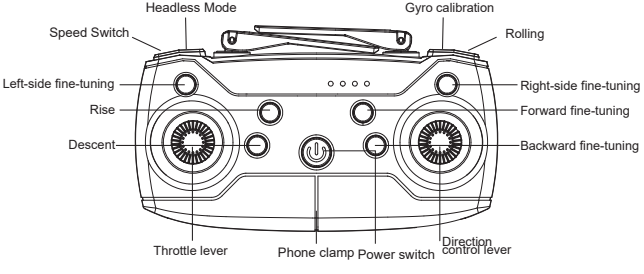
FOR AGES
14+

FOLDING DRONE USER MANUAL

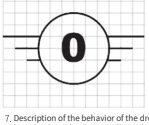
REMOTE CONTROL FUNCTION DESCRIPTION



REMOTE CONTROL

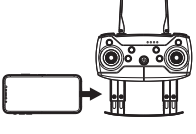
Uav detailed parameters and precautions for use

Do not use fast charge or high power charger



1. Drone weight:93g
2. Uav Maximum Takeoff Mass (MTOM):96g
3. Maximum flying speed of the drone:3M/S
4. Drone altitude：20-30M
5. UAV Remote control UA equipment and software：
   Device:remote control/Software:WiFiCAM
6. The drone has no load function
7. Description of the behavior of the drone and UA when the data link is lost: When the data link is lost, the drone lands vertically on the ground
8. Operation restrictions: Avoid strong winds or thunderstorms to operate the aircraft outdoors, and need to fly within visual range at night
9. This aircraft is only suitable for personnel over 14 years old to operate. In order to ensure flight safety, please try to avoid airports, highways, train stations, subway stations and densely populated areas in urban areas

1.Mobile phone rack
Pull out the mobile phone handle and clamp the mobile phone.

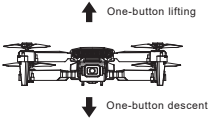


2.2.4G frequency alignment

Turn on the power switch of the aircraft and place it on the flat ground with the indicator flashing. Then turn on the power switch of the remote control, push the power operating lever to the highest position for 1 second, and pull it to the lowest position with a sound of Di and a long-term on of the aircraft indicator, it means that the frequency matching is completed, and the flight can be started.

3.One-button take-off and one-button landing

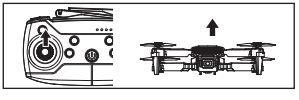
It is suggested that the height of this product is determined by barometer.Due to the influence of various environmental temperatures and otherdifferent factors, it is normal for the aircraft to change evenly at the beginning of flight or at low voltage.

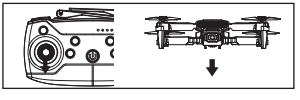


It must be operated after 2.4 G alignment is completed

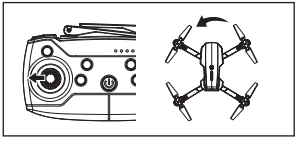
5、Flight control

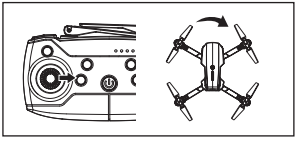
● Throttle (left rocker)



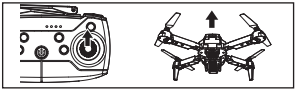


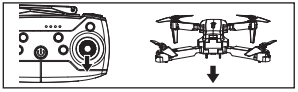
● Rotation (left rocker)



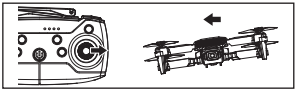


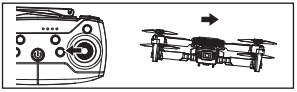
● Forward and backward (right rocker)





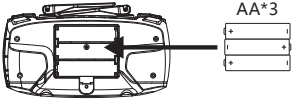
● Left and right side flight (right rocker)





Remote Control and Aircraft Battery Installation and Charging Instructions

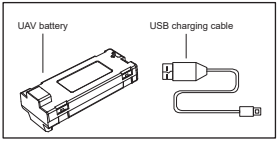
1、Remote control battery installation



Put the battery correctly according to the electrode instructions (+,-) of the battery box as shown

2、Aircraft battery charging

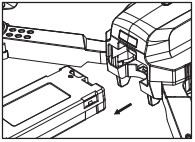
（1） Remove the battery from the aircraft;
（2） Connect the battery to the specific charging cable, and then insert the cable into the charging equipment such as the USB port of the computer.
（3） When the remote control is charged, the indicator lights up while be off when charging completion.

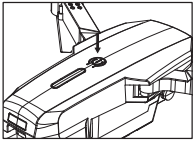


The charging time is about 60 minutes

3、Installation and startup of aircraft battery

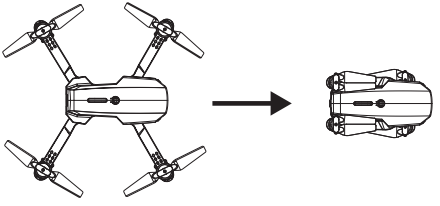
Put the fully charged battery into the battery slot of the aircraft and hold down the power switch until the aircraft lights up.

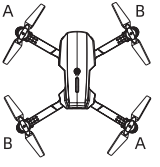




Aircraft installation

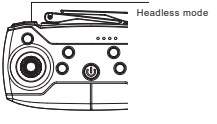
1、Folding function





2. Installation of aircraft blades
Please install the propeller in the correct direction, and lock the screw after installing the support arm of the aircraft corresponding to the mark (A/B) on the propeller.

Direction Definition and Mode Selection of Headless Mode



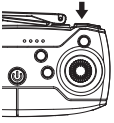
When switching to headless mode, the aircraft will give up its front,back, left and right directions, and take the nose direction (one side with camera) of the aircraft at 2.4 G frequency alignment as the forward direction.

1、Direction definition before take-off: Put the forward direction of the aircraft directly in front of you (there is a camera side, and then turn on the remote control for 2.4 G frequency alignment to complete the headless mode direction definition of this flight.

2、Press headless mode when flying, and the remote controller keeps making noise; The aircraft lights quickly flash and enter the headless mode; Press the headless mode key again, and the remote controller will make a di” and “di” sound, that is, exit the headless mode.

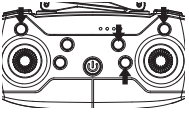
⚠ Note: Before entering into the headless mode, the forward direction must be determined, that is, the direction of the aircraft on the ground after startup.

Horizontal Calibration



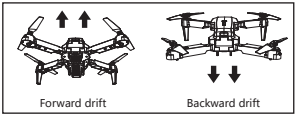
It can be done of the horizontal calibration if the aircraft cannot rise vertically during takeoff. It can be pressed the key of One Key Correction with the aircraft indicator quickly flashing, and after the indicator on means the correction is completed. When executing the correction command, it must be executed in a stable state parallel to the horizontal line, otherwise the correction effect will be affected.

Fine-tuning Operations

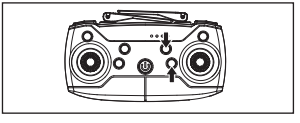


If the aircraft has been drifting in a certain direction or rotates left / right in place,the aircraft can be slightly adjusted through the following operations to make the aircraft reach a stable flight state.

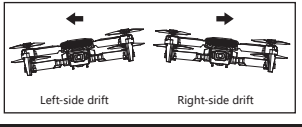
● Drift all the way forward or backward



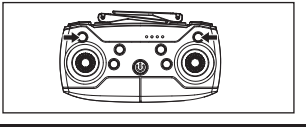
● Adjust the direction



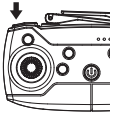
● Drift all the way to the left or right side



● Adjust the direction



Speed Switch



The speed switch is divided three speeds for the flight of forward, backward and left & right side. It defaults to gear 1 after power on. And when press the remote control with two sounds of Di for the gear 2, three sounds of Di for the gear 3 and one sound of Di for returning to gear 1.

360° rolling

Implementation steps:

1. Press the 360° rolling button, and the remote controller will continue to send out "di""di""di";
2. Push the right rocker. At this time, the aircraft will carry out 360° rolling according to the pushing direction of the right rocker.

⚠ When the aircraft enters the low voltage state, the carry out 360° rolling function will be automatically prohibited

Problem solving guidelines

Problem	Cause	Treatment mode
After the aircraft is connected with the battery, the indicator light flashes continuously,and the operation is unresponsive	Aircraft and remote controller 2.4 G frequency alignment was unsuccessful	Please re-perform 2.4G alignment between aircraft and remote control
There is no reaction after connecting the battery.	(1) Check whether the remote control or aircraft is powered on (2) Check the remote control or aircraft battery for low voltage (3) Whether the positive and negative plates of the battery are in poor contact	(1) Reinstall the battery (2) Charge or replace new batteries (3) Confirm that the positive and negative polarities of the battery are installed correctly
When pushing the throttle remote lever, the motor does not rotate, and the indicator light of the aircraft flashes all the time	Aircraft battery is low	Charge the battery or replace a fully charged battery
The propeller of the aircraft keeps rotating but cannot take off	(1) Propeller deformation (2) Aircraft battery power is insufficient	(1) Replace the spiral prize (2) Charge the battery or replace a fully charged battery
The aircraft vibrates badly	Propeller deformation	Change propeller
The aircraft always drifts in one direction	The center point of gyroscope on aircraft is wrong	Re-calibrate horizontally or reboot Re-alignment
The aircraft lost its balance after falling	The center point of gyroscope on aircraft is wrong	Re-calibrate horizontally or reboot Re-alignment

Note: the batteries of newly purchased products are low voltage, please fill the battery before use!

FCC Warnning:

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 againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.