

2.4G

6-Axis
GYRO

HD CAM

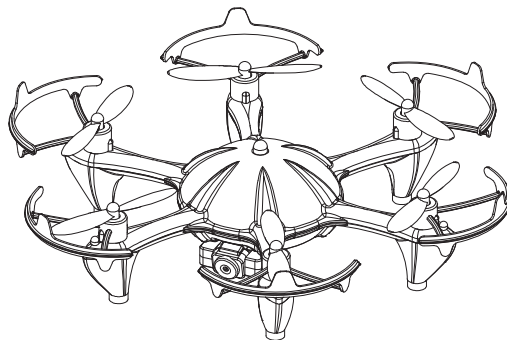
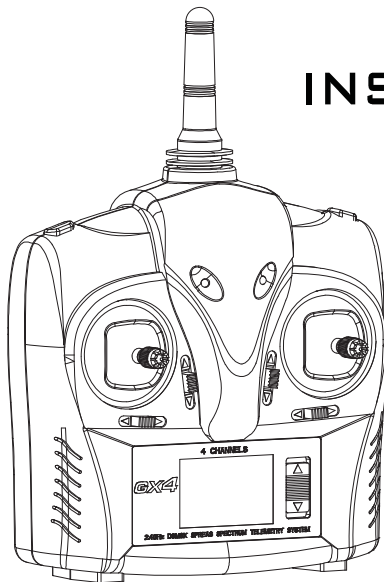
mini SD
4GB - 32GB

360°



ALIEN-X 6

INSTRUCTION MANUAL



ROA[®]
#1 BY DESIGN

INTRODUCTION

ALIEN-X 6

Thank you for buying **ROA HOBBY** products. The ALIEN-X6 is the latest technology in Rotary RC models. Please read this manual carefully before assembling and flying the New ALIEN-X6 helicopter. We recommend that you keep this manual for future reference regarding and maintenance.

WARNING LABEL LEGEND



WARNING

Mishandling due to failure to follow these instructions may result in damage or injury.



FORBIDDEN

Do not attempt under any circumstances



CAUTION

Mishandling due to failure to follow these instructions may result in danger.

SAFETY NOTES



CAUTION

Fly only in safe areas, away from other people. Do not operate R/C aircraft within the vicinity of homes or crowds of people. R/C aircraft are prone to accidents, failures, and crashes due to a variety of reasons including lack of maintenance, pilot error, and radio interference. Pilots are responsible for their actions and damage or injury occurring during the operation or as a result of R/C aircraft models. This is not a toy, not suitable for children under 14.



FORBIDDEN

LOCATE AN APPROPRIATE LOCATION

R/C helicopters fly at high speed, thus posing a certain degree of potential danger. Choose an appropriate legal flying field consisting of flat, smooth ground without obstacles.

Do not fly near buildings, high voltage cables, or trees to ensure the safety of yourself, others and your model.

For the first practice, please choose a legal flying field and can use a training skid to fly for reducing the damage. Do not fly your model in inclement weather, such as rain, wind, snow or darkness.



FORBIDDEN

PREVENT MOISTURE

R/C models are composed of many precision electrical components.

It is critical to keep the model and associated equipment away from moisture and other contaminants. The introduction or exposure to water or moisture in any form can cause the model to malfunction resulting in loss of use, or a crash. Do not operate or expose to rain or moisture.

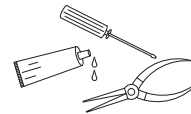


FORBIDDEN

PREVENT OPERATION

Please use the replacement of parts on the manual to ensure the safety of instructors.

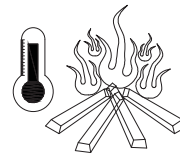
This product is for R/C model, so do not use for other purpose.



CAUTION

KEEP AWAY FROM HEAT

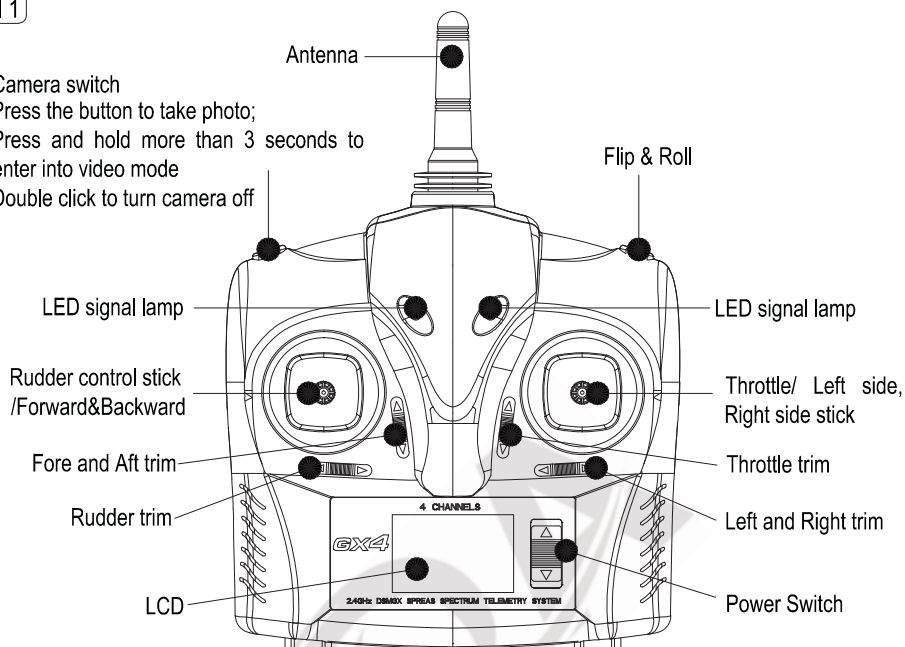
R/C models are made of various forms of plastic. Plastic is very susceptible to damage or deformation due to extreme heat and cold climate. Make sure not to store the model near any source of heat such as an oven, or heater. It is best to store the model indoors, in a climate-controlled, room temperature environment.



ROA®

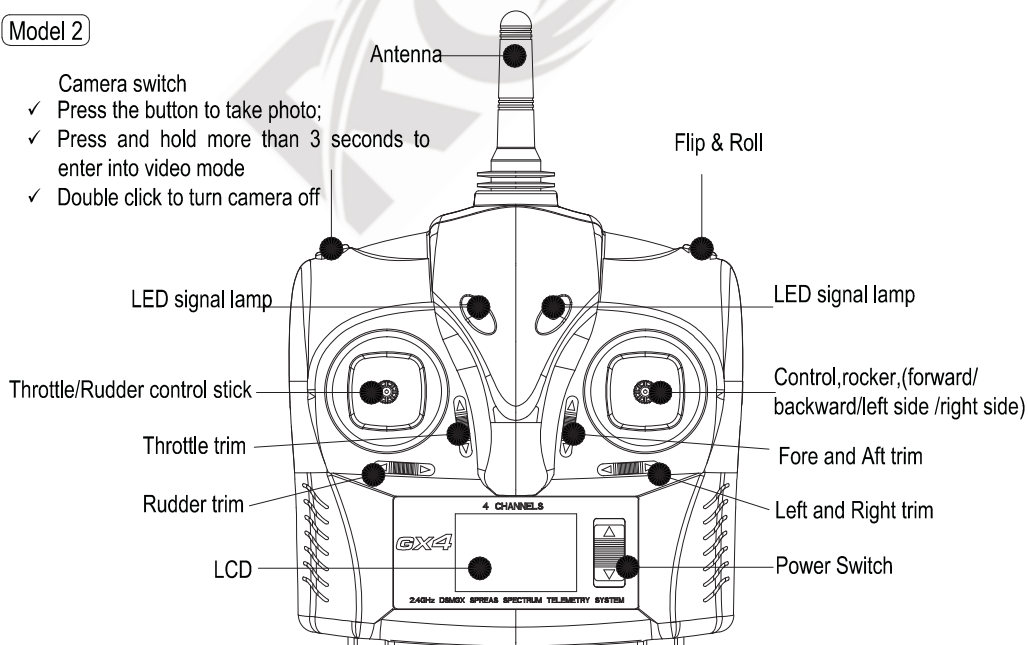
Model 1

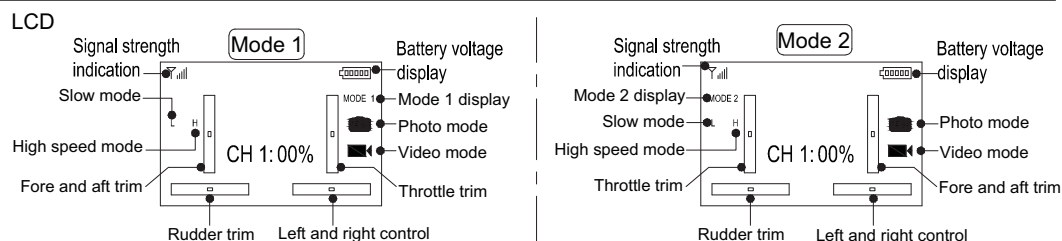
- Camera switch
- ✓ Press the button to take photo;
 - ✓ Press and hold more than 3 seconds to enter into video mode
 - ✓ Double click to turn camera off



Model 2

- Camera switch
- ✓ Press the button to take photo;
 - ✓ Press and hold more than 3 seconds to enter into video mode
 - ✓ Double click to turn camera off





NOTE:

Match code : connect the transmitter and X6.

Match code (Mode 2)

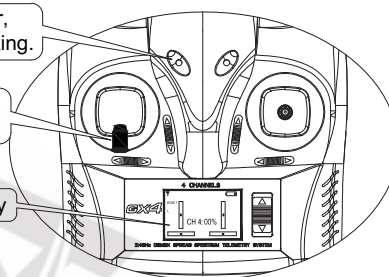
Step1: A. Set the throttle trim to the full down position

B. Turn the transmitter power switch on.

Power on the transmitter, the red LED will be blinking.

Make sure the throttle stick is in the full down position

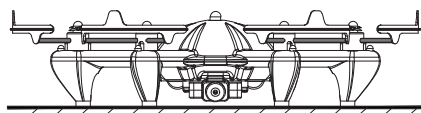
Match code display



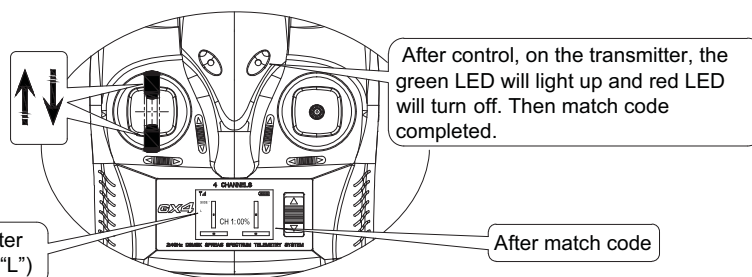
Step 2: Apply power on the X6 by connecting the battery plug with correct polarity. After electrify, please put the X6 on flat surfaces.

CAUTION After electrify, the red LED on the transmitter will turn off and green LED will be blinking. Also the 7 LEDs on the X6 will be blinking and have two "beep" from the transmitter. (Note: if you do not hear the two "beep" from the transmitter, it means the transmitter does not connect the X6, and you need start again from stage 1.

NOTE: After electrify, make sure X6 is put on the flat surface, as opposed to pillows or other soft surface. If not, it will cause the flight instability and in a systematic direction.



Stage 3: Firstly, push the throttle stick from full down position to up position (one "beep" means throttle stick is in the full up position), and then push the throttle stick back to the down position (one "beep" means the throttle stick is in the full down position). Pushes the throttle stick up and down repeatedly will make the transmitter identify the high and low position of throttle. It will make easy to control.

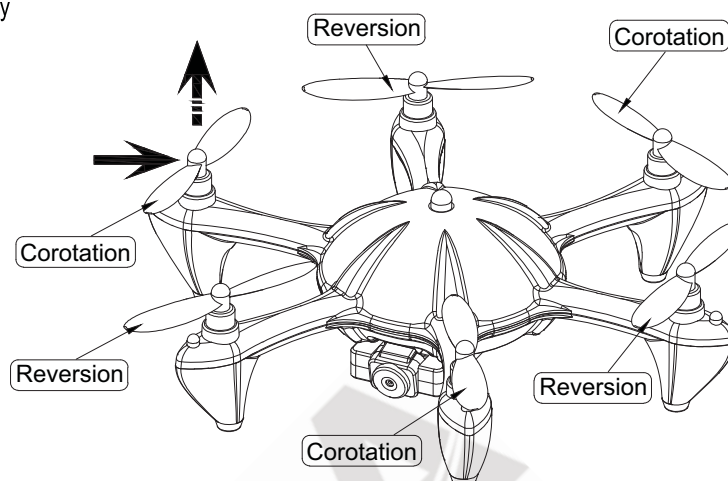
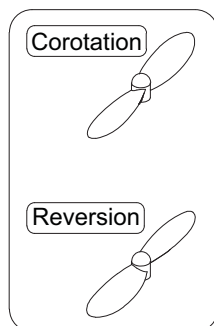


After match code, the transmitter system will set as slow mode ("L")

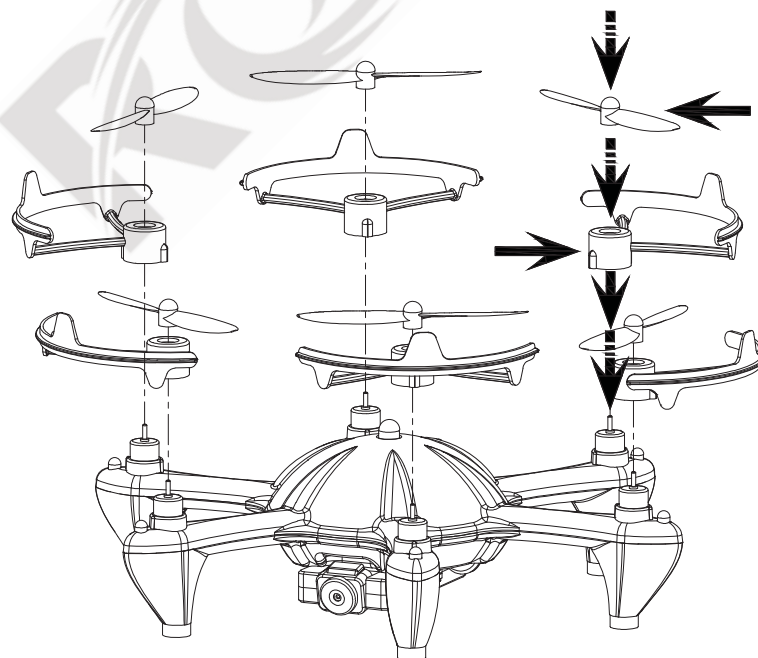
After match code

Complete the above steps, match code is finished. (The green LED on the transmitter and LED on the X6 will light up.)

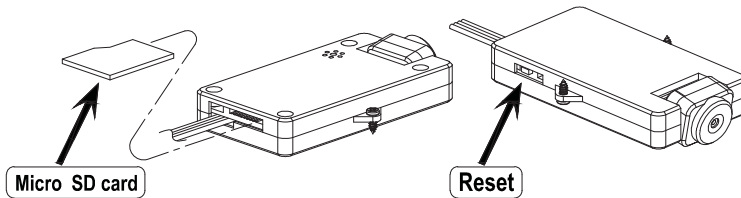
1 .Pull props upwards slowly



2. Position the cover's six holes with the motors. Press each of them on the motors, and then re-install the props in their correct positions on the X6.

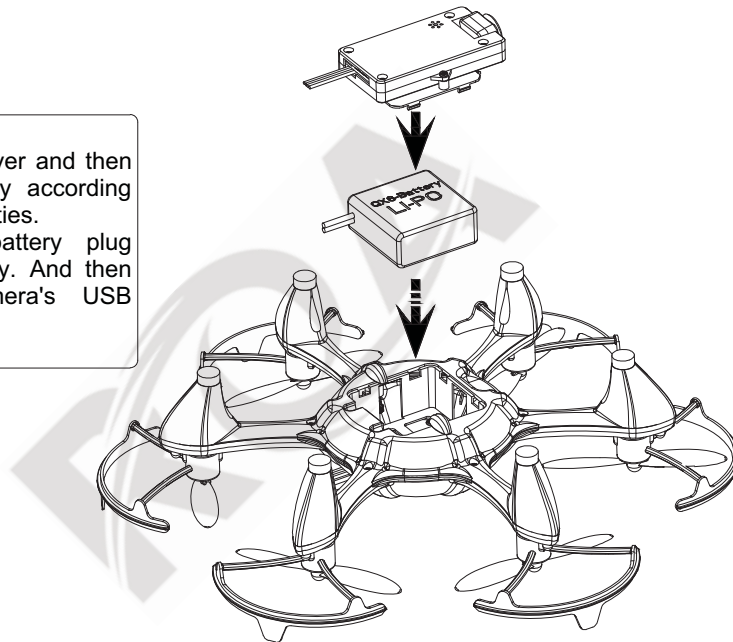


Camera Module
X6 have built in SD card slot. You can take photo or video anytime and anywhere. And also can copy the photos or video timely.

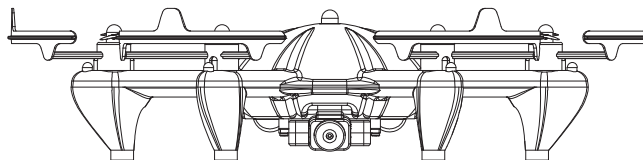


Battery Mounting:

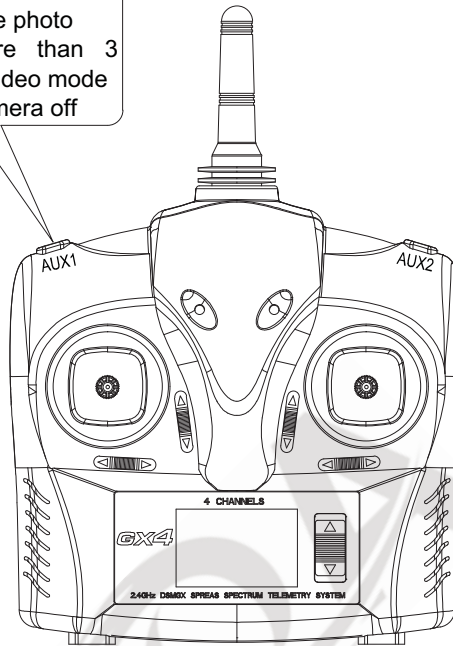
- A. Take out the cover and then install Li-Po battery according to the correct polarities.
- B. Connect the battery plug with correct polarity. And then connect the camera's USB cable with the RX.
- C. Return the cover.



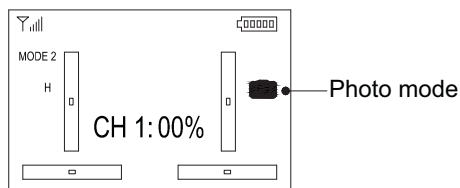
The side view after install



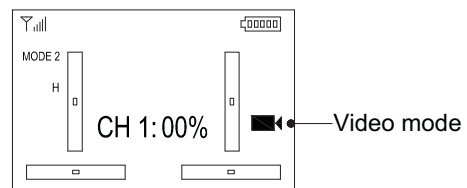
- Camera switch
- ✓ Press the button to take photo
 - ✓ Press and hold more than 3 seconds to enter into video mode
 - ✓ Double click to turn camera off

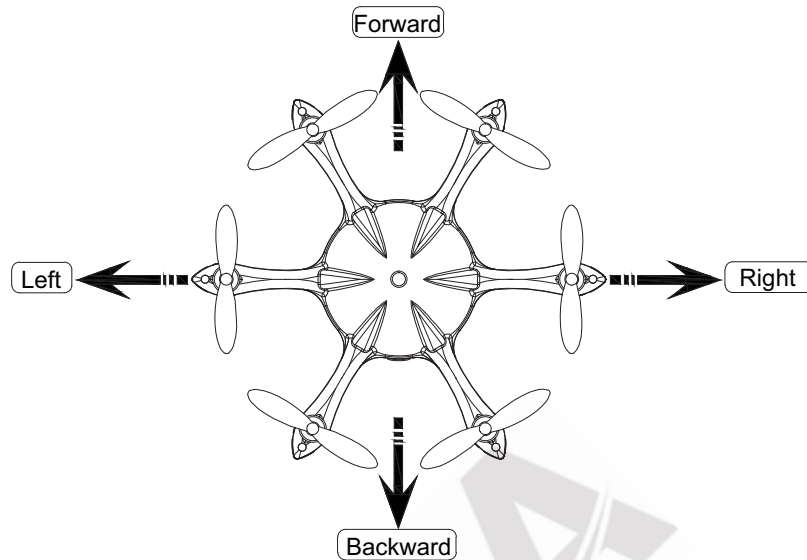


Click the “AUX1” button, transmitter has a “beep” and the camera icon appeared at LCD, it means take photo success. (Note: Press “AUX1” button once, the camera icon will appeared at LCD for one second.)



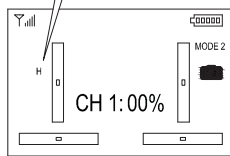
Press and hold the “AUX1” button more than 3 seconds, the transmitter has a “beep” and the video icon appeared at LCD. It means start shooting and video icon will always show on the LCD. If you want to turn the camera off, you need to double click the “AUX1” button, the transmitter will have two “beep” and video icon will disappear.



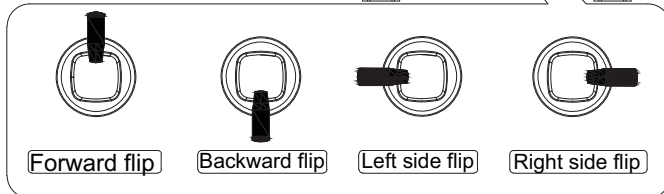


Mode 2:

In the "H" mode, X6 can do the forward flip, backward flip, left side flip, right side flip. But in the "L" mode, X6 only can do the 360° flip from one side.



"H" mode



Flip & Roll

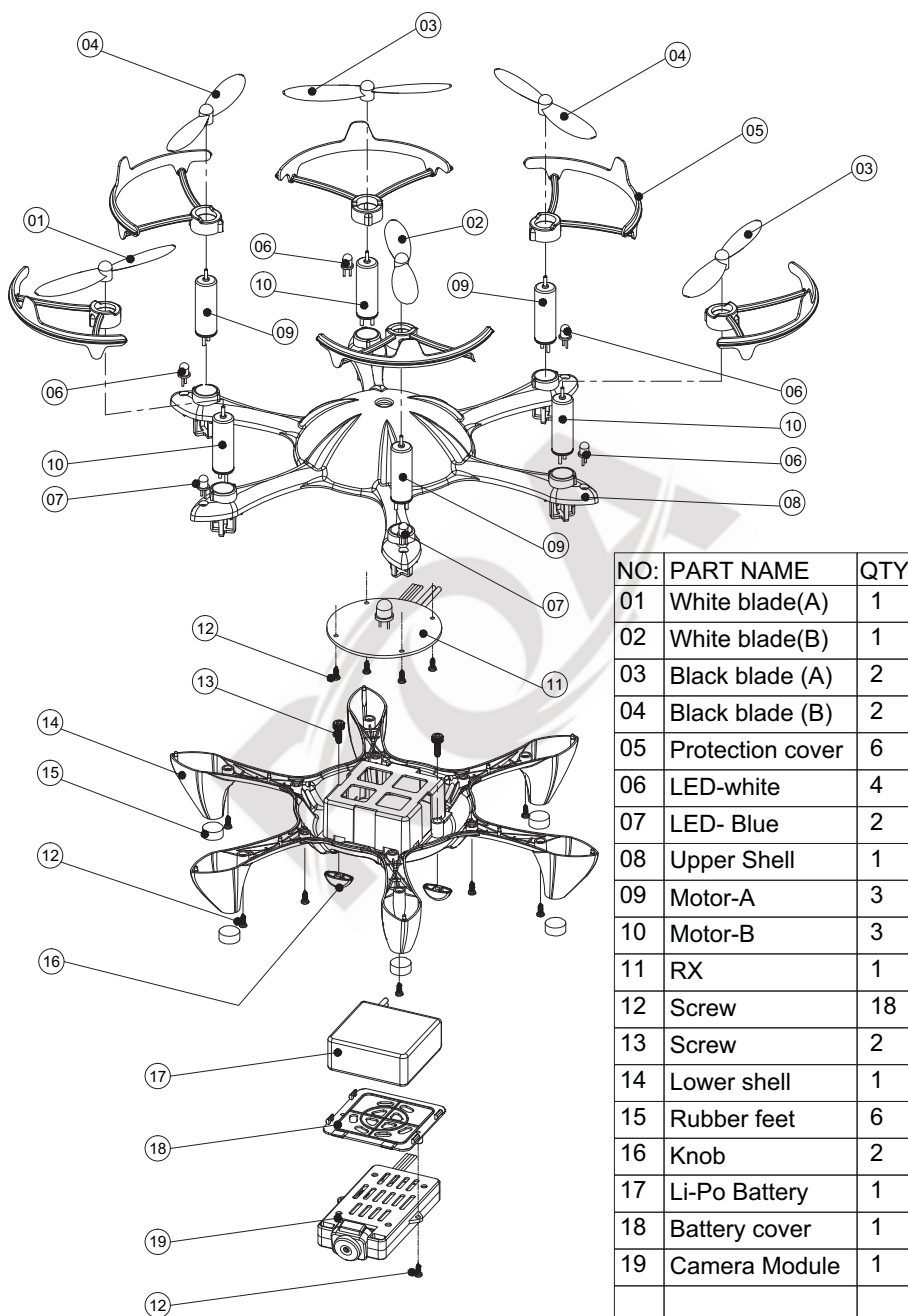


"L"

Press the "AUX2" button(click once will have one "beep"), the system will automatically do the backward flip, If want to do the 360° flip again, please repeat the previous step.

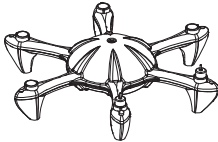
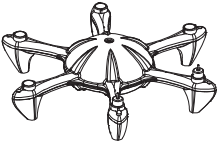
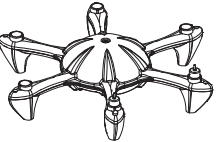
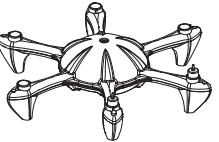



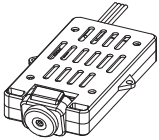
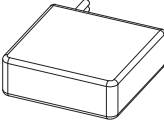
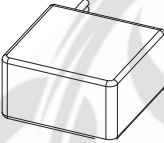


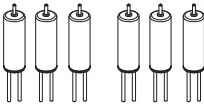
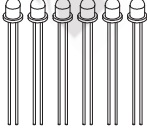
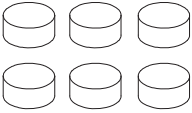
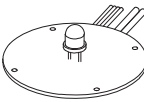


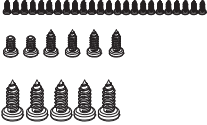
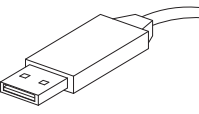
360° Flip Tips:"H"

Press and hold the "AUX2" button (click once will have one "beep"), at the same time control the "control rocker". Do the forward flip, just push the control rocker to the front and then release the "AUX2" button. ATTENTION: After the Aerial flip, need to release the "AUX2" button. If want to do the Aerial flip again, please repeat the previous step.



ALIEN-X6 Spare Parts Chart

ALIEN-X 6

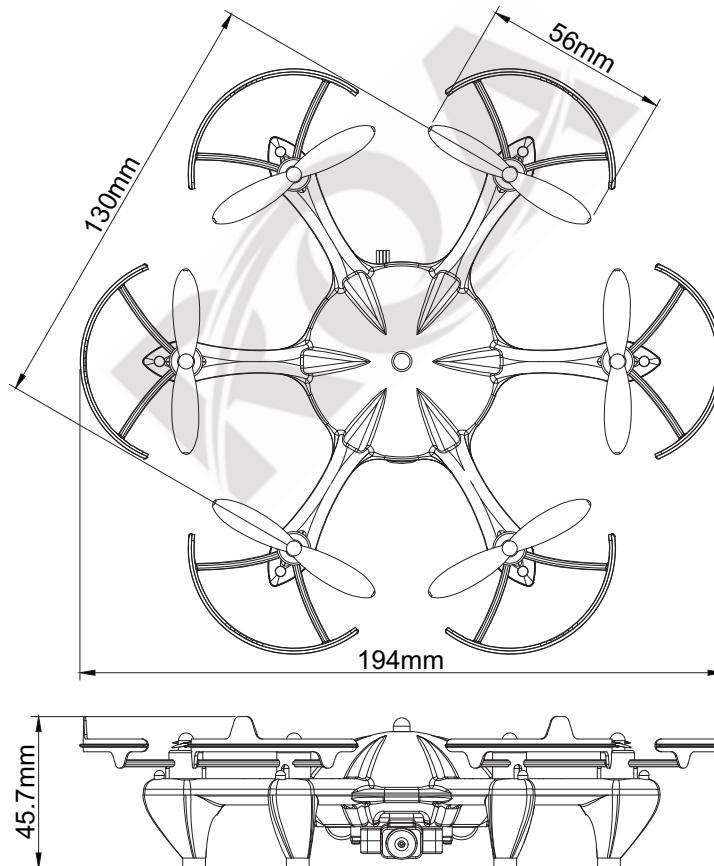
<p>Model: SYN13001 Package: Blister box Product name: Body Shell (Jewelry blue) including the battery cover</p> 	<p>Model: SYN13002 Package: Blister box Product name: Body Shell (Luxury gold) including the battery cover</p> 	<p>Model: SYN13003 Package: Blister box Product name: Body Shell (Ruby red) including the battery cover</p> 	<p>Model: SYN13004 Package: Blister box Product name: Body Shell (Golden yellow) including the battery cover</p> 
<p>Model: SYN13005 Package: Hang tag +PE bag Product name: Props (2white +4black)</p> 	<p>Model: SYN13006 Package: Hang tag +PE bag Product name: Props (2green +4black)</p> 	<p>Model: SYN13007 Package: Hang tag +PE bag Product name: Props (2white +2black+2 green)</p> 	<p>Model: SYN13008 Package: Hang tag +PE bag Product name: 2M pixels camera</p> 
<p>Model: SYN13009 Package: Hang tag +PE bag Product name: Li-Po Battery (3.7V 520mAh 25c)</p> 	<p>Model: SYN13010 Package: Hang tag +PE bag Product name: Li-Po Battery (3.7V 800mAh 25c)</p> 	<p>Model: SYN13011 Package: Hang tag +PE bag Product name: Protection covers (white)</p> 	<p>Model: SYN13012 Package: Hang tag +PE bag Product name: Protection covers (black)</p> 
<p>Model: SYN13013 Package: Hang tag +PE bag Product name: motor (forward *3 + reverse*3)</p> 	<p>Model: SYN13014 Package: Hang tag +PE bag Product name: LED light (Blue *2 + White*4)</p> 	<p>Model: SYN13015 Package: Hang tag +PE bag Product name: Rubber feet</p> 	<p>Model: SYN13016 Package: Blister box Product name: X6 RX</p> 
<p>Model: SYN13017 Package: Blister box Product name: GX4 transmitter (mode 1)</p> 	<p>Model: SYN13018 Package: Blister box Product name: GX4 transmitter (mode 2)</p> 	<p>Model: SYN13019 Package: Hang tag +PE bag Product name: Screw Set</p> 	<p>Model: SYN13020 Package: Hang tag +PE bag Product name: USB Charger</p> 

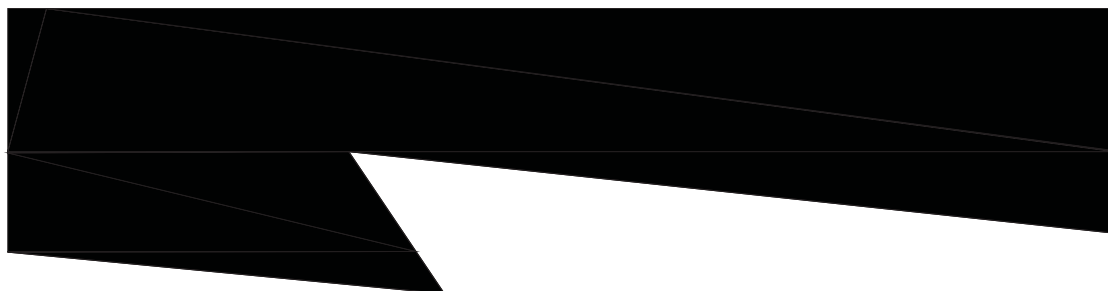
Parameter

- ✓ Product No.: SYN130
- ✓ Product Name: ALIEN X6
- ✓ Visual camera: 2M pixels
- ✓ Set remote control distance: 200 meters
- ✓ Body Battery: 3.7V 520mAh Li-Po BATTERY
- ✓ Flight time: 7-9 minutes
- ✓ Charging time: 65 minutes
- ✓ Plugs types: USB (Computer, IPad etc.)
- ✓ Remote control frequency: 2.4GHz
- ✓ Control channels: 4 channel
- ✓ Weight: 60g

Features

- ✓ 6-axis gyro flight control system
- ✓ With photo and video function
- ✓ Protection cover is removable
- ✓ Camera angle can be adjusted to -45° to 45°
- ✓ Do the 360° flip with one click .
- ✓ Up to 12 minutes flight time.





- ✓ This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - ✓ -- Reorient or relocate the receiving antenna.
 - ✓ -- Increase the separation between the equipment and receiver.
 - ✓ -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - ✓ -- Consult the dealer or an experienced radio/TV technician for help.
- ✓ Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



ROA HOBBY (HK) LIMITED
www.roahobby.com

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