



INSTRUCTION MANUAL

IMPLEMENT STANDARD: GB/T26701-2011

- ### Main characteristics
- Four-axis structure is applied which makes the quadcopter more flexible and rapid when flying. It has characteristics of wind-resistant and can be used indoors or outdoors.
 - Built-in 6-axis gyroscope for precise hovering in the sky.
 - Modular design structure is applied, more simple for assembly and convenient for maintenance.
 - With 360° 3D eversion function and throwing flight function.
 - Newly-increased headless function can recall the aircraft easily.
- The materials and specification mentioned in this instruction manual or the parts inside this package is for reference only. Our company won't be responsible for any adaptation of the outer package. Nor shall we keep our customers informed in advance. Any information updates or changes please be subject to our website.

Install camera

Installation steps of camera:

Disassembly steps of camera:

Controller modes & instructions

The transmitter built-in two modes, Mode 1 & Mode 2. In line with different customer's usage pattern. Keep pushing button 8 to right, then turn on the transmitter power to change Mode 1 or Mode 2.

MODE 1 Operating direction

Hover up and down

Push the throttle up or down, the quadcopter flies upward or downward.

Forward and backward

Push the direction lever up or down, the quadcopter flies forward or backward.

5. Photography/video instructions:

- Methods: ① Make sure the 3-pin plug of camera is inserted to the quadcopter. ② Turn the quadcopter power on, the camera works normally when the RED indicator change from flashing to green and keep light on. If the RED indicator just light on and light off seconds later, it means the SD card is not in the camera. Please insert the SD card, then the indicator light on GREEN.
- Get to know take photo and video: ① Turn on the transmitter and pull left lever up and down to connect signal between quadcopter and transmitter.
- Throwing flight instructions: Thanks to the 6-axis gyroscope, you can throw the quadcopter and push the throttle right up, it will automatically level out and hover smoothly in the sky. This can also be done when the quadcopter is rolling.
- Headless function:
 - Forward definition:
 - Turn on power switch of remote control.
 - After aircraft connects with power supply, place the switch in "ON" position, adjust the direction pointed by aircraft's handpiece and regard it as the dead ahead in headless situation.
 - Push the accelerator's push rod of remote control to the highest point and pull back to the lowest point. When remote control pops, it indicates that frequency modulation and forward definition have already finished.

Parts	Description	Quantity	Parts	Description	Quantity	Parts	Description	Quantity
01	Upper body	1	08	Receiver motor	2	15	Landing skids	4
02	Lower body	1	09	Receiver board	1			
03	Rotating blade	2	10	Lampshades	4			
04	Reversing blade	2	11	Light boards	4			
05	Protecting frames	4	12	Battery	1			
06	Battery cover	4	13	Gear	4			
07	Rotating motor	2	14	Camera	1			

MAIN PARAMETER

Body length: 31.5cm Main motor code: 98
 Body width: 31.5cm Battery: 3.7V 500mAh Li-poly
 Body height: 10.5cm

- ### Safety regulations
- Please put smaller parts of the aircraft in the place where children can't reach, avoiding from accidents.
 - Power of this aircraft is adequate. Therefore, when flying for the first time, it should push remote control's right/left variable-speed joystick slowly, avoiding from collisions caused by rising aircraft rapidly.
 - After flying, it should turn off remote control's power supply and come close to the aircraft to turn off its power supply.
 - Please don't put battery in high-temperature and heated places (such as fire or nearby electric heating devices).
 - When the aircraft flies, it should maintain 2-3 meters from the user or others, avoiding from crashing into others' head, face or body when it lands.
 - When children operate the aircraft, they should be accompanied with the adult and guided by the adult. Ensure that the aircraft is controlled within the range of operator's (or instructor's) visibility. It is convenient for controlling.
 - Non-rechargeable battery can't charge. As installing or changing battery, please pay attention to the polarity. Don't use a mixture of old and new battery or battery with different types.
 - When it isn't used, it should turn off remote power supply of remote control and aircraft, respectively, and take out the battery in remote control.
 - Power supply terminal can't be short circuit.

- ### Maintenance
- Use clean soft cloth to clean this product frequently.
 - Avoid from exposure or heating in the sun.
 - Don't put the toy in the water. Otherwise, it'll damage electronic parts.
 - Please check the plug and other accessories at regular intervals. If there is any damage, please stop using it immediately until it is repaired completely.

Contents

Product included following contents:

- Quadcopter
- Four riggers
- 2.4G Remote controller
- Four foot stands
- USB charging wire
- Instruction manual
- Screwdriver
- Blade(2 pieces)
- Camera(X5SC)
- Reader

Fine-tuning operation

Turn Left and Right

Pull the throttle left or right, the quadcopter turns to left or right.

Sideward fly

Pull the direction lever right or left, the quadcopter flies to left side or right side.

Forward fine-tuning

When the quadcopter keeps flying forward/backward, you can correct it by pressing the Fine-tuning button down/up.

Leftward fine-tuning

When the quadcopter keeps flying to left/right side, you can correct it by pressing the Fine-tuning button right/left.

Rightward fine-tuning

When the quadcopter keeps rotating to left/right, you can correct it by pressing the Fine-tuning button right/left.

MODE 2 Operating direction

Hover up and down

Push the throttle up or down, the quadcopter flies upward or downward.

Forward and backward

Push the direction lever up or down, the quadcopter flies forward or backward.

2. Switch to headless function and general function

- After frequency modulation, the aircraft defaults to general pattern. The indicator light on aircraft is long bright state. After pressing down headless function switch on the top left of master remote controller for 2 seconds, remote control will give out "DOD...". It means that it enters into headless state. After pressing for 2 seconds and hearing long "D", it means that it exits headless state. (In headless mode, four indicators on the aircraft flicker slowly for once within four seconds)
- In headless state, the operator has no need to recognize the position of aircraft's headpiece, and he just needs to control the aircraft in accordance with the direction of remote control's operating rod.
- Correcting forward direction:
 - After aircraft crashes in headless state, if there is deviation in head direction, it just needs to adjust the aircraft's direction again, pull remote control's accelerator and operating rod to bottom left simultaneously. When indicator light on the aircraft flickers for slow three seconds, it means that correction is done.

Change battery of quadcopter

- Push the on/off switch of quadcopter to OFF position then open the battery cover.
- Pull out the battery wire from the power port.

Get to know your transmitter

Introduction of transmitter:

Installation methods of battery: Open back battery cover of remote control, and put 4 No.5 alkaline batteries in the middle place correctly, according to battery box's pole indication (battery should be available separately).

1. Install batteries with correct polarity.
2. Do not mix old and new batteries.
3. Do not mix different types of batteries.

Remote control keypad and lcd manual

Fine-tuning operation

Turn Left and Right

Pull the direction lever left or right, the quadcopter turns to left or right.

Sideward fly

Pull the throttle left or right, the quadcopter flies to left side or right side.

Forward fine-tuning

When the quadcopter keeps flying forward/backward, you can correct it by pressing the Fine-tuning button down/up.

Leftward fine-tuning

When the quadcopter keeps flying to left/right side, you can correct it by pressing the Fine-tuning button right/left.

Rightward fine-tuning

When the quadcopter keeps rotating to left/right, you can correct it by pressing the Fine-tuning button right/left.

Ready to fly your quadcopter

- Press the ON/OFF power switch up.
- Open battery cover, and connect battery connector with dash receiver.
- Enclose battery into the fuselage, after closing battery cover, turn on the switch on the bottom of aircraft.

X5S Spare parts

Here are alternative accessories. In order to provide convenience for customer purchasing, every component are marked. Accessories can be purchased from local dealer. Please specify the color when purchasing.

X5S-01A Fuselage-white	X5S-01B Fuselage-black	X5S-02A Blade-white	X5S-02B Blade-black	X5S-03A Landing skids-White	X5S-03B Landing skids-Black
X5S-04 Protecting frames	X5S-05 Lampshades	X5S-06 Motor A	X5S-07 Motor B	X5S-08 Light boards	X5S-09 Receiver board
X5S-10 Battery	X5S-11 USB	X5S-12 Transmitter			

X5SC Spare parts

Here are alternative accessories. In order to provide convenience for customer purchasing, every component are marked. Accessories can be purchased from local dealer. Please specify the color when purchasing.

X5SC-01A Fuselage-white	X5SC-01B Fuselage-black	X5SC-02A Blade-white	X5SC-02B Blade-black	X5SC-03A Landing skids-White	X5SC-03B Landing skids-Black
X5SC-04 Protecting frames	X5SC-05 Lampshades	X5SC-06 Motor A	X5SC-07 Motor B	X5SC-08 Light boards	X5SC-09 Receiver board

- Sideward Fine-tuning: Power-on start in the centering. (Be turn Left/Right Fine-tuning in Mode2)
- Forward/Backward Fine-tuning: Power-on start in the middle.
- Turn Left/Right Fine-tuning: Power-on start in centering. (Be Sideward Fly Fine-tuning in Mode2)
- Forward shows Power-on start in the lowest level. (At the center square)
- Backward shows Power-on start in the lowest level. (At the center square)
- Right sideward fly shows Power-on start in the lowest level. (At the center square)
- Left sideward fly shows Power-on start in the lowest level. (At the center square)
- Turn left: Pull left function lever to left, it will be higher, than quad copter turn left faster.
- Turn right: Pull left function lever to right, it will be higher, than quad copter turn right faster.
- High/Low speed: Press button "A" for seconds to switch between high speed mode or low speed mode. "H" means high speed and "L" means low speed.
- Power shows: According to the battery's energy for the controller.
- Default mode when power-on: When change to MODE 2, please keep pressing button "B" to right then return on the power of transmitter, the MODE on LCD display will be changed. Same steps to change to MODE 1 again.
- Signal shows: Normally to full frame.

Install landing skids & bidiae protecting frame

Function introduction

- Low-voltage protection:** When four indicator lights on the bottom of aircraft start to flicker, it means electric quantity of the aircraft is insufficient. Please control the aircraft to make a return voyage.
- Over-current protection:** In the condition of rotating aircraft's fan blade, when being crashed or stuck, aircraft's circuit will conduct over-current protection.
- Horizontal correcting function:** Place the quadcopter on a horizontal position, then push transmitter, both left and right lever to lowest right corner for about 2-3 second, indicator on the quadcopter changed from normal lights up to quickly flashing. After 2-3 second, the indicator changed to normal lights, it means the quadcopter restarted reset successfully.
- 3D eversion:** When you are familiar with the basic operation, you can do some awesome& exciting tricks and stunts! First of all, fly the aircraft to a height of more than 3 meters, press the 3D Eversion switch on the rear right side of the transmitter, then push the right roller (in any direction) to make 360 degree flip.
 Tips: 3D eversion goes better when battery power is enough.

3D Eversion

Brekdown&Diagram