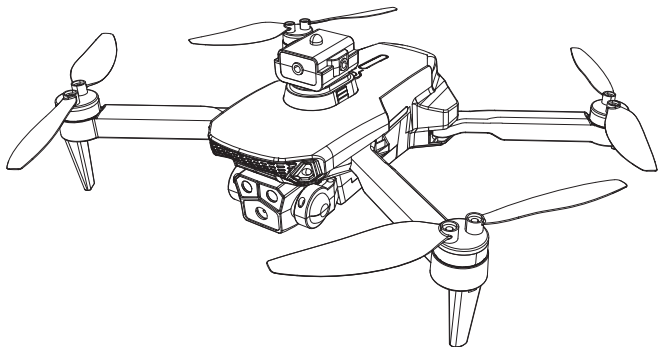


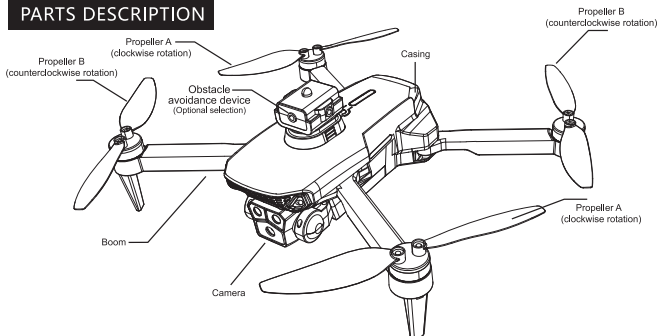
AGES 14+

4-AXIS AEROCRAFT INSTRUCTION MANUAL



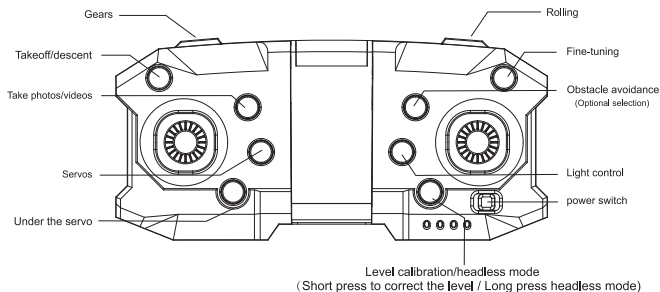
**PLEASE READ COMPLETELY THE MANUAL AND
KEEP IT WELL FOR USE REFERENCE.**

PARTS DESCRIPTION



Note: photos are for reference only, please in kind prevail.

PARTS DESCRIPTION OF THE REMOTE CONTROLLER



Low power indication: When the energy is lower than 3V, there is the warning tone of "Di, Di", it means user needs to change the new batteries.

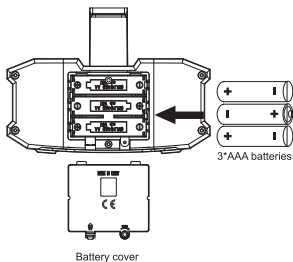
Note: remote control design please in kind prevail, please according to the physical design keys corresponding to manual operation.

REMOTE CONTROLLER' S BATTERIES INSTALL

Battery Installation: Open the battery cover on the back of the remote control, and follow the instructions of the electrodes in the battery box, put in 3 pcs AA alkaline batteries correctly.(The batteries need to be purchased separately.)

Attention

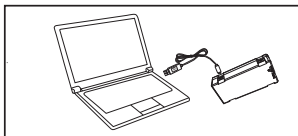
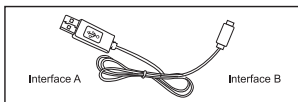
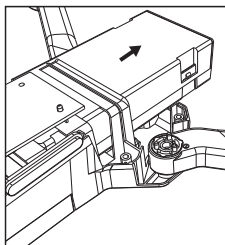
1. Install batteries with correct polarity
2. Do not mix old and new batteries
3. Do not mix different types of batteries



CHARGE BATTERIES OF QUADCOPTER

Push the switch of OFF option then open the battery cover.

After disconnecting, connect port A to the computer's USB interface, the red light will be on, and the port B will be connected to the lithium battery. The red light will be on. The light is off when full. Charging time is around 90 minutes.



Attention :

1. Please stop charging when the plug is overheat due to over charge, or it may cause damages to the batteries.
2. Please supervise the charging process when charging.
3. Please make sure you use the original USD cable provided which is reliable balance charging mode to avoid an accident.
4. Please do not charge the batteries if the surface temperature is still not cool after flying, it is better to wait around 30 minutes until the temperature back to be normal.
5. Please do not throw the batteries into the fire to cause accidents.
6. Please do not short the circuit the batteries, do not mix the batteries with some small metal parts, otherwise, it will cause accidents easily.
7. It needs to use the factory charging line when charging. And the charging line can only be charged on the computer, if the adapter is needed, please purchased it additionally. It is forbidden to select other adapter yourself. The charging shall be supervised by someone, otherwise, in case of any accident, the manufacturer shall not take any responsibility.

NFRARED OBSTACLE AVOIDANCE (Optional selection)

1. When the aircraft is turned on, the infrared obstacle avoidance function is turned off by default, and it needs to be turned on manually.

2. The infrared obstacle avoidance of the aircraft shall be applied in the front, left and right directions, and respectively to retreat in the opposite direction of the obstacle.

3. When it turns on the infrared obstacle avoidance mode, the aircraft will slow down and cannot turn on the fast gear.



PREPARATORY FLIGHT ENVIRONMENT

Flight Environment



Indoor: spacious space away from obstacles, people or pets is preferred.



Outdoor: sunny, windy and sunny days are preferred.



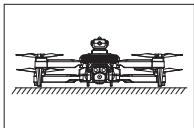
Please keep the aircraft in line of sight during the flight and keep away from obstacles, high-voltage cables, trees and personnel.



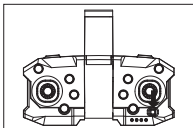
Do not fly in extreme environments, such as hot, cold, strong wind or rainstorm.

PREPARE TO FLY

Make sure the propeller is installed correctly securely and the aircraft arms are straight.

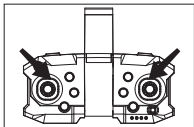


1. Turn on the power of the aircraft fuselage. Place the aircraft on a level surface.

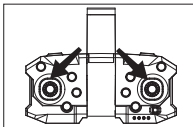


2. Open the remote control handle and turn on the power of the remote control and hear the "DI" sound is successful.

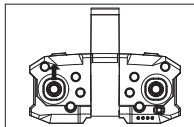
Take-off Method 1:



1. As shown in the fig, operating the right and left control lever to start calibration.

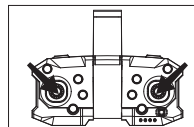


2. As shown in the fig, operating the right and left control lever to unlock aircraft.

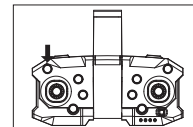


3. Push the throttle lever up slowly, and the aircraft will take off.

Take-off Method 2:

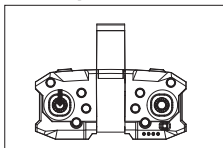


1. As shown in the fig, operating the right and left control lever to start calibration.



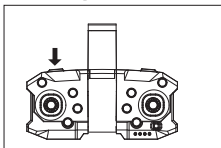
2. Press the button of one key off, the aircraft rises slowly.

Landing Method 1:



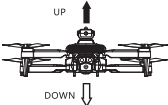
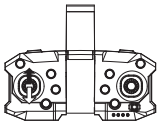
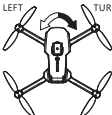
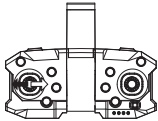
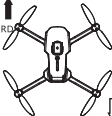
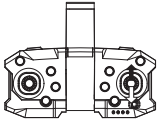
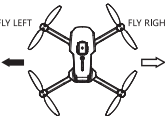
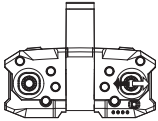
1. Push the throttle lever down slowly, until the aircraft lands. Keep the throttle lever at the lowest position, aircraft lands, the motor stops and the aircraft lands successfully.

Landing Method 2:



2. Press the button of one key landing, the aircraft lands slowly.

OPERATING DIRECTION

	<p>Push the throttle up or down, the quadcopter flies upward or downward.</p>	
	<p>Pull the throttle left or right, the quadcopter turns to left or right.</p>	
	<p>Push direction lever up or down, the quadcopter flies forward or backward.</p>	
	<p>Pull the direction lever left or right, the quadcopter flies to left or right side.</p>	

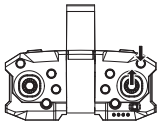
SPECIAL NOTICE

Without any operated of the control lever, the quadcopter keeps rotating in the sky, you can correct it by pressing the button of "fine-tuning".

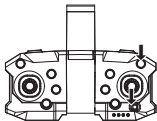
When the aircraft from the ground is around 30cm, the flight will be affected by the aircraft itself as the blades rotating, we call this as "Ground Reaction", the effective will be more strong when the aircraft get more close to the ground.



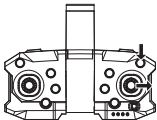
When the aircraft hovers and the aircraft moves backward, press the key of fine-tuning and push the right steering rocker forward until the aircraft not move backward.



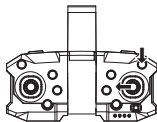
When the aircraft hovers and the aircraft moves forward, press the key of fine-tuning and push the right steering rocker backward until the aircraft not move forward.



When the aircraft hovers and the aircraft moves to the left, press the key of fine-tuning and push the right steering rocker to the right until the aircraft not move to the left.

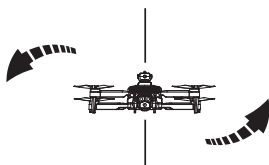


When the aircraft hovers and the aircraft moves to the right, press the key of fine-tuning and push the right steering rocker to the left until the aircraft not move to the right.

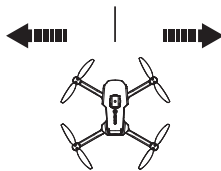


FLYING EXERCISES

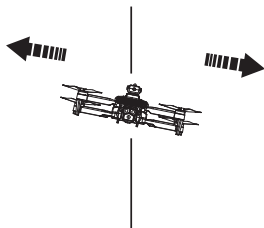
Try some exercise after familiar with some basic learning.



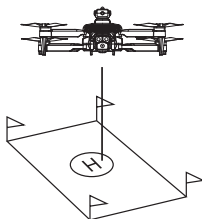
Fixed point rotation
(directional rotation)



Forward and backward

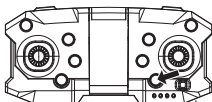


Left and right side flight



Landing at a designated location (fixed point landing)

HEADLESS FUNCTION



Level calibration/headless mode

1. Switch to headless function:

After frequency modulation of the aircraft with the remote controller, long press down headless function switch on the top left of the controller, remote controller will give out "Di" and the indicator light is flashing from long bright state, it means that it enter into headless state.

2. Exit headless function :

After enter into headless state, long press down the headless function switch and hearing "Di", and the indicator light is into long bright state from flashing, it means that it exits headless state.

3. Correcting forward direction:

After aircraft crashes into headless state, it needs to adjust the aircraft's direction, that means when the aircraft start frequency modulation, the direction of the indicator light on the aircraft means the correct direction that aircraft moves on.

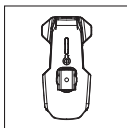
PROBLEMS AND SOLUTIONS

problems	causes	solutions
Power off of the remote controller	1 Batteries in wrong polarity	1 Checking and correct the polarity of batteries
	2 Power off	2 Checking and change the new batteries
Remote controller has no response	1 No turning on the energy	1 Touch the switch to turn on the power
	2 No connecting the aircraft' s batteries	2 Checking and correct connect the power on
	3 Strong wind	3 Please play indoors where is spacious.
Aircraft can not be up	1 Rotor speed is too low	1 Push up the accelerator
	2 The aircraft' s power is not enough	2 Please make the aircraft' s batteries fully charged
Out of control	Accelerator operated no return the aircraft upward	when you do the frequency modulation, the accelerator operated should be back to the original position
	Out of the control distance	Please play within the effective distance
Excessive landing	The speed of accelerator pulling is too fast.	Please pull the control lever slowly, maintain a smooth landing.

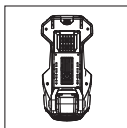
ATTENTION

1. The control distance will be effected by the low battery.
2. It is hard to fly or height is not enough when the batteries energy is low.
3. If there is any damages occurred, please stop playing and take it to be repaired to avoid accidents.
4. Please remove the batteries from the remote controller if long time not used to protect from batteries leakage
5. To avoid the quadcopter from high falling or collision each other.
6. If there is any problem occurred during using, please replace our factory's original parts, or it may cause the damages easily.

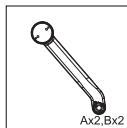
PARTS SHOW



01. Cover

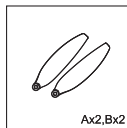


02. Bottom cover



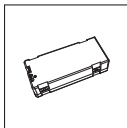
Ax2,Bx2

03. Boom

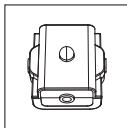


Ax2,Bx2

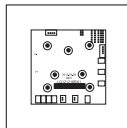
04. Blade



05. Lithium battery



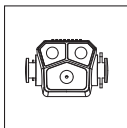
06. Obstacle avoidance
(Optional selection)



07. Ground plate



08. Motor



09. Camera

Note: photos are for reference only, please in kind prevail.



FCC Warning Statement

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

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.