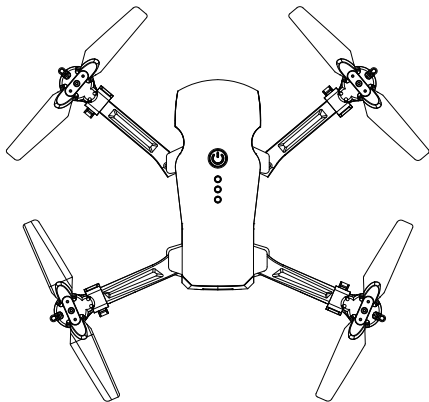


AO SEN MA

Auto-Follower 6-Axis System



INSTRUCTION MANUAL

Please read and understand the manual before use.
This manual contains important information and keep this manual handy for further reference. Images and descriptions may vary from your received model.

Outdoor Use
Package: Close Box
Battery Pack: ^{Li-Po} 11.1V, 1500mAh
Weight: 350G

Motor: Brushless 1406
ESC: Brushless 6A
Receiver Type: RG-033
Transmitter: RT-033

Propeller: Foldable 5045
Shaft Span: 220mm
Product Height: 80mm
Play Time: Approx. 23mins (no load flight)

Main Features



GPS
GLONASS



WiFi



CIRCLING FLIGHT



TWO-WAY
TRANSMISSION



AUTO HOVER HOLD
AND GPS POINT
ORIENTATION



MOBILE
AUTOMATIC
FOLLOWING



FAIL SAFE RETURN
AND LANDING



ONE KEY RETURN



SIMPLE CAMERA
PLATFORM



HEADLESS MODE

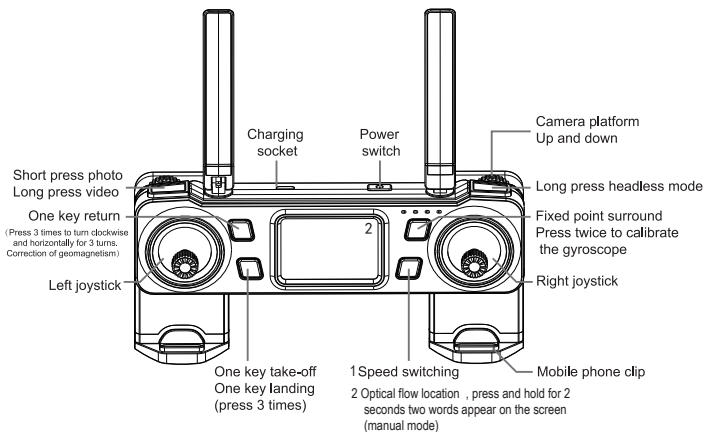


OPTICAL FLOW
LOCATION



4K CAMERA

TRANSMITTER



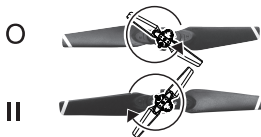
PREPARATION FOR TAKING OFF

Be sure that both the transmitter and the drone have sufficient battery power.

1)Checking Propellers : There are two types of propellers installed on quadcopter.

—One pair of propellers, marked with O, will rotate clockwise .

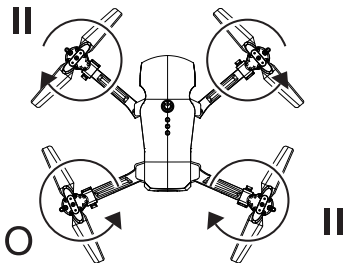
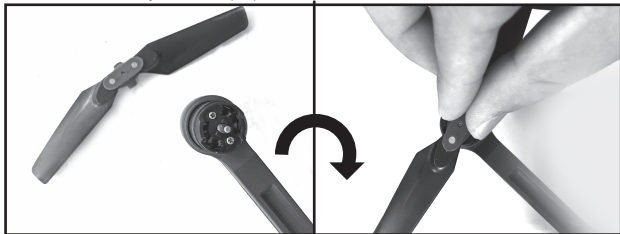
—The other pair , marked with II, will rotate anti-clockwisely.



Press down the propellers, and rotate them until they are secured. (See the photos below)

Note: Clockwisely rotate the propellers marked with II.

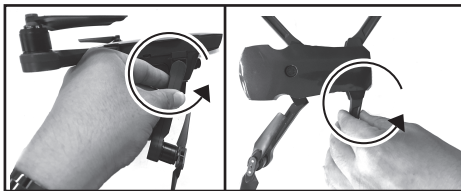
Anti-clockwisely rotate the propellers marked with O.



Unstalling The Propeller:

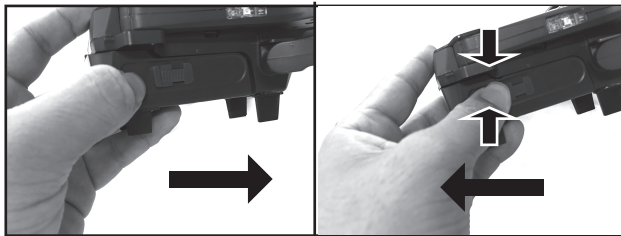
Press down the propellers, rotate them until they are loose, and take them out.

2) Extending the arms in the illustrated directions until they are snapped onto the shell.



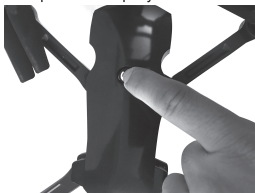
Be careful to handle it to avoid damage.

3) Battery Installation: Insert the battery pack into the battery compartment until it is secured. (Following the direction as illustrated in the photos below.)



4) Binding Process:

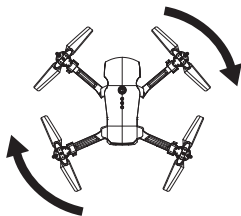
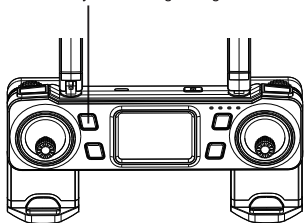
Switching on quadcopter: Press and hold the power button (as shown in the photo), and the LEDs on quadcopter flash rapidly.



After the aircraft is started, press and hold the remote control switch for 5S to turn on Remote control, remote control screen displays battery power of aircraft
The frequency matching is successful
(Note: start the aircraft first and then the remote control)

(5) Geomagnetic correction

Press this key 3 to enter geomagnetic calibration mode

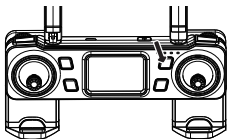


Then put the aircraft in the horizontal position, and then the tail light of the aircraft Long light, then turn the aircraft clockwise for three times, and then fly. The tail light of the device flashes slowly to complete the geomagnetic calibration.

(6) first use of calibration level

Put the aircraft on the horizontal ground at rest, press it two times quickly, and make horizontal correction.

When there is no GPS, the indicator light flashes slowly.
When GPS is available, the indicator light will turn on.



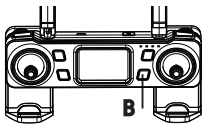
Note: Repeat the above operation if calibration fails.

7) Fly Mode

GPS point orientation performs as the default mode when GPS are in good signal condition.

8) Flying Speed

Flying speed is switchable. Press Button B to obtain the different speeds. (Slow/Middle/Fast)

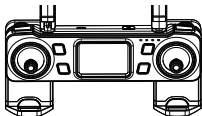


9) GPS Mode

GPS searching should be operated when you intend to play outdoors. This may last 1-2 minutes before the searching operation is completed. And send out the prompt tone of "Di"



(Strong Signal is Number 10 +)



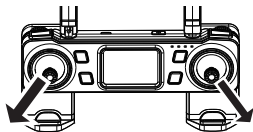
Preparing For Taking-off

1) Lock /Unlock

Place the quadcopter on a plane level.

To unlock : Pull the two rods outwards. The transmitter gives off one beeping sound and then the quadcopter is ready to fly.

To lock: Pull the two rods inwards.

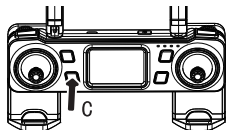


2) One -Key Taking-off

Make sure the quadcopter is unlocked. Shortly press button C

(One-Key taking-off) three times, release the button until the transmitter goes one beeping sound.

The quadcopter will automatically take off.

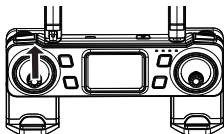


Button C(One-Key taking-off)

3) Manual Taking-off

Unlock the quadcopter. Pull the throttle rod as shown to enable it to ascend gently.

Centre the throttle rod when the quadcopter reaches the desired height.

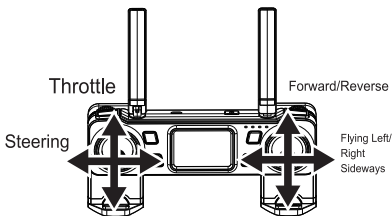


Flying Operation

1) General Operation

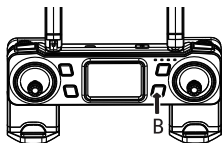
Push or pull the throttle/steering rod to ascend or descend. Flip throttle/steering rod to the left or to the right to steer.

Push or pull the Direction Rod to fly forwards or backwards. Turn the Direction Rod to the right or to the left to fly left/right sideways.



Mode 1/ Mode 2 Exchange (left or right hand throttle)

Left and right hand switch: long press the B function key, and then turn on the remote control. The power supply, the rocker to the left, is the left accelerator. Turn the rocker right to the right accelerator, and then press B to save.



Landing

1) Manual Landing:

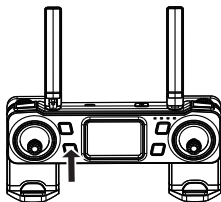
Gently pull the throttle/steering rod down to descent. The quadcopter will be automatically locked up after landing.

2) One-Key Landing Mode:

Press One-Key Landing three times and transmitter goes one beeping sound. One-Key Landing Mode will be performed.

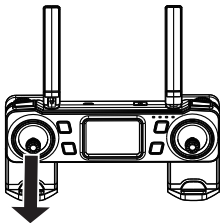
3) One-Key Return

Press One-Key Return button to call back the quadcopter. The quadcopter will be automatically locked up after landing. Limitations:



4) Switch off quadcopter and transmitter when not in use.

Press and hold the Power Button to switch off the power. (both on quadcopter and on transmitter.)



Low Battery Alarm on Transmitter:

Battery power is sufficient : Low Battery Voltage LED is off

Battery power is insufficient : Low Battery Voltage LED is on .

Transmitter goes beeping sounds

alarming low battery voltage is detected. When it happen,
please replace with the new batteries.

Safety Information

1) Fail Safe:

The quadcopter will return automatically as long as failure occurs.

Under this condition, the transmitter gives off long-time being sounds.

Pressing and holding One-Key button will resume and you can take over by transmitter to operate it.

2) Low Battery Power Return

The quadcopter will return when low battery power is detected. Pressing and holding One-Key button

will resume and you can take over by transmitter to operate it.

3) Leaning-Flying Prevention

The quadcopter will be automatically switched off once it leans over 80 degrees.

Charging Battery Pack

Take out the battery pack from the quadcopter. Connect the battery pack with the USB charger

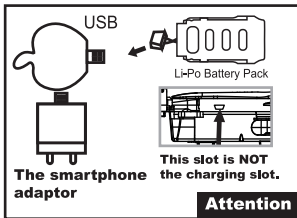
Provided in the package.

Charging : Green LED flashes slowly.

Fully charged: Green LED is solid on.

Circuit Indication: Red LED flashes slowly.

Note: The USB can be connected with the smartphone adaptor (Output: 1-2A) to reduce the charging time into 3.5-4 hours.



1.INTRODUCTION

Thank you for purchasing our brushless drone. We know that you are eager for the flight. However, we strongly recommend that you read and understand all instructions in the manual before flying. Keep this manual handy for future reference.

1)General Safety Information

- A) This is not a toy but an authentic hobby product. Careful calibration and correct installation is a must before you operate this product. We do not assume any damage which result from incorrect installation, calibration and operation. Always seek the help with the experienced operator for the calibration and installation.
- B) The operator must be an experienced user. People under 14 years is not allowed to operate.
- C) Flight must be handled in an open area where it is legal for flying the product.
- D) Always make contact with the local dealers for after-sale service if necessary.
- E) Keep away from the crowd people when you fly the product.
- F) Do not touch the rotating parts.
- G) Make care of yourself and others around you to avoid injuries.

2)Operation Information

- A) Verify that both your radio controller and product are of enough battery power before flying.
- B) The throttle rod and the throttle trim must be set to low position before switching on the radio controller.
- C) Start flying: Always switch on the radio controller and then the product.
Stop flying: Always switch off the product and then the radio controller.
- D) Check all the connectors and the wires before flying.
Repair or replace with the new ones if necessary.
The loose connectors will cause the product to lose power while flying.



E) Keep away from people and buildings

The flight can be unexpected and dangerous. Make sure that you keep away from people and buildings. Failure to do so will lead in the damages and injuries. We wrongly recommended that you should NOT fly on a windy and windy day. Stop flying immediately it gets bad weather.

We wish you a pleasure and safe flight.

F) Keep away from water

The product contains high-precision electronic parts. Take care to keep away from water. Moisture getting in will do damage to the electronic parts.

G) Keep away from high-voltage lines

H) Use ONLY factory parts

I) We do not recommend that you operate the product alone if you are a novice operator.

A novice operation can ONLY operate the product under the experts' supervision.

Always seek the help with the experienced operators.

J) Do NOT operate the product when you are tired. Careless operation will unexpectedly cause the serious damages and injuries.

K) Do not expose the product to heat source. Failure to do so will damage your product.

After flying you must clean and store your product in a dry place away from moisture.