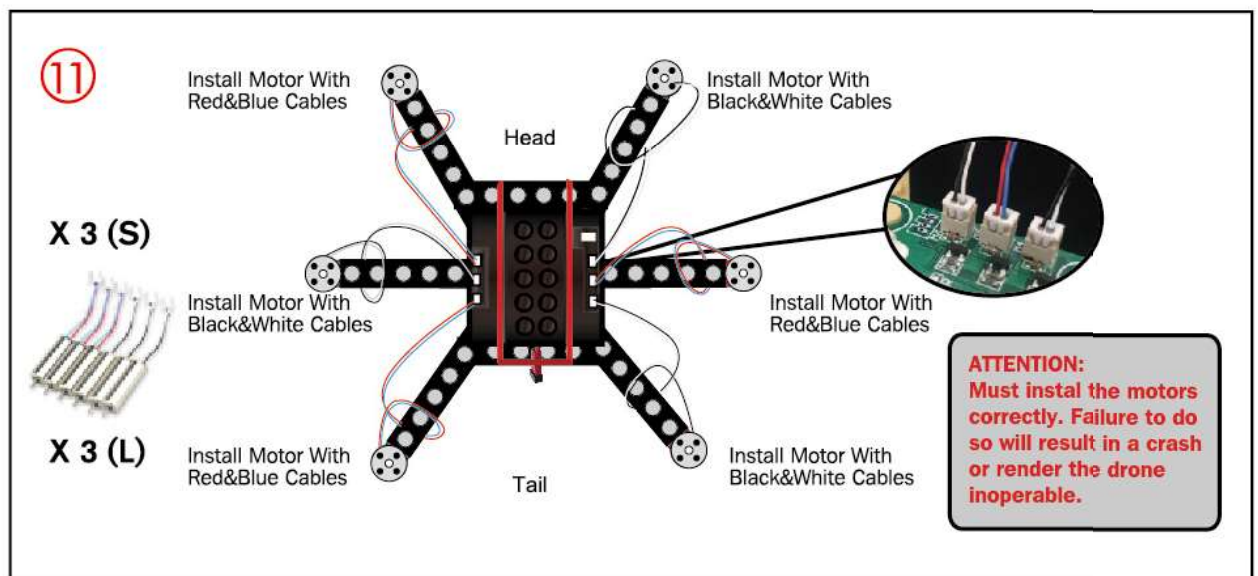
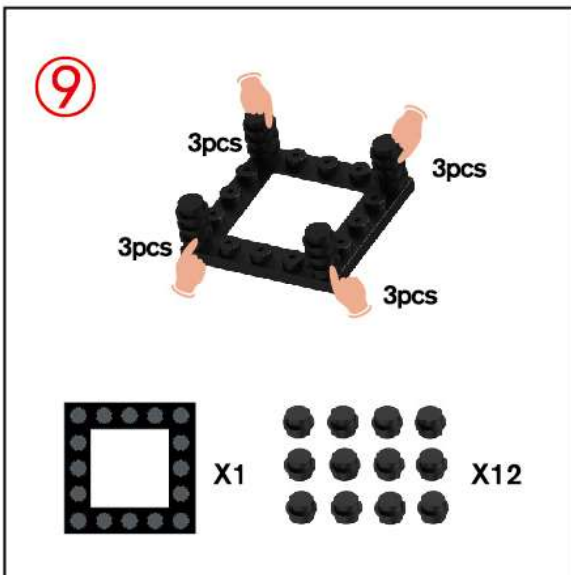
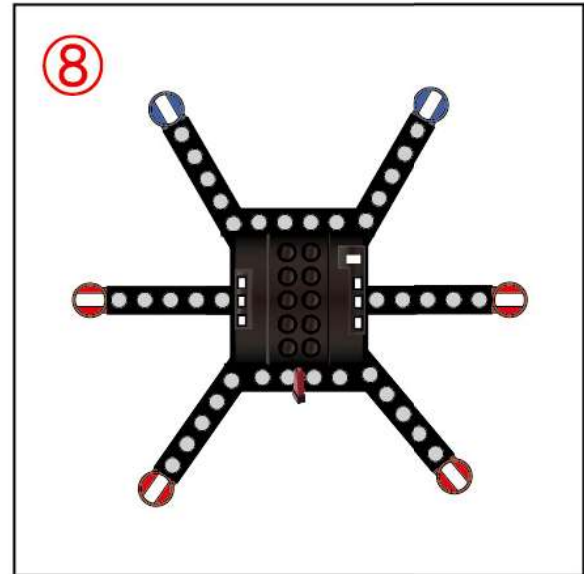
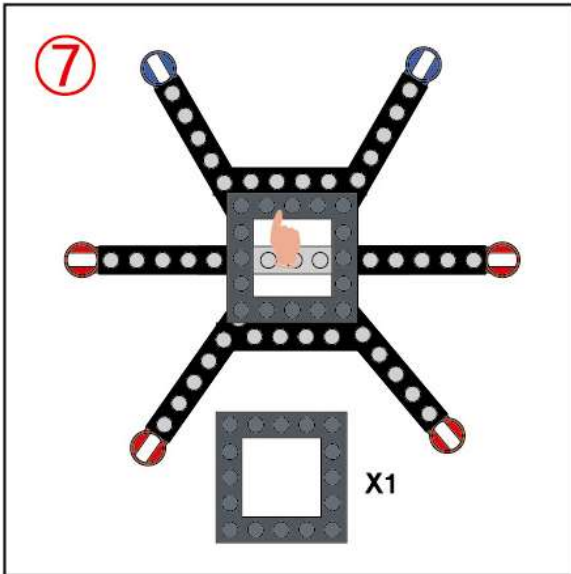
MODEL 3 DRONE ASSEMBLY (6 AXIS)



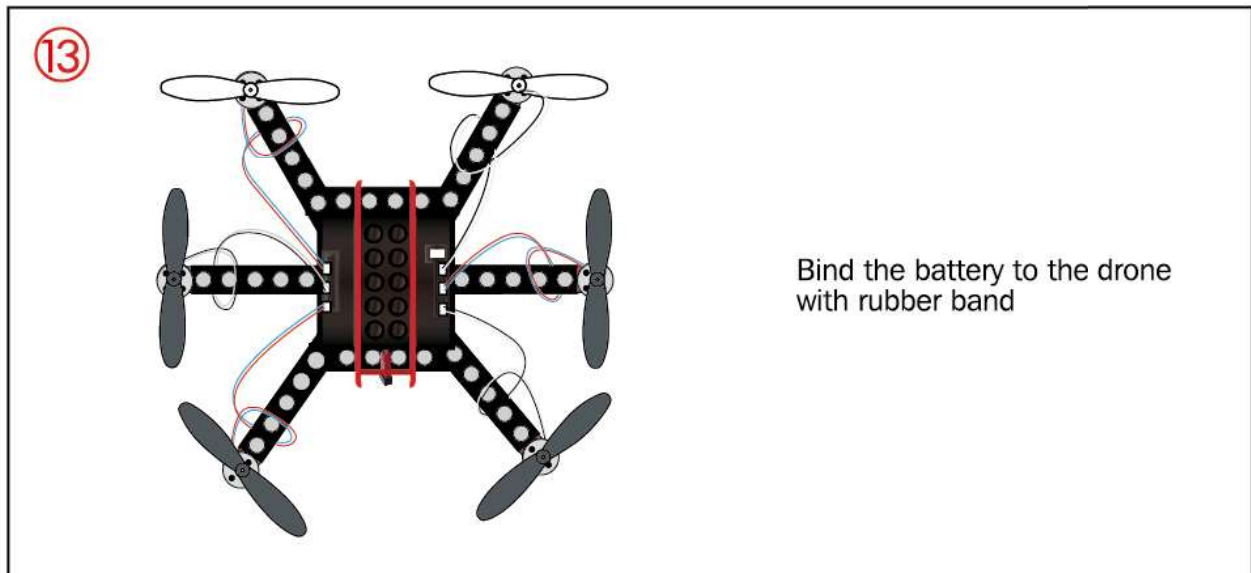
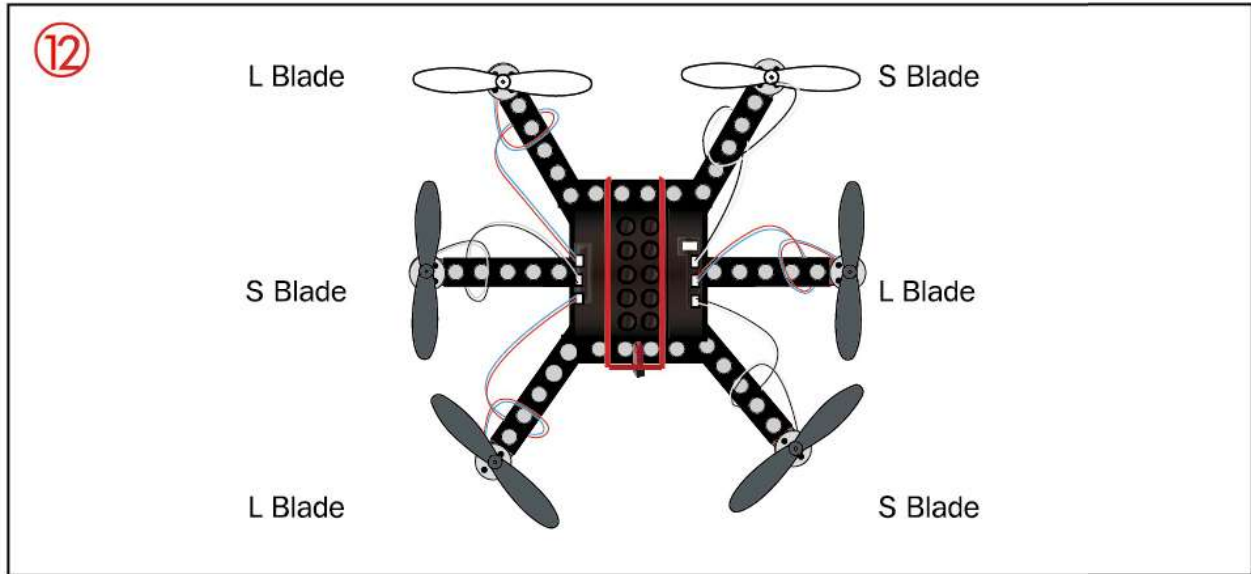
MODEL 4 DRONE ASSEMBLY (6 AXIS)



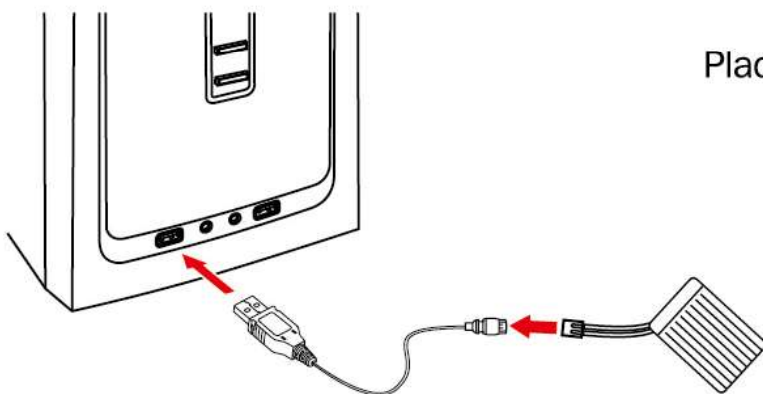
MODEL 4 DRONE ASSEMBLY (6 AXIS)



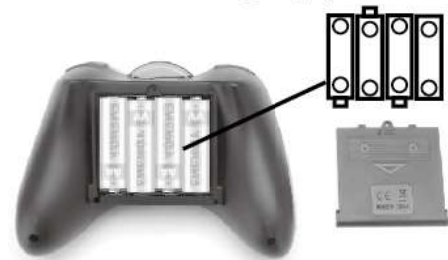
MODEL 4 DRONE ASSEMBLY (6 AXIS)



BATTERY INSTALLATION AND CHARGING INSTRUCTIONS



Place batteries according(+/-)



CHARGING :

- (1) Charge the battery using the USB cable, connecting to a wall port or computer. The light will turn on when it charging, and off when fully charged.
- (2) Install the fully charged battery into the base of drone, connect the battery plug to the drone's input. Once powered lights will be on.

DRONE BATTERY INSTALLATION

Install fully-charged battery into the drone battery base, then connect battery plug with drone's.



⚠ ATTENTION: Install the battery with caution, ensuring it connects correctly. Improper installation may cause damage to the battery.

DRONE AND CONTROLLER CONNECTION

Turn on the drone by connecting the battery, the lights will be flashing. Place the drone on a flat surface, in an open and safe flying area, then turn on the remote. When you are ready to pair the drone and remote: Push the left control stick forward, then backwards. You should hear 2 beeps and the drone lights will stop flashing, which signals you are paired and read to fly.

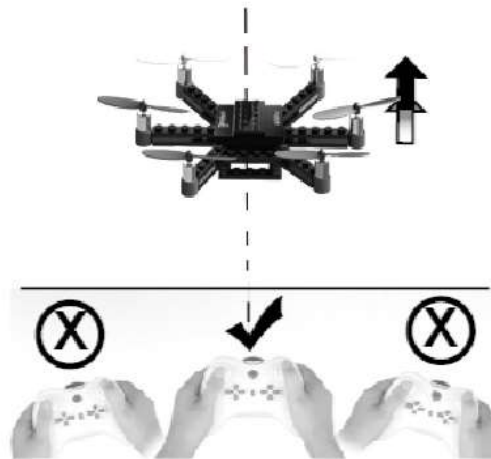


BEGINNER/ HEADLESS MODE SETTING

When the headless mode is on, regardless of the orientation (direction your drone is facing). Using the right control stick; forward is forward, left is left and right goes right and down will cause the drone to reverse.

(The right stick push forward, the drone will fly away, push backward, the drone will fly back, the direction that the drone itself is facing will have no effect.)

1. Flying direction setting: Put the drone right in front of you, point the remote towards the back of the drone, then press one key take off.







2. During flying, press headless mode button, the remote will sound "beep,beep" the drone's light will blink fast, headless mode is on. Press one more time, the remote will sound "beep", it means off the headless mode.





FLYING CONTROL

If the drone is drifting or appears mildly unstable, you can correct by using the trim for micro adjustments.





1. Accelerator (left stick)

Up		Push the left stick forward to power the propellers and gain altitude. Push the left stick backwards to reduce power and reduce altitude.	
Down			





2. Turn left / right (left stick)

Turn left		Push the left stick to the left and the drone will turn to the left.	
Turn right		Push the left stick to the right and the drone will turn to the right.	

3. Forward/backward (right stick)

Forward		Push the right stick forward and the drone moves forward.	
Backward		Push the right stick backwards and the drone will move in reverse.	

4. Side-flying (right stick)

Left side-flying		Push the right stick left and the drone will veer left.	
Right side-flying		Push the right stick to the right and the drone will veer right.	

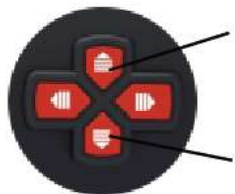
MICRO ADJUSTMENT

Forward / Backward micro-adjustment

Inclined to the ahead side



Inclined to the back side

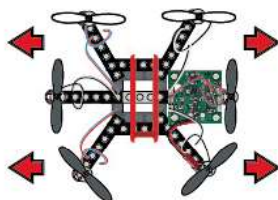


After take off, when you feel the drone is drifting backwards (towards you), press the trim forward to make micro adjustments.

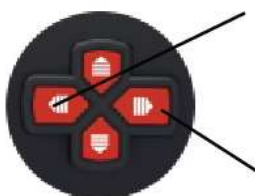
After take off, when you feel the drone is drifting forwards (away from you), press the trim downwards to make micro adjustments.

Left/Right micro-adjustment

Inclined to the left side



Inclined to the right side



After take off, when you feel the drone is drifting to the right, press the trim left to make micro adjustments.

After take off, when you feel the drone is drifting to the left, press the trim right to make micro adjustments.

HIGH/LOW SPEED



High speed

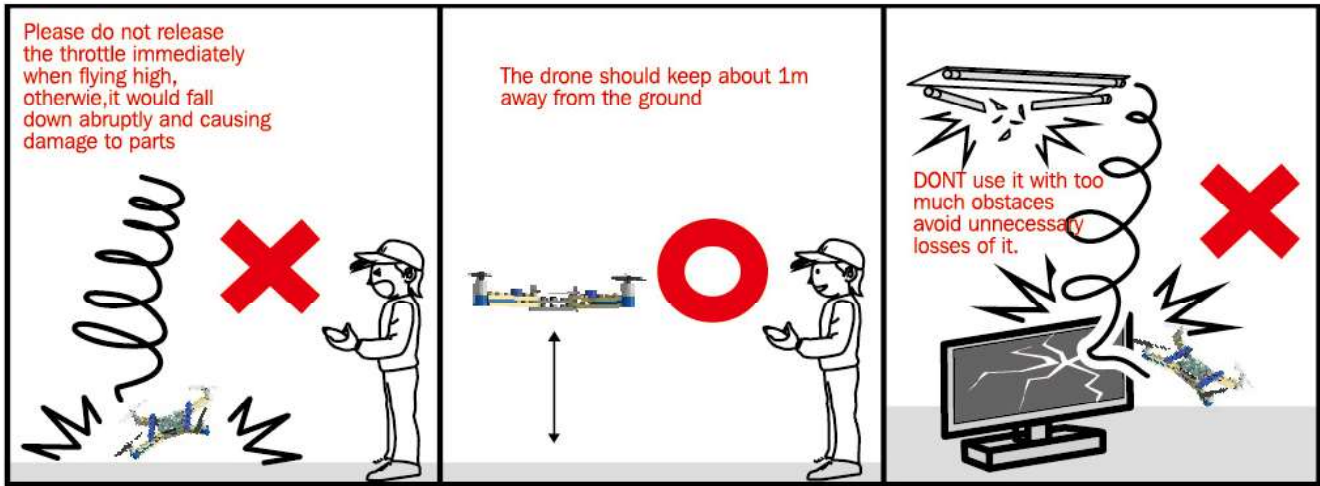
Low speed

High / Low speed mode is controlling the speed of flying forward / backward / leftward / rightward. The default setting is slow mode, when press 'H' button, the remote will sound "beep, beep", high speed mode will be selected. Press 'L' button, the remote will sound "beep", the drone will back to slow speed mode.

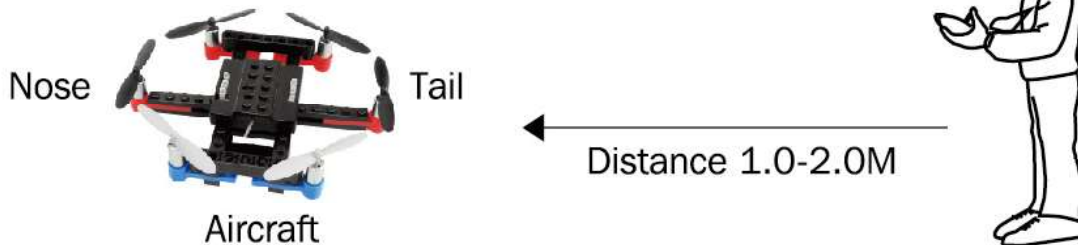
RESET OF THE AIRCRAFT

1. This function is reset the drone's gyro and the micro adjustment.
2. Before reset, the drone need to put on the flat.
(if the landing gear is out of shape, the reset function will be effect.) Push the stick as the picture shown, after 2 seconds, the remote will sound "beep", drone's light will blink fast for several times, it means reset completed.)
3. This function is available after drone adjusted and flying offset.





Make sure the actual distance between the tail of the aircraft and the operator is 1.0-2.0m

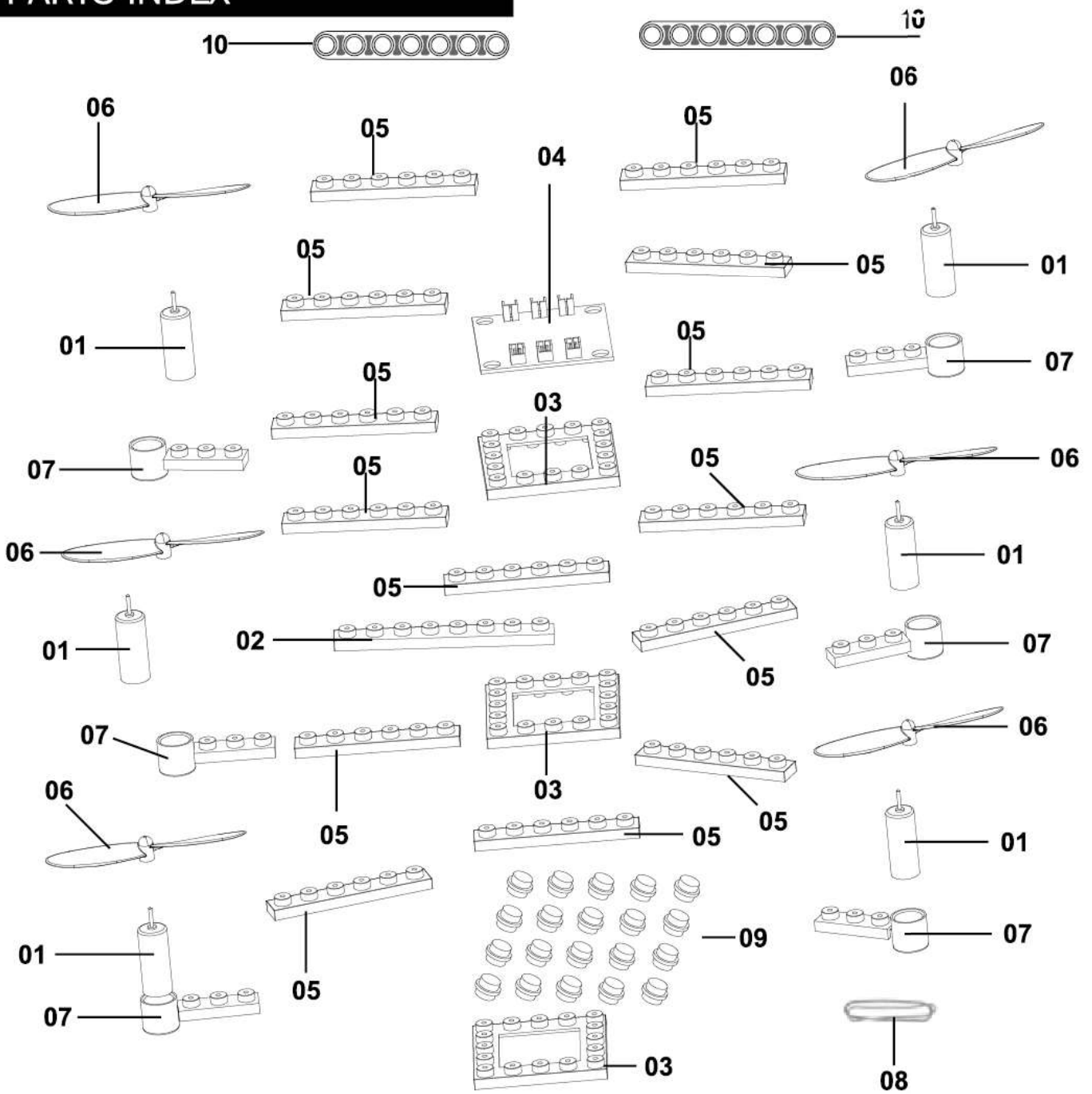


Lithium Battery Safety Instruction

Warning:

Misuse, heat, over-charging the lithium battery may cause risk of injury or damage to property. The user understands the risks and takes full responsibility and holds harmless the manufacturer, sales agent, retailer or any others for any accident by misuse or improper handling. Please carefully read the handling and charging instruction before using this product. Please store the battery far away from children or pets. Under 18 years old we recommend this product is used under adult supervision. Children under 14 years old should not operate without adult supervision.

PARTS INDEX



NO.	Product name	Qty.	NO.	Product name	Qty.
01	Motor	6	06	Blade	6
02	Building block with 8 holes	1	07	Motor base	6
03	Square building block	3	08	Rubber band	2
04	Receiver box	1	09	Building block with 1 hole	20
05	Building block with 6 holes	14			