



AGES UP  
14+

6-Axis Gyro Remote Control Series



**X7/X7B**

4 Channel RC Stunt Quad Copter

**2.4GHZ**



## OPERATING MANUAL

### MAIN CHARACTER

- Using specially-made plastic fuselage, good toughness, high shock resistance, stable flight, suited to play on indoor or outdoor.
- Built in 6-axis gyro stabilizer, to ensure precise localization in the air.
- Using modular structure, easy to install and maintain.
- Disassembly structure, various functionality. It can rotate and aerial shafts.

The material specification, component packing inside of the manual are for your information. Our company is not be responsible for foreign body of the print. And we are not taking the initiative to inform consumers of any updates or changes.

## Safety cautions

### 1 Important announcement

(1) The product is not a toy, but it's a sophisticated equipment integrates the expertise of mechanics, electronics, aeromechanics, high frequency transmitter, etc. It should be assemble and debug exactly to avoid the accidents. The owner of this product should operate it in safety way. If operate improperly, it may cause serious bodily injury and property damage. We do not assume responsibility, because we could not control the process of their assembling, using and operating.

(2) The product apply to the crowd have experience of operating model and above the age of 14.

(3) The place for flight should be legal of location to handle remote control model.

(4) Product once sold, we are not responsible for safety duty cause by operation, using, handling, etc.

(5) If you have questions of using, operating or maintaining, please contact to local authorized dealer, they will provide technical assistance and service.

### 2 Safety Caution

RC quad copter model is a high-risk of goods, you must be sure to keep away from crowd when in flight. Artificial assemble improper or body damaged, poor electronic equipment, and unfamiliar operation, it possible to cause unpredictable accident of quad copter damaged or personal injury, etc. Please pay attention to safety, and take responsibility of your negligence.

(1) Keep away from barrier and crowd

It has uncertain flight speed and state when the RC quad copter is flying. When in flight, please keep away from crowd, high building, high-tension wire. At the same time, avoid to flight in the storm and thunder. To make sure the safety of pilot, crowd and property.

(2) Keep away from humid conditions

The quad copter is consist of many precision electronic components and mechanical parts, so it must prevent moisture into the quad copter body. In case of an accident cause by malfunction of the body or electronic components.

(3) Safety operate

According your status and flight skill to control the quad copter. Fatigue, mental poor or improper operation, will increase the probability of an accident risk. When you tired and out of sorts or improper handling, it will increase the risk of accidents.

(4) Keep away from high-speed rotary parts

When the propeller at high speed rotating, the pilot, crowd or other object should keep away from the rotating part for fear of causing the risk and damage.

(5) Keep away from heat

The RC quad copter is be made up of metal, fiber, plastic and electronic components. Therefore, it should be keep away from heat and keep off the sun, avoid the heat set off deformation of the shape even damage.

### 3: Preflight notice

(1) Flying environment should be an open space. The recommendation of the space is more than 8M(width) x 8M(length) x 5M(high)

(2) Make sure the power state of batteries for transmitter and receiver is full,

(3) To ensure the throttle stick and throttle trim of the transmitter is on the lowest position.

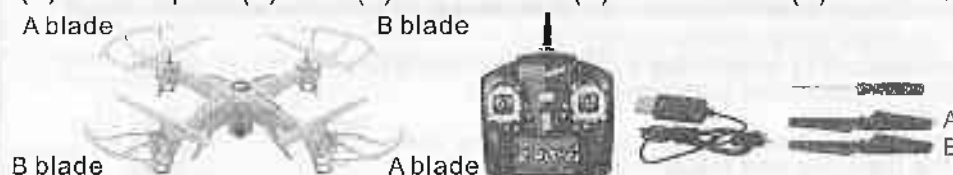
(4) In starting up, you must be comply with order of power on and off. When starting up, you should be open the power of transmitter first, then open the power the quad copter. When power off, you should be cut off the power of the quadcopter, then turn down the transmitter. Incorrect order of power on and off may cause the quad copter out of control, and affect the safety of others. Please make a habit for correct turn on or shut off.

(5) To confirm the junctions of the battery and motor or other components are tight. The shock in flying will make the junction of power loose, then cause t he quad copter out of control.

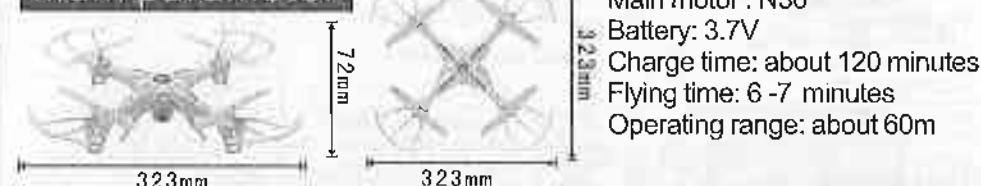
## Packing instruction

All items below are included in packing:

(1) Quad copter (2) USB (3) Transmitter (4) Screwdriver (5) Main blade



## Main parameter



## Procedure for install landing gear

Install the landing gear to the main part as Fig.1 show you.



Fig 1

## Method for changing and charging battery of quad copter



1 Withhold and push back the battery cover.



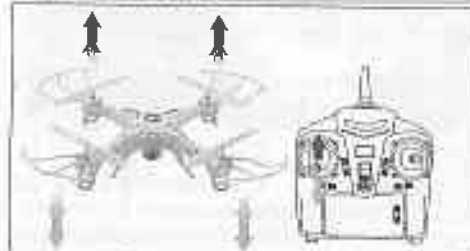
2 Look for direction of the battery and install into right place.



3 Buckle the battery cover to push forward.

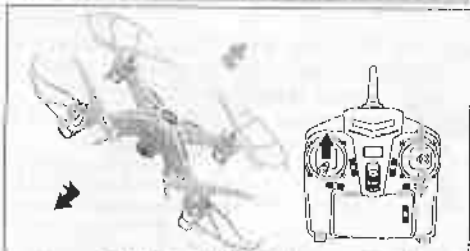
## Operating direction

### Up/Down control



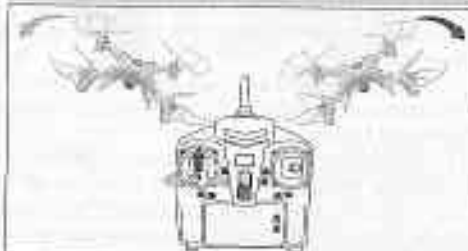
when the left joystick(throttle stick) is pushed up or down, the rotor will speed up or slow down, the quad copter will ascend or descend.

### Forward/Backward control



when the left stick(throttle stick) is pushed up, at the same time push the right joystick up or down, the quad copter will forward or backward.

### Ascent/Descend control



when the left joystick(throttle stick) is pushed up, at the same time push it to left or right, the quad copter will turn left or right.

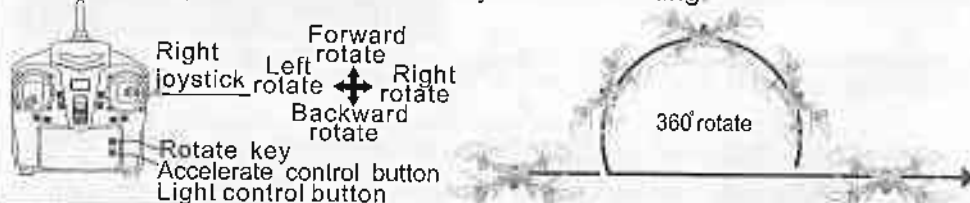
### Left or Right side flight control



when the left stick(throttle stick) is pushed up, at the same time push the right joystick to left or right, the quad copter will slight to left or right.

## 3D rotate operation

when the quad copter flying, press rotate key, it have the didi sound. Push right joystick, the quad copter will rotate around(forward/backward/turn left/turn. right). Press Accelerator Key will exit rotating.



## Tossing action instructions

Aircraft using six-axis gyroscope, play ability stronger. The aircraft throw out or turned upward while pushing the operating lever, the aircraft can be smooth blanket the sky. (Tossing function works only for the quad copter after start, and stop operating)



## The way to install the camera and aerial photo of X7B

1. Lock the camera onto the battery cover of the quad copter. Fig.1
2. Tighten the screw by screwdriver. Fig.2
3. Open the battery cover of quad copter, then insert the plug into the main body. Fig.3
4. Button on the battery cover. Fig.4
5. Turn on the power of the quad copter, the blue light of the camera is always on and red light is out. It show that the camera is in normal working state. When the blue light is always on and the red light is flash, it meant that the SD card does not access.
6. Photograph: When the camera is in normal working state, press the photograph key, "Di" is heard and the red light of the camera is flashed, it meant the photograph is completed.
7. Video: When the camera is in normal operating state, press the video key, "Di" is heard and the red light is always on, it is videotaping. When you press the key again, "Di" is heard and the red light is out, it is finished.



Fig.1



Fig.2



Fig.3



Fig.4

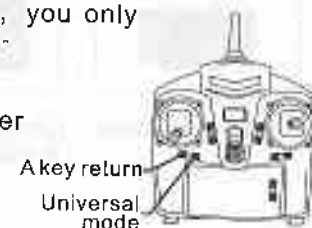
## Universal mode and a key return

### 1. Universal mode

Put the copter in the front, the quad copter mathes the code and takes off, in this time, press the universal mode key, quad copter will be issued Di's voice, remote control will be issued Didi's voice, and enter the universal mode, if you want to exit the universal mode, you only need to click the universal mode key and exit.

### 2.A key return

When the quad copter in universal mode, you can press "a key return" key, the quad copter automatically return soon to the take-off point, push in either direction of right operating lever, a key return function stop (a key return function is only available in universal mode).



## Troubleshooting guide

Problem	Cause	Solution
The indicator of transmitter doesn't works	Install the batteries but doesn't follow the right polarity.	Check and make sure that the batteries are installed by the right polarity
	Batteries are drained.	Install new batteries.
No control	Transmitter's antenna is not screwed in place and/or is not fully extended.	Ensure that the antenna is screwed into the controller and fully extended.
	You play the helicopter in strong wind weather.	Do not fly in strong winds. For it will limit or disturb your flying control.
Copter is not flying high enough	Rotor speed is too slow.	Pushing up the left stick(throttle stick).
	Copter is not fully charged.	Fully charge your Copter.

## Troubleshooting guide



X7-01  
Main cover parts



X7-02  
Bottom cover parts



X7-03  
Motor seat cover



X7-04  
Blade cover



X7-05  
Landing gear



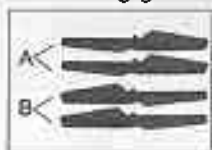
X7-06  
3.7V battery



X7-07  
USB charger



X7-08  
light component



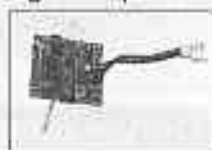
X7-09  
A blade B blade



X7-10  
Positive motor parts



X7-11  
Negative motor parts



X7-12  
Receiver board



X7-13  
Motor seat cover



X7-14  
Camera parts S001  
(Additional purchase)



X7-15  
Transmitter