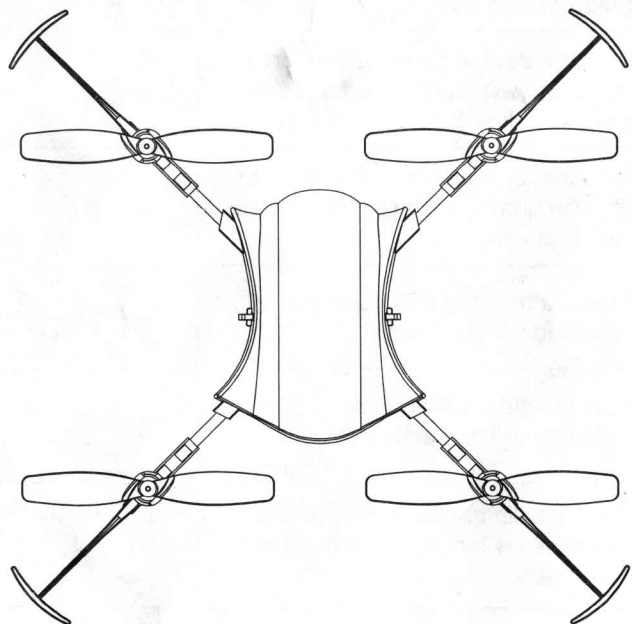


4 CH quadcopter Instruction User Manual



Item NO. FX119

- Intelligent remote control system
- Stable hovering
- Newly power-saving mode
- 6 Axis gyro makes stable flight

Please read all instructions carefully before using.
Please keep the instructions for future reference.

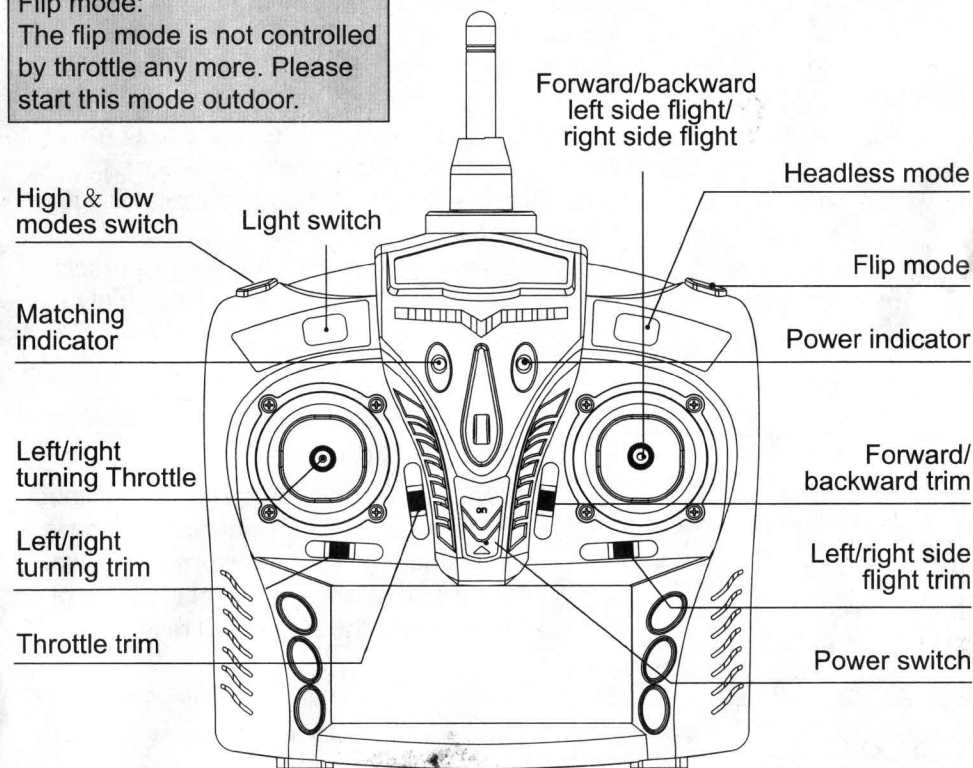
Quadcopter main technical index

Product size: 150×150×40 mm
Product weight: 40 g
Range: 50 meters
Charging time: 60 minutes
Using time: 4-6 minutes

Battery
1. Quadcopter's battery: 3.7V/350mAh
2. remote control's battery: 6×1.5 AA (LR6) (not included)

2.4G remote controller instruction

Flip mode:
The flip mode is not controlled by throttle any more. Please start this mode outdoor.



Requires 6×1.5 AA batteries

Installation instructions

Install the protection components before operating the quadcopter as shown in the following pictures.

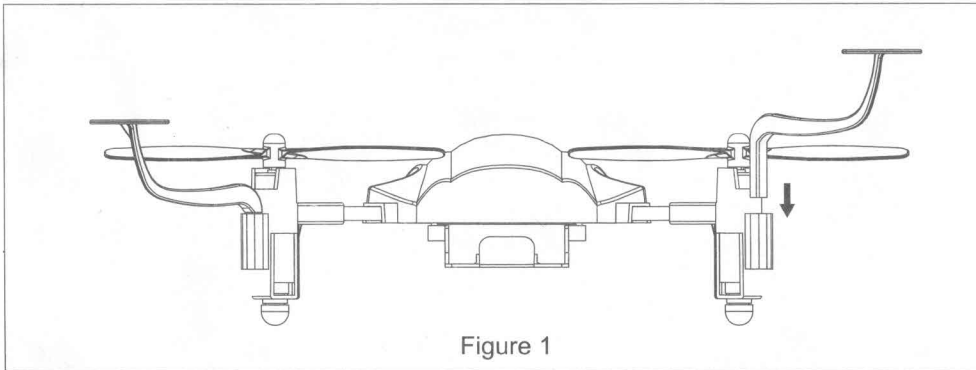
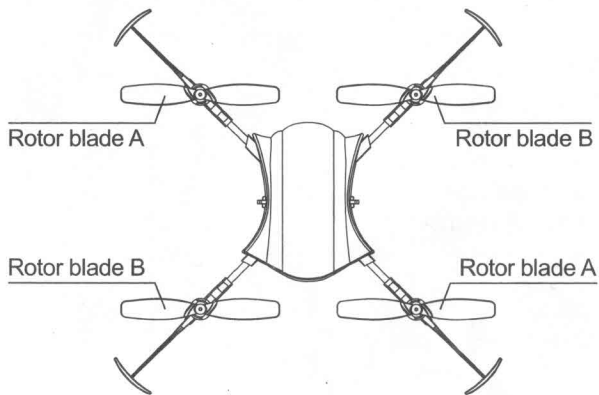


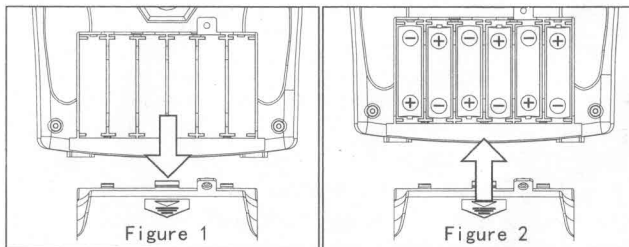
Figure 1

Install the blade guards as shown in figure 1. Insert the holes provided for each blade guard.



Replacing Rotor Blades:
To replace the rotor blades follow the picture to the left. Make sure to install the correct blade. If the wrong blade is installed, the drone will be uncontrollable.
Rotor blade B:
spin counterclockwise
Rotor blade A: spin clockwise

Installing controller batteries



1. Open the battery cover.
2. Install 6 "AA" Alkaline batteries in the correct polarity.(batteries are not included)
3. Cover the battery cover.

Tip: When the power indicator light on the remote is blinking, please replace the batteries according to the procedure mentioned above.

Warning:

1. NEVER charge Non-rechargeable batteries.
2. Rechargeable batteries should be charged only under adult supervision.
3. Recharge the quad battery at least once every 6 months.
4. Never charge rechargeable batteries in the remote.
5. Do NOT mix different types of batteries.
6. Use only recommended batteries for the remote and quad.
7. Make sure batteries are installed in the correct polarity.
8. Remove exhausted batteries from the remote.
9. Avoided shorting the battery terminals.
10. Before charging batteries make sure the charger and batteries have no damage. If there is damage replace them.
11. Never touch the blades when they are turning. this will cause injury.
12. When flying keep loose hair and clothing away from the drone.
13. Before flight, check the battery, wires, plugs, shell and other parts of the drone. If there is visible damage to any part replace it before flying.
14. Do not connect the power that over recommended volt.
15. Do not connect the drone battery to any wall outlet.

Battery charging instruction

Disconnect the battery and pull it out. (as shown in figure 1), then connect the battery to the USB charging cord - make sure the polarity is correct.(as shown in figure 2)

Note: The Red LED in the USB plug will be on when the battery is charging. When the LED light turns off the battery is fully charged and ready for use.

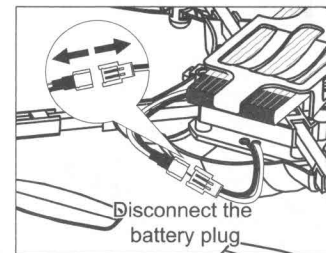


Figure 1

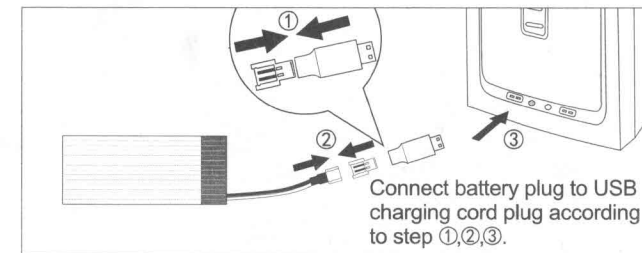


Figure 2

Attention:

1. Before charging the battery let it cool down for 10-15 minutes or until it is at the environment temperature.
2. Let the quad copter motors cool down for 10-15 minutes between flights. If motors are run too long they may overheat and seize.

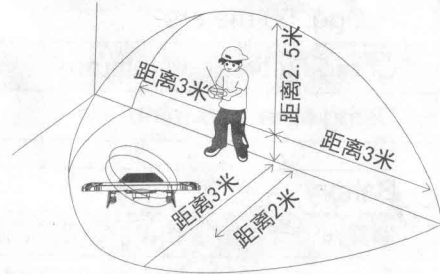
Environment for flight

1. Please fly in a proper weather. Please do not fly in a bad weather.
2. Do not fly in the strong wind weather, it will have an effect on your flight, even damage your drone.
3. When flying indoors or outdoors please make sure you have ample space with no obstacles, people or pets.



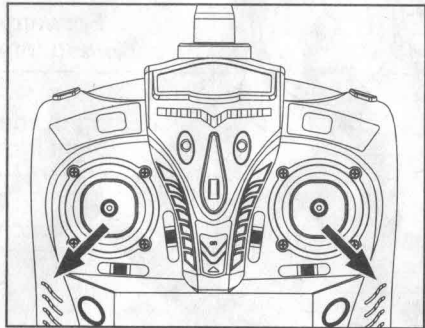
NOTE:

when you turn on the remote control, you need to replace the batteries if the indicator is flashing.



2.4GHz Frequency Instructions:

1. Turn on the quadcopter and place it on flat surface, then turn on the remote control, the controller's indicator light will flash, after flashing, it will stay on. Then the quadcopter's head lights will stay on after flashing 2-3 times and the back lights will flashing all the time. At this time, it is ready to fly.
2. If above steps doesn't work, you need to turn on the quadcopter and place it on flat surface, then turn on the remote control and push the throttle stick and direction stick to the bottom. When the indicator light flashing automatically, that means matching succeed.
3. When the quadcopter fly out of the control distance, as long as receive back the signal, adjust the throttle properly, it still can landing safely.



Automatic correction:


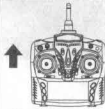

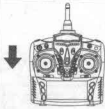
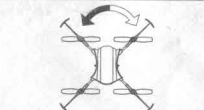
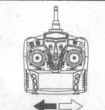

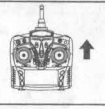

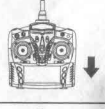
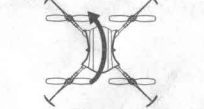
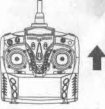
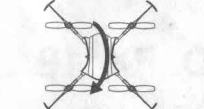
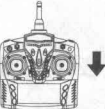
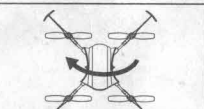
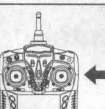
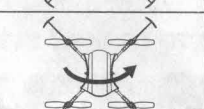
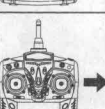
It will deviate from its direction if continuous flip or crash. You can start the automatic adjustment mode, as the picture shown, push down both joysticks at an angle of 45 degree, and the aircraft will recover.

Method of operation

Remote control operating instructions:

In the process of operation, please don't push the throttle too hard or too fast. Just push the throttle slowly, after skilled then can accelerate it. For novices, must to learn how to operate the remote control. First of all, let the quadcopter hover in the air, using the throttle stick on the left side of controller. After skilled, then practice with direction. When all skilled, try various aerobatics.

Operating Notes: Don't put anything on the quadcopter to avoid damage.

Ascend	Push the throttle (left joystick) forward. The rotors will start turning and the quad will take off.		
Descend	Push the throttle (left joystick) backward. The rotors will start turning and the quad will take off.		
Left /right turning	Push the left joy stick to the right or left. The quad will turn to the side the stick is pushed.		
Forward	Push the right joy stick forward. The quad will go forward.		
Backward	Pull the right joystick back. The quad will go backward.		
Forward flip	Press the flip button. Then push the right stick full forward. The quad will flip forward.		
Backward flip	Press the flip button. Then push the right stick full backward. The quad will flip backward.		
Left flip	Press the flip button. Then push the right stick full left. The quad will flip left.		
Right flip	Press the flip button. Then push the right stick full right. The quad will flip right.		

When you master flying and flipping the quad you may go to the next level of multiple flips. Press the flip button and hold the right stick to the side you want to flip. Hold it and the quad will continue to flip until the stick is returned to neutral.



Warning

1. This product is intended for users over 14 years old
2. Please keep the quad a safe distance from people and animals to prevent injury from the rotating blades.
3. Do not use this product in any airport area to prevent electromagnetic interference.
4. Do not use this product in areas that prohibit the use of remote control products.
5. Do not look the light beam in the eyes.
6. Motors may be hot - avoid touching them.