



AGES
14+

USER MANUAL

NO.CX-12

PLEASE CAREFULLY READ THE INSTRUCTION MANUAL BEFORE FLYING

Lithium Battery Safety Instruction

WARNING:

Under the condition of non-operation, charging to the lithium battery may cause fire or injury or loss of property. The user should well notice the risk hidden when using this kind of product. The manufacturer or sales agent or retailer 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 pet. User on or less than 18 years old should use this product under the guidance of adult. Children under 14 years old should not operate it by its own.

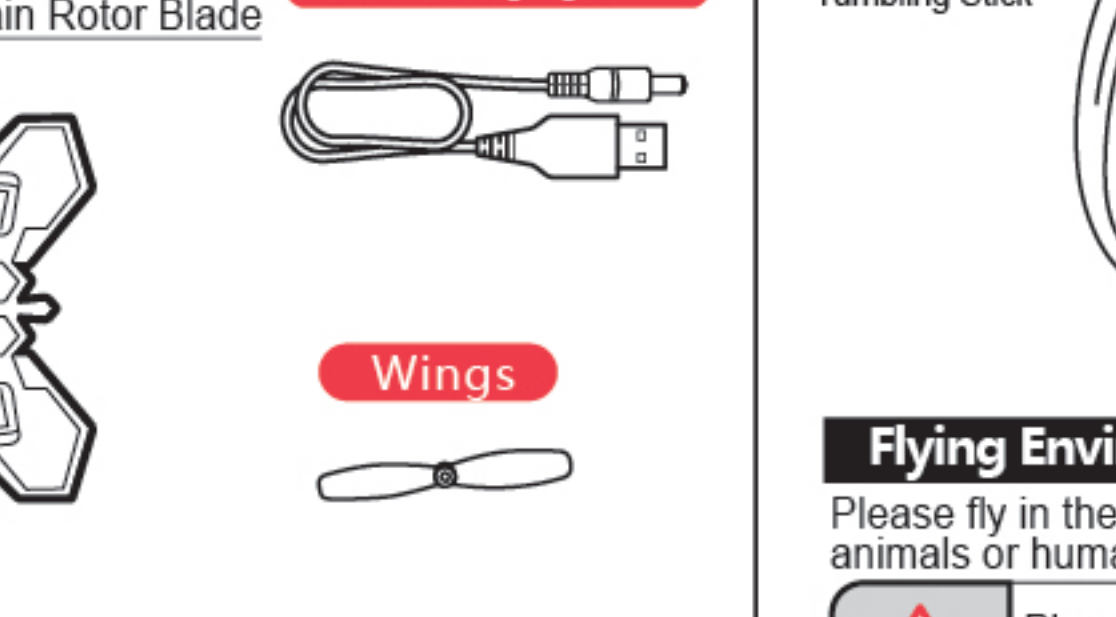
Guarantee of the Lithium Battery:

The guarantee of this product is only for the raw materials and workshop but no guarantee is given to this product. Under any circumstances, our company won't compensate the amount that higher than the retail price value.

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. Metal is forbidden to connect directly with the "+" "-" polarity of the battery.
10. It is highly forbidden to upside down the "+" "-" polarity of the battery.
11. If there 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.

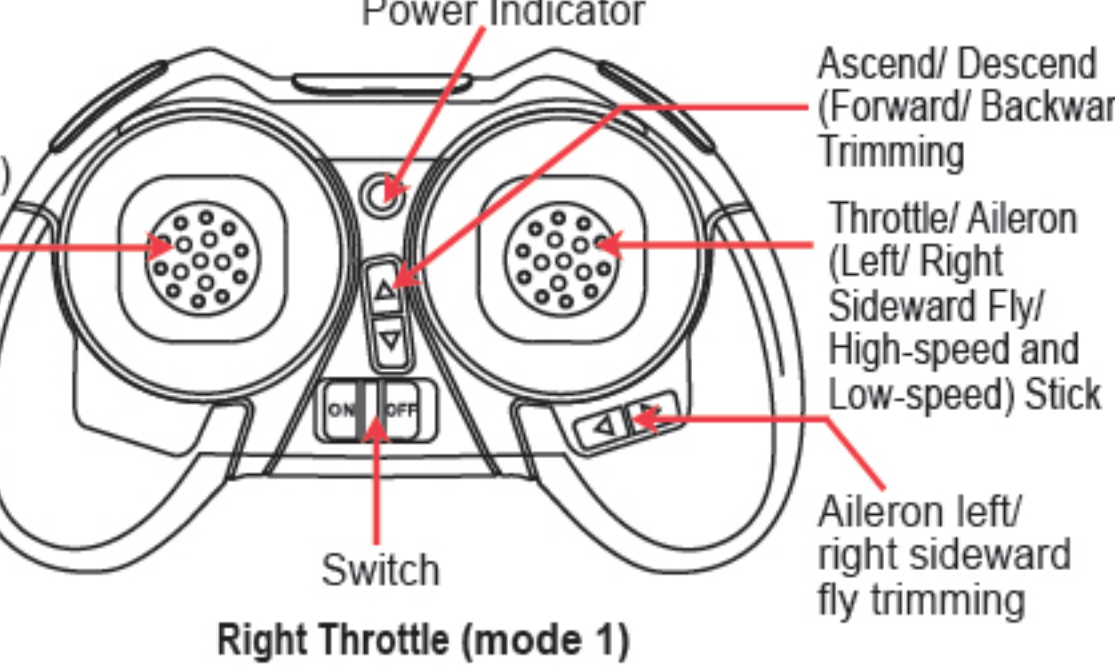
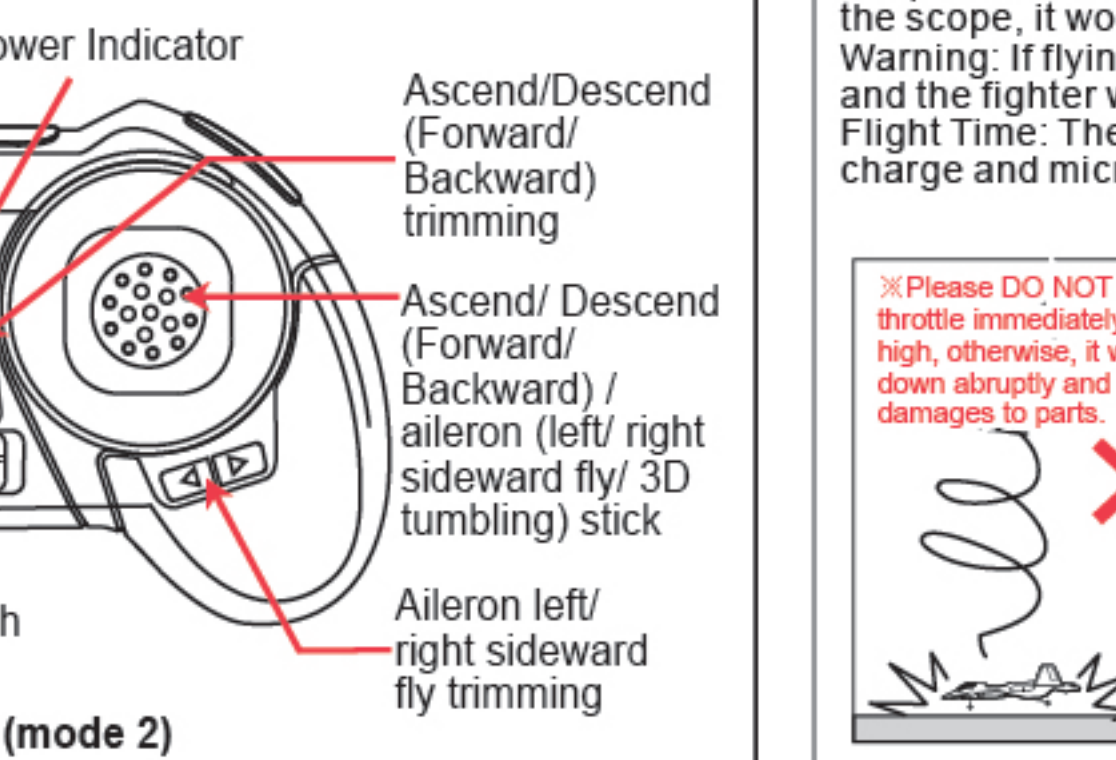
Illustration of Each Part

Fighter



Transmitter

Each Functions Introduction of Transmitter



Flying Environment

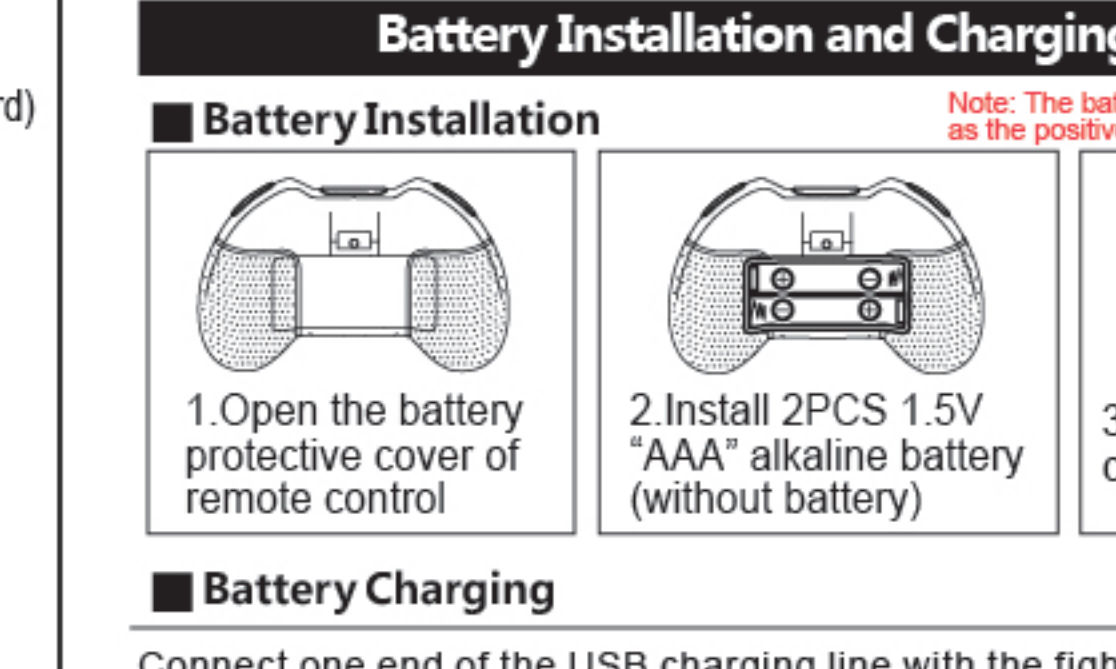
Please fly in the spacious indoor, and make sure there is no obstacles, animals or humans nearby.

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 fighter is about 30m and if beyond the scope, it would be out of control. Warning: If flying in strong wind, the fighter may go beyond the control scope and the fighter would be out of control. Flight Time: The fighter can fly for about 4 minutes under the condition of full charge and micro wind. Please land and recharge if the flight is powerless.

Please refer to the manual to ensure the correct flight operation



Battery Installation and Charging Ways

Battery Installation

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

1. Open the battery protective cover of remote control
2. Install 2PCS 1.5V "AAA" alkaline battery (without battery)
3. Lock the protective cover of the battery

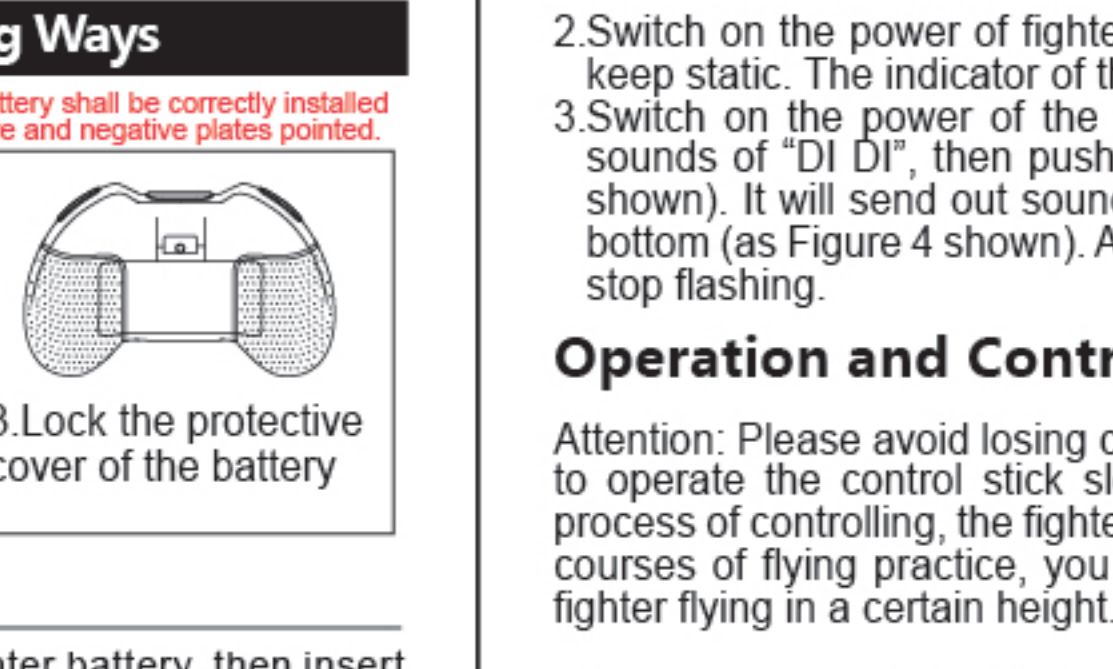
Battery Charging

Connect one end of the USB charging line with the fighter battery, then insert the other end of the charging line into the USB port of the computer or any other USB charger. When the USB indicator is ON, that represents it is under charging. When the indicator is OFF, that represents it is fully charged. Besides Apple charger, this USB charging wire can be connected with any other charger of smart mobile or movable power or being charged on the USB interface on the car. The voltage of the USB interface is +5+0.5V.

Begin to Take Off

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

1. Switch on the transmitter and pull the throttle stick to the lowest point (Figure 1)

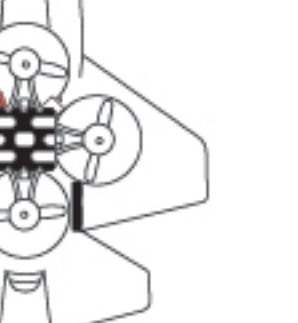


Operation and Control

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

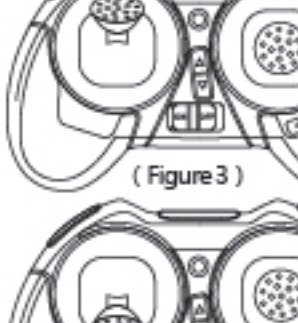
Throttle

Control the fighter to make ascending and descending



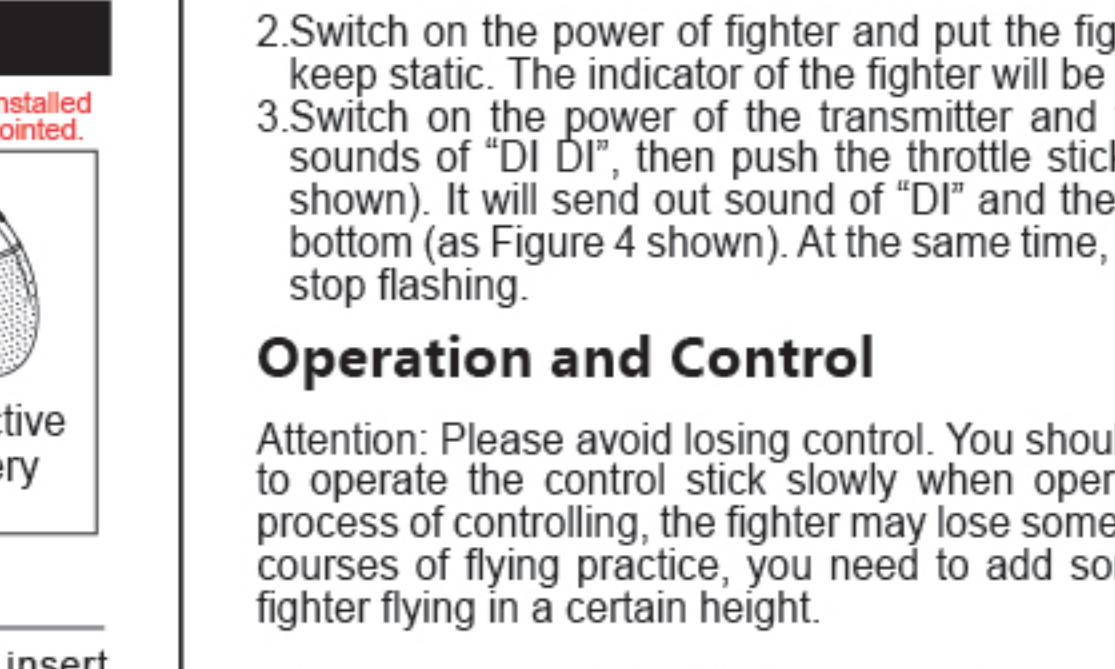
Steering Rudder

Control the left rotation and right rotation of the fighter



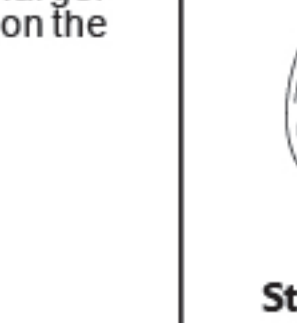
Rudder

Control the forward and backward of fighter



Aileron

Control the quad copter to fly horizontally to be left or to be right



Accelerator Alignment

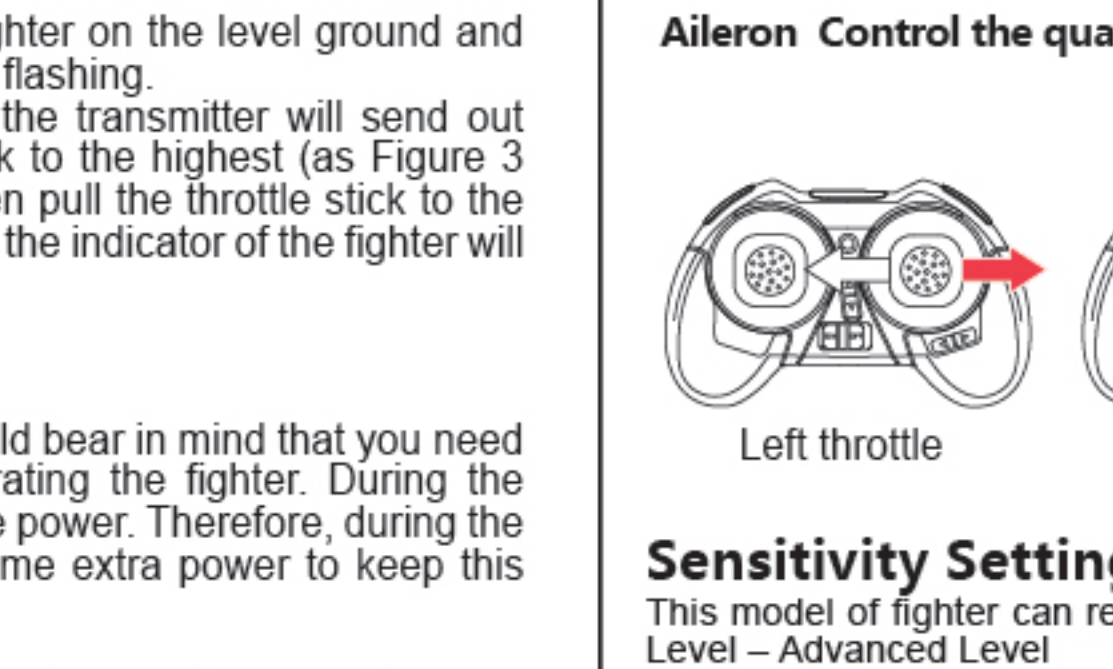
When the fighter appears unstable flying performance or fly to one direction in a quick drifting speed, this time you need to calibrate the accelerometer.

Common breakdown maintenance of the R/C aircraft

Troubleshooting	Reasons	Maintenance Method
No Power and Frequency Conversion	1. Not install the battery correctly with the correct polarity. 2. The power of the battery has already gone out.	1. Check and confirm whether the battery is correctly packed into the box as the polarity showed. 2. Replace new battery.
Out of Control	1. Didn't connect the battery of fighter. 2. Too powerful wind.	1. Connect the battery of fighter. 2. Do not fly close to the powerful wind or fly in the windy environment which may lead to the flight limitation during the flight, otherwise, it may disturb your controlling or flying.
Failure in decoding	3. Failure in decoding.	3. Try decoding again.
Failure in ascending	1. The rotation speed of blade is too slow. 2. Not enough power of the fighter's battery	1. Push up the throttle stick to the end. 2. Charging the fighter's battery or replace the battery
Landing too early	Too fast to pull the throttle stick down.	Slowly pull down the throttle stick for smoothly landing.

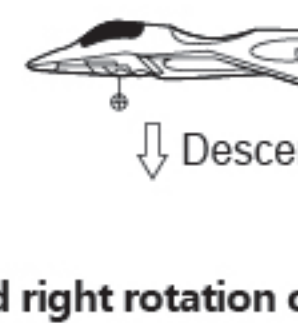
Trimming Adjustment Introduction

Backward Trimming	Forward	Backward	Backward Trimming
Forward Trimming	Backward	Forward	Forward Trimming



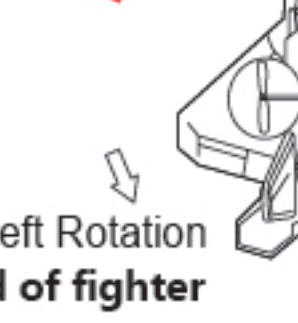
Left side flips

Press the control stick, and push the aileron to the left side when hearing the sound of "DI".



Right side flips

Press the control stick, and push the aileron to the right side when hearing the sound of "DI".



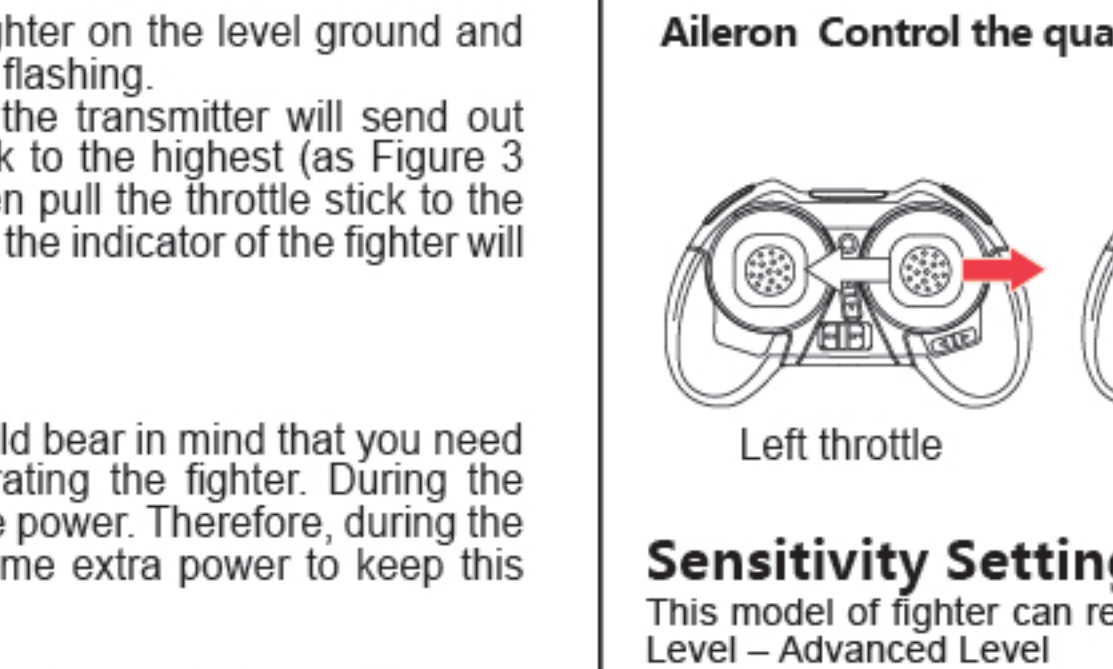
Front flips

Press the control stick, and push the ascend/descend stick to forward when hearing the sound of "DI".



Backward flips

Press the control stick, and push the ascend/descend stick to backward when hearing the sound of "DI".



Aerial Tumbling Skills

3 modes can all be used to perform stunt action in the air, press the control stick and it will send out sound of "DI" and then enter into the Stunt Mode.

Stuck Protection and Activation

During the course of flying, in the case that it is collided or any other reason which cause jam to the propeller, the battery protecting board of the aircraft will power off automatically so as not to cause damaged or danger. Under the condition that the battery is fully charged, you can switch off the power and just restart it. If the aircraft is not connected with the power after being restarted, it means the battery electricity is not enough to activate the battery. This time you can use the original USB charging wire made in our factory to connect with the power and then simply activate it.

Warning

- Non-rechargeable batteries are not to be recharged;
- Rechargeable batteries are to be removed from the transmitter before being charged;
- Rechargeable batteries are only to be charged under adult supervision;
- Different types of batteries or new and used batteries are not to be mixed;
- Exhausted batteries are to be removed from the transmitter;
- The supply terminal are not to be short-circuited.
- Packaging has to be kept since it contains important information.

Rechargeable Li-ion Battery

Model: 3.7V120mAh 1ICP10/16/18

Manufacturing date: YYYY-MM-DD

Voltage: 3.7V Capacity: 120mAh

"+" red "-" black"

Caution:

- Charge only with specified charger
- Don't heat or dispose of in fire
- Don't disassemble the battery
- Don't short circuit "+" "-"

MADE IN CHINA

Manufacturer: SHIDA BATTERY TECHNOLOGY CO., LTD

YYYY-MM-DD Note: "YYYY" represents year, "MM" represents month, "DD" represents date

Warning: 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.

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.