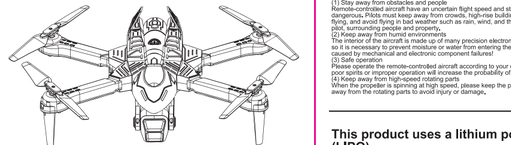
FOR AGES
14+

Folding flying machine
User manual



2.4GHZ EDMON

Please read the instructions carefully before use (please read the details and warnings carefully), and keep this manual for future reference.

Scan the QR code for more drone videos

Important safety information

(1) This product is not a toy, but a precision device that integrates mechanical, electronic, aerodynamic, high-frequency transmission and other professional knowledge. It requires proper assembly and debugging to avoid accidents. The holder of this product must operate and control it in a safe manner. Improper operation may cause serious personal injury or property damage. We are not responsible for this, because we have no control over the assembly, use or operation process.
(2) This product is suitable for people aged 14 and over with experience of operating models.
(3) Please fly in open areas away from easily recognized remote control model flying sites in the area.
(4) Once the product has been sold, we will not be responsible for any safety issues arising from operation, use or control.
(5) In the event of problems with use, operation or maintenance, we entrust the dealer with providing technical support and after-sales service. Please contact your local dealer.

Safety Precautions

Remote control model aircraft are highly dangerous products, and must be flown away from people.
Improper human assembly or damage to the aircraft, poor electronic control equipment, and lack of operating experience can all lead to unpredictable accidents such as damage to the aircraft or personal injury. Pilots must pay attention to safety and understand that they are responsible for accidents caused by their own operations.
(1) Stay away from obstacles and people
Remote-controlled aircraft have an uncertain flight speed and state during flight, and are potentially dangerous. Pilots must keep away from crowds, high-rise buildings, high-voltage power lines, etc., while flying, and avoid flying in bad weather such as rain, wind, and thunderstorms, to ensure the safety of the pilot, surrounding people and property.
(2) Keep away from humid environments
The interior of the aircraft is made up of many precision electronic components and mechanical parts, so it is necessary to prevent moisture or water from entering the aircraft, so as to avoid accidents caused by mechanical and electronic component failures!
(3) Safe operation
Please operate the remote-controlled aircraft according to your own condition and flying skills. Fatigue, poor spirits or improper operation will increase the probability of accidents.
(4) Keep away from high-speed rotating parts
When the propeller is spinning at high speed, please keep the pilot, surrounding people and objects away from the rotating parts to avoid injury or damage.

This product uses a lithium polymer battery (LIPO)

Lithium batteries differ from normal batteries in that they have a thin layer of tin foil wrapping their chemicals. This makes them much lighter, but also more fragile in the face of rough or inappropriate handling. As with all batteries, inappropriate handling can lead to fire or explosion.

- Do not charge the battery in the model, as this may cause the battery to catch fire and damage your aircraft.
- If you do not plan to use the product for a week or longer, please let the battery retain 50% of its power to increase the battery's lifespan.
- To do this, simply charge the battery for half the time it would take to fully charge the battery. Please use the original professional charger to charge the battery.
- Do not charge the battery on a carpet to prevent fire.
- Lithium batteries need to be charged after being stored for more than three months to maintain the voltage and ensure their proper lifespan.

Instructions for installing and charging the remote control and aircraft batteries

Remote control battery installation:

Insert the batteries correctly (+/- as indicated by the battery compartment)
As shown in the illustration.

Aircraft battery charging

1. Connect the USB cable to the computer for charging:
USB charging end connects to the battery plug of the aircraft, and the other end can be connected to the USB port of the computer to charge the battery, the light is on when charging, and the light is off when full.
2.Connect the power supply of the aircraft.
Load the charged battery into the electric socket of the aircraft, and then align the battery plug with the power input socket on the aircraft for power connection, after connecting, open the power supply of the aircraft to turn on the light, at this time, the lights of the aircraft light up.

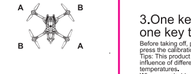
Vehicle installation

1.Folding function display

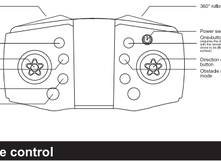
When folding, please fold the back spreader arm first, and then fold the front spreader arm to unfold the side opposite!

2. Flying machine wind blade installation

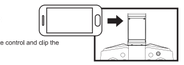
Please install the propeller in the correct direction, marking A on the propeller is installed on the upper left and lower right spreader arms of the craft, and the same, marking B on the propeller is installed on the upper right and lower left spreader arms of the craft, when installing, please align the wind blade clamps on the square fittings of the nine wheel assembly, and lock the screws after installing in place!



Remote control function name



Remote control



1. Mobile phone hangers

Pull out the bracket of the remote control and clip the mobile phone

2.2.4G pair frequency

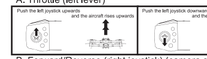
Switch on the power switch of the aircraft, Place the aircraft on a flat surface, the aircraft indicator light is flashing, turn on the remote control power switch, the buzzer prompts 'drop' sound! The indicator light of the aircraft will light up, the frequency pairing is completed, then you can take off

3.One key to take off and one key to land.

Before taking off, put the drone on the level ground and press the calibration button
Tips: This product is set by the barometer, due to the influence of different factors such as various ambient temperatures.
When you start to fly or when the voltage is low, the drone will automatically change its height, are normal phenomena.

4. Flight control

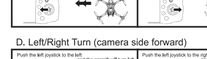
A. Throttle (left lever)



B. Forward/Reverse (right joystick) (camera side is forward)

C. Left and Right Side Flying

D. Left/Right Turn (camera side forward)



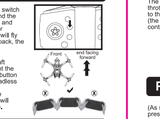
5. Fine-tuning control (front on camera side)

Instructions for installing and charging the remote control and aircraft batteries

When you press and hold the button (as shown in the figure) to switch to headless mode, the lights on the aircraft will start flashing, and the aircraft will give up its own front, back, left and right orientation, and re-orient itself using the remote control as a reference point. For example, when the right joystick is pushed forward, the aircraft will fly away from the remote control, when the right joystick is pulled back, the aircraft will fly towards the remote control.

1. Direction definition before takeoff: Point the front of the aircraft directly at your front (the side with the camera is the front), Point the remote control directly at the back of the aircraft and press the button once to take off, which completes the direction definition for headless mode.

2. During flight, the remote control will emit two beeps when the headless mode button is pressed, and the lights on the aircraft will flash rapidly, which indicates that it has entered headless mode.



Take-off, emergency stop, landing at the touch of a button

When you press the next button briefly to take off, the aircraft will automatically take off. This function can be stopped by moving the right joystick.
Pressing the button again will cause the aircraft to make an emergency stop, and pressing it again will cause the aircraft to automatically land.

Obstacle avoidance mode

Short press to turn on obstacle avoidance mode, the vehicle will automatically avoid obstacles when approaching objects.

Gyro effect

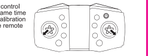
Click to turn on the gyro correction, (The drone needs to be placed on a flat surface and aligned with the remote control for frequency calibration)

One-touch rollover

Press the left joystick to make the aircraft roll to the left
Press the right joystick to make the aircraft roll to the right

Aircraft calibration

The method as shown in the figure, the aircraft remote control throttle joystick and the direction of the joystick at the same time to the left and right lower corner of the tilt, the aircraft calibration (the drone needs to be placed on a flat surface with the remote control frequency calibration)



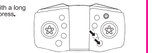
Photo/video

(As shown in the figure) Button 1 is for taking photos with a long press, and button 2 is for recording videos with a long press.

Troubleshooting guide

Problem	Cause	Solution
After connecting the aircraft battery, the aircraft flashes continuously and the buzzer gives an unresponsive	The remote control and the aircraft have not been paired successfully	Please reexecute the pairing action between the remote control and the flying saucer
After connecting the aircraft battery, the aircraft does not respond in any way	1. Check whether the remote control and the aircraft are powered on 2. Check whether the remote control and the aircraft are paired 3. Is there poor contact between the positive and negative battery terminals	1. Turn on the remote control and insert the battery. 2. Use a fully charged battery. 3. Reinsert the battery and make sure that the battery is in proper contact with the battery's positive and negative terminals.
When the throttle control is pushed up, the motor does not turn and the indicator light on the aircraft starts flashing	The aircraft lithium polymer battery is low on power	Charge the battery until it is replaced with another fully charged battery
The main rotor of the aircraft keeps turning, and cannot take off	1. The main rotor is deformed 2. The aircraft battery is low on power	1. Replace the main rotor 2. Charge the battery or replace it with another fully charged battery
The aircraft vibrates a lot	The main rotor is deformed	Replace the main rotor
The aircraft moves forward or backward at will	The gyro centre point is incorrect	You can put the remote control into automatic calibration mode or restart it to reestablish the signal.
The aircraft loses balance after falling and cannot fly	The gyro centre point is incorrect	You can put the remote control into automatic calibration mode or restart it to reestablish the signal.

Names of the main parts of the product



EU Declaration Conformity

Hereby, Shantou Youcheng toy Technology Co., Ltd declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), This product is allowed to use in all EU member states.

CE

The device can operate in EU Member State without restricted.

RF Exposure Statement

This device complies with CE RF exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This device can operate without distance restriction between the radiator and user body.

Warnings

1.Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

2.Plug the adapter power socket in 100-240VAC socket, others may cause charger exploding or damage the machine. The plug considered as disconnect device of adapter.

3.Do not store the device in temperatures lower -20 ℃and higher than 60 ℃

4.The safety operating temperature of this device is 0 ℃-25 ℃.

Technical description:

Frequency Range: 2.4G SRD： 2400 MHz to 2483.5 MHz

Transmit Power: 2.4G SRD： --5.48 dBm EIRP

FCC Statement

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 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.

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

FCC Radiation Exposure Statement

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The device can be used in portable exposure condition without restriction