14+ AGES

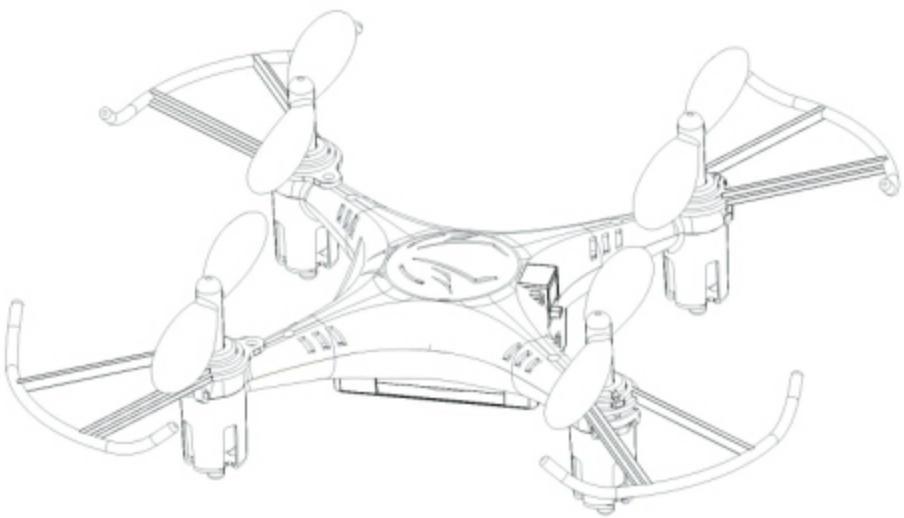
X7 GYRO

4 CH REMOTE CONTROL QUADCOPTER

2.4GHZ

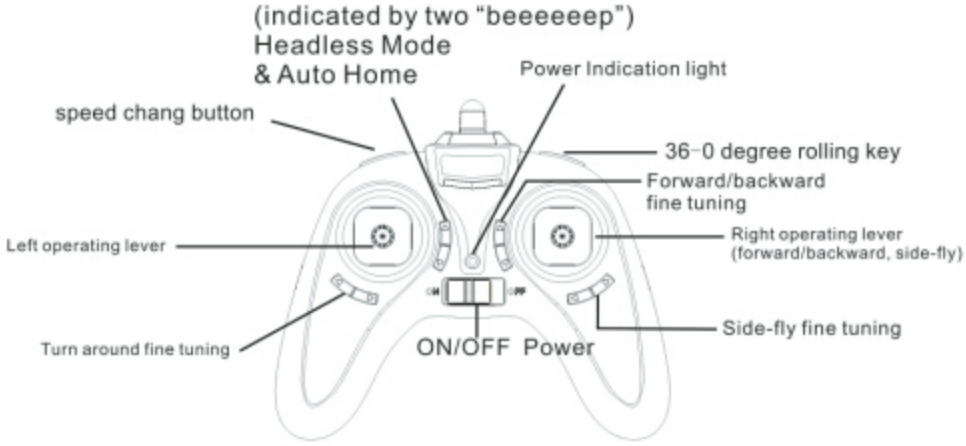
Quadcopter with built in six-axis gyro

Instruction for use



The knowledge and safety notes below are useful for you in the remote control world.Please read this manual carefully before operating this product and keep it for further reference.

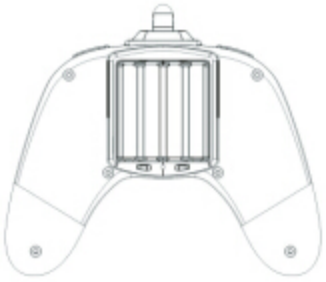
Parts name



Notes: The throttle accelerate trimmer can divided into 3 leavels like 25%, 50% and 100% by the control of the trimmer.The urser could select any one of the levels according to familarity of operationThe origin speed rate is 25% when turn on the powerThere are two methods to distinguish the accelerate rate, one is by LED indicator, and the other method is by listening to the indication voiceWhen distinguish by LED light, when the LED light is "Red', the status is 25%, when the LED light turns to "Yellow", the status is 50%, when the LED light turns into "Green", the status is 100%When distinguish the accelerate rate by voice, its "didi" with 50%, and "dididi" with 100%, and "di" returns to its origin 25%

Assembled remote controller

Open the battery cover on the back of remote controller. Insert four #7 alkaline batteries in accordance with the instructions on battery box. (Battery should be purchased separately, old and new or different types of batteries shouldn't be mixed.)

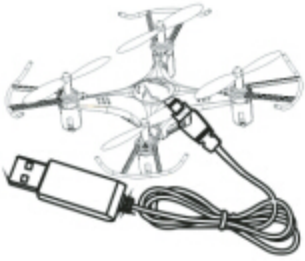


Battery cover

7 Alkaline batteries

Instructions on the quadcopter's battery charging

Connect USB charging line provided by factory with one end to computer and the other to the battery to start charging.
The USB's light is off while charging and turns on while charging completed .
The charging time is about 45 minutes.(picture one)



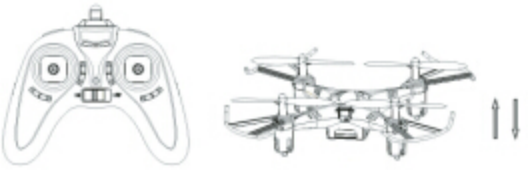
Preparation before taking off

1. Please operate in spacious indoor or outdoor without rain or snow, and wind power should be below 4 grade, be away from people, animals and obstacle.
2. Insert the Li-po battery provided by factory into quadcopter, the indication light of the quadcopter is flashing, then put the quadcopter on leveled place and wait for frequency adjustment.
3. Pull the acceleration lever to the lowest, turn on the remote control's switchover, push the acceleration lever to the highest, then pull it back to the lowest again. There will be a "di" sound and the quadcopter indication light turns on, then the frequency adjustment is completed and it's ready for taking off.

Flying controlled and fine tuning

Ascend /descend	When the left operating lever push up or pull down, the quadcopter is ascending or descending.	
Turning	When the left operating lever push left or right, the quadcopter turns left or right.	
Forward /backward	When the right operating lever push up/down, the quadcopter goes forth/back.	
Side Fly	When the right operating lever push left or right,the quadcopter goes to the left or right.	
Turning fine tuning	When the quadcopter is hovering and the head of the quadcopter turns left or right, turn the fine tuning to the right or left until the quadcopter keeps balance.	
Side-fly fine tuning	When the quadcopter is hovering, and the quadcopter is deviate to left or right,then turn the side-fly fine tuning to right or left until the quadcopter keeps balance	
Forward backward fine tuning	When the quadcopter is hovering and the quadcopter is deviate to forward or backward, turn the forward/backward fine tuning up or down until it keeps balance.	

Flying practice

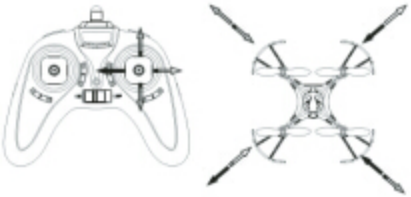


1.Accelerating operation :

Slowly push the acceleration lever until the quadcopter take off from the ground and hovers in the air, then pull the acceleration lever back until the quadcopter slowly descends. Practice this repeatedly until you could control the acceleration lever smoothly.

2.Vice-blade operation:

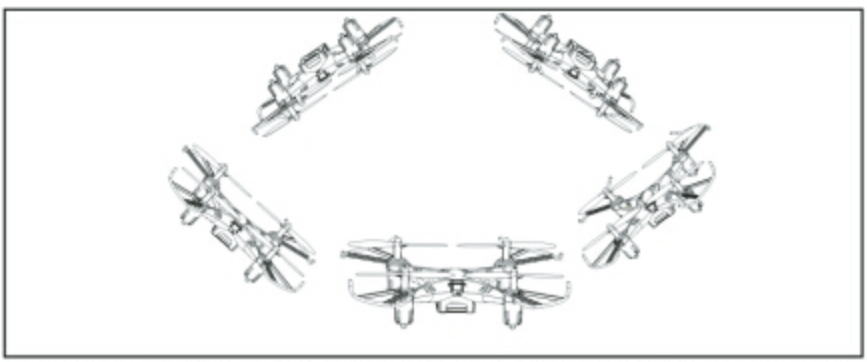
When the quadcopter hovers in the air, push the right lever slowly to make the quadcopter fly forward/backward/to left/to right.



3.Turning operation:

When the quadcopter hovers in the air,push the turning rudder slowly to make the quadcopter turns left or right.

4.3D action operation



After you are familiar with the operations above,you could try some advanced operations. Press the 3D mode key, the remote control would produce a sound like “di” and the power indication light would flash quickly for indication. After ascending the quadcopter to 2 meters above, pull the right operating lever to the bottom at any direction and then release it, the quadcopter could roll over. To stop playing, you can just repress the 3D mode to quit.

Warm tips:

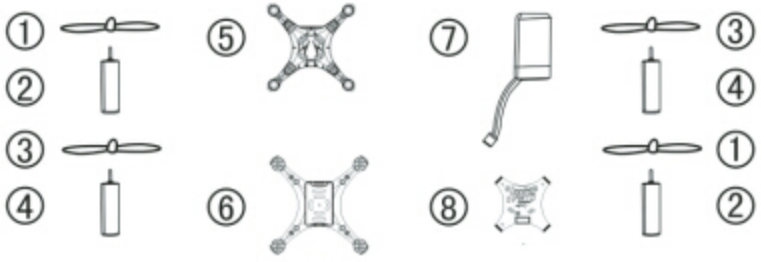
1.To minimize the injure which may be caused in playing,we have provided the protection cover and anti-crash accessories. The user could choose to install these accessories in accordance with their operational familiarity.

2.In case that the quadcopter might descend on a further or insecure zone due to the insufficient battery power when flying outsides, the quadcopter is specially designed with the function of secure warning. When the battery power is insufficient, the Led light would turn from constant lighten to flashing. Then player may have time to take back the quadcopter and change the battery or recharge for the next flight.

Common problem and solution instruction:

The problem	Reason	Countermeasures
The indication light of the quadcopter is flashing and without reaction when operated	1.Frequency modulation between the quadcopter and remote control is not operated correctly. 2.Insufficient battery power	1.Refer to the Preparation for taking off,and re-modulate the frequency. 2. Recharge the battery
The quadcopter's blades turn around but the quadcopter cannot take off	1.insufficient battery power 2.the blades distorted	1.Recharge the battery 2.Replace the blades
The quadcopter shakes hardly	The blades distorted	Replace the blades
The accelerator turns back to normal but the blades still keeps running	The acceleration fine tuning was wrongly turned too high when flying	Turn the acceleration fine tuning to middle or lower position.
The fine tuning button are all on but the quadcopter still couldn't keep balance	1.The blades distorted 2.The motor doesn't work properly	1.Replace the blades 2.Replace the motor
The quadcopter becomes out of control after crashing	Three-axis acceleration sensor lose its balance after crashing	Put the quadcopter on the ground for 5-10 seconds

Accessories:



1. Clockwise blades (2 pcs)
2. Counter-clockwise blades(2 pcs)
3. Reversal blades (2 pcs)
4. Reversal motor (2 pcs)
5. Upper shell (1 pcs)
6. Lower shell(1 pcs)
7. Battery (1 pcs)
8. Receiver board (1 pcs)

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: 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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.