Please read the manual carefully before operation.

Safety Guide of Lithium Battery

WARNING: Under the condition of non-operation, charging to the lithium battery may cause fire or injury or pain of property. The user should undertake the responsibility for the accident caused by improper operation. The sales agent or retailer who making or selling this product won't take any responsibility for any accident happened. Please read carefully the safe guidance and charging instruction before using this product.

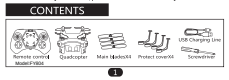
Please put the battery on the place where is far away from the children or pets. User on or less than 18 years old should use this product under the guidance of adults. Children under 8 years old should not operate it by its own.

Guarantee of Lithium Battery:

The guarantee of this product is only for the raw materials and the workshop and no guarantee for the other. If the battery appearance damaged, we won't compensate the amount that higher than the retail price valuant.

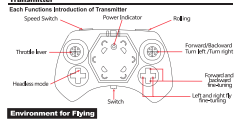
1.It is highly forbidden to charge it for a long time under unattended condition so as to avoid the accident.
2.Please use the original charger included for charging this product.
3.It is highly forbidden to decompose or disassemble the battery.
4.Batteries are forbidden to be used or kept under high temperature or heat source or near the flammable product.
5.When charging the battery, covering the charger or battery is highly forbidden. Please keep ventilation and make sure that it should be charged under the condition of fire safety.
6.If the battery sends out smelly odor or gets heated or deformed or there is any abnormal phenomenon happened during the process of charging, please remove the batteries from the charging device or charger and move to the safety outdoor place (If there are batteries which appear abnormal phenomenon, please DO NOT litter around. Please dispose it by taking safe measure) so as not to cause combustion or explosion.
7.Batteries are forbidden to be stored or transported together with the metallic object.
8.Batteries are forbidden to be thrown into the fire or get heated.
9.It is highly forbidden to short circuit the "+" and "-" of the battery.
10.It is highly forbidden to upside down the "+" and "-" polarity of the battery.
11.If there is any battery leakage happened or electrolyte liquid mistakenly goes into the eyes, please do not rub the eyes but rinse the eyes with clear water.
12.When the battery is not used, please store it in the cool or dry environment.

CONTENTS



Transmitter

Each Functions Introduction of Transmitter



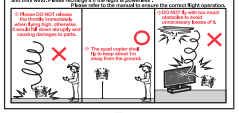
Environment for Flying

Please fly in the spacious indoor, and make sure there is no obstacles, animals or humans nearby.

NOTE:
-Please make sure that the appropriate environment should be suitable before flying. When flying, DO NOT allow the quad copter beyond your sight.
-The children should be under the guidance of adults when flying.

Notes for Control

Scope of control: The flying scope of the quad copter is about 28m and if beyond the scope, it will be out of control.
Warning: If flying in strong wind, the quad copter may go beyond the control scope and it would be out of control.
Flight time: The quad copter can fly in the R/C distance under the condition of fully charge and mini wind. Please recharge it if the flight is powerless .
Please refer to the manual to ensure the correct flight operation.



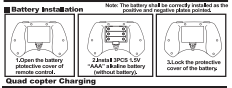
Protective cover Installation

Recommended for beginners to install protective cover

Battery Installation and Charging Way

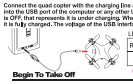
Battery Installation

Note: The battery shall be correctly installed as the positive and negative plates pointed.



Quad copter Charging

Connect the quad copter with the charging line and then insert the USB charging line into the USB port of the computer or any other USB chargers. When the USB indicator is OFF, that represents it is under charging. When the indicator is ON, that represents it is fully charged. The voltage of the USB interface is +5@0.5V.



LED Indicator USB	
Red light off ●	Red light on ☀
Charging	Charge Completion

(USB lights flashing when charging)

Begin To Take Off

The correct starting sequences of opening program are as the followings:

1.Pull the throttle stick to the lowest point.

(Figure 1)

(Figure 2)

(Figure 3)

2.Switch on the power of the quad copter and put the quad copter on the level ground and keep static. The indicator of the quad copter will be flashing.
3.To open the remote control power supply, the remote control to send out the sound "Di", and then the throttle racker (Figure 2) hit the highest, and then hit the lowest (as shown in Figure 3), issued a "Di.." sound, said the code is successful, while the aircraft to stop flashing lights.

Operation and Control

Attention: Please avoid losing control. You should bear in mind that you need to operate the control stick slowly when operating the quad copter. During the process of controlling, the quad copter may lose some power. Therefore, during the courses of flying practice, you need to add some extra power to keeo the quad copter flying in a certain height.

Control ascending and descending of the quad copter

Control left rotation and right rotation of the quad copte

Control forward and backward of the quad copter

Control left flying and right flying horizontally of the quad copter

Attention: When the quad copter flies towards to you, the control direction will be reversing.

MODE SETTING & MODE INSTRUCTIONS

Speed setting
Press the acceleration button to enter the speed setting
The beeper on the transmitter sounds "Di" → The quad copter enters the junior mode.
The beeper on the transmitter sounds "Di Di" → The quad copter enters the high speed mode

HEADING LOCKING MODE (headless mode)

Mode Instruction:
Heading locking mode: The heading of the quad copter refers to the positive directing pointed by the nose when turn on the quad copter. When entering this mode, no matter where the nose is, the quad copter will flying forward to the positive direction pointed by nose with power as pushing forward the direction stick, and the other three directions are the same as this.

Aerial Tumbling Skills

3 modes can all be used to perform flip action in the air, press the rolling and it will send out sound of "Di" and then enter the Flip Mode.

⚠This model of mini quad copter can fly with 360 degree flip action in the air through operating the stick.
In order to better carry out this flip function and make sure the quad copter is one meter height above the ground, you'd better operate the flip action during the process of ascending,thus the mini quad copter will be easier to keep the height after making flip paction.

Left Side Flips

Press the Roll button, and push the aileron to the left side when hearing the sound of "Di".

Right Side Flips

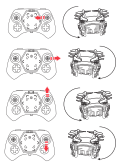
Press the Roll button, and push the aileron to the right side when hearing the sound of "Di".

Front Flips

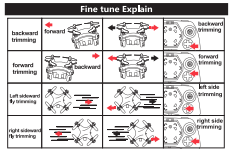
Press the Roll button, and push the ascend/descend stick to forward when hearing the sound of "Di".

Back Flips

Press the Roll button and push the ascend/descend stick to backward when hearing the sound of "Di".



Fine tune Explain



Accelerator Alignment

When the quad copter appears unstable flying performance or fly to one direction in a quick drifting speed, you need to calibrate the accelerometer.
1.After finishing the decoding between the quad copter and the transmitter, the quad copter shall be placed on the level ground.
2.Push the throttle to the left bottom corner and the direction lever to the right bottom corner. At this time, the indicator of the quad copter will be flashing for 1~2 seconds, then the decoding is successful. (Left-hand throttle)

Low Voltage Protection

Low Voltage:
When the battery voltage is low, the four indicators on the quad copter will flash. At this time, please lower the flying height, close the quad copter power and recharge it.

Common Breakdown Maintenance Of The R/C Quad Copter

Troubleshooting	Maintenance method
Main rotor don't work or drifting take-off	Return-on and decoding, and if the problem still can't be solved, check whether the propellers of the quad copter are deformed or not. If there are deformed badly, they should be replaced.
Can't take off	Recharge the quad copter if there is short battery. If the problem still can't be solved, you can make the calibration according to the "Accelerometer Calibration" of the manual.

MAIN PARAMETER

Picture on the manual and the actual product may differ, please in kind is given priority to.

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.

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.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.