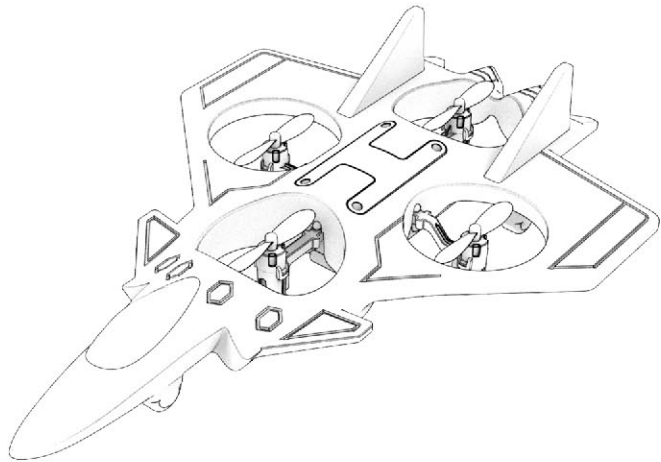


14 AGES AND UP

QUADCOPTER INSTRUCTIONS



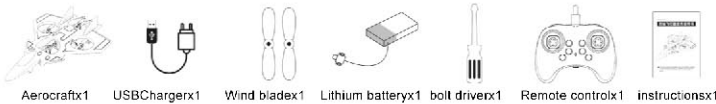
- To ensure the requirements of the electromagnetic environment for aviation radio stations, it is prohibited to operate on both sides of the airport runway centerline. Within a range of 10 kilometers and 20 kilometers at each end of the runway, as well as civil aviation routes and routes. Stop using various models Type, drone. Stop using various models in the no fly zones issued by relevant national departments UAV.

WARNING

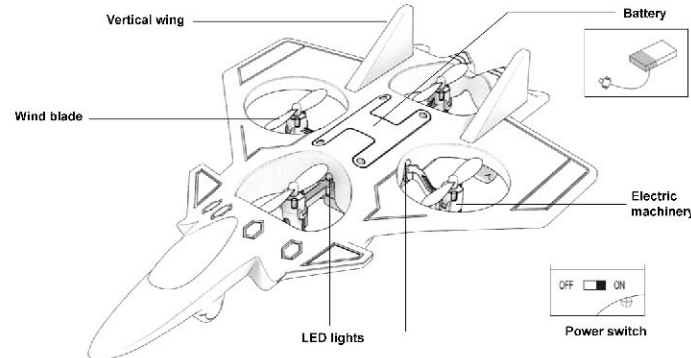
1. The packaging and instructions contain important information and should be retained.
 2. You are responsible for ensuring that this aircraft will not cause harm to others' personal or property.
 3. When debugging and installing the aircraft, it is necessary to strictly follow the operating instructions, and pay attention to maintaining a distance of 2-3 meters between the aircraft and the user or other people during flight to avoid hitting people's heads, faces, and bodies during flight or landing, which may cause injury.
 4. Our company and the seller are not responsible for any loss, damage, or bodily injury caused by improper use or operation.
 5. Children should be guided by adults when operating aircraft, and this product is prohibited for children under 14 years old.
 6. Please follow the instructions or packaging instructions for correct installation and use, and some parts should be assembled by adults.
 7. The product contains small parts, please keep them out of reach of children to prevent the risk of accidental ingestion or suffocation.
 8. It is strictly prohibited to play on the road or in areas with accumulated water to avoid accidents.
 9. Please promptly put away the packaging materials to avoid causing harm to children.
 10. Do not disassemble or modify the aircraft as it may cause malfunctions.
 11. The charging cable should be inserted into the designated power supply 5V-2A that matches the product label.
 12. Using other charging cables can cause battery damage and may pose an unexpected danger.
 13. Charging cables are not toys.
 14. When charging a rechargeable battery, it must be done under the supervision of an adult, and flammable materials must be kept away during charging. The guardian should not leave the monitoring area during charging.
 15. Please do not short-circuit or squeeze the battery to avoid explosion.
 16. Do not mix different types of lithium batteries.
 17. The aircraft uses rechargeable lithium batteries, which need to be unplugged for charging.
 18. Do not short-circuit, disassemble or put the battery into fire. Do not place the battery in high temperature or hot places (such as in a fire or near an electric heating device).
 19. Aircraft should be used as far away as possible from other electrical equipment and magnetic objects, as they may cause mutual interference.
 20. Please maintain a safe distance from the high-speed rotating propeller to avoid the risk of twisting or cutting.
 21. The motor is a heating component, please do not touch it to avoid burns.
 22. Light emitting diode laser radiation, do not direct the beam directly.
 23. Do not use the model near your ears! Misuse may lead to hearing loss.
 24. The USB charging cable must use the data cable provided by our company to charge the battery, otherwise it may cause serious damage to the battery and even pose a danger of accidents.
- To ensure the requirements of the magnetic environment for aviation radio stations. During the period when relevant national departments issue radio control orders, the use of model remote controllers should be stopped within the district as required.
26. When the aircraft battery is fully charged, be sure to turn off the switch and unplug the battery. Wait for 30 minutes before charging, otherwise it may cause battery damage.

01

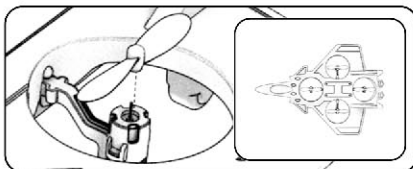
1. INCLUDES ACCESSORY LIST:



2. NAMES OF VARIOUS PARTS OF THE AIRCRAFT:



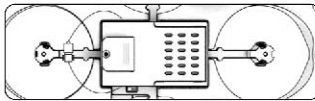
3. FAN BLADE INSTALLATION DIAGRAM:



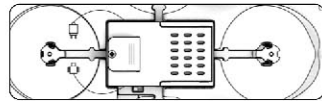
Pinch the small cap in the middle of the fan blade and remove it. When replacing it, align it with the motor shaft and press it down, being careful not to deform.

⚠ Attention: The fan blades are marked with letters A1, A2, B1, B2, A1=A2, B1=B2. Please install them correctly according to the diagram, otherwise they cannot take off.

4. INSTRUCTIONS FOR CHARGING LITHIUM BATTERIES:



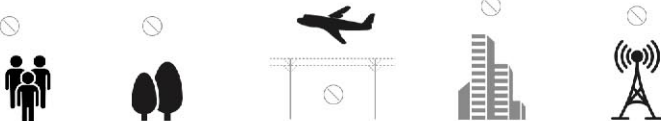
4.1 Slide up according to the diagram to turn on the battery.



4.2 Disconnect the aircraft from the battery power interface and remove the battery.

02

7. PRE FLIGHT ENVIRONMENTAL REQUIREMENTS:



Please choose to fly in an outdoor open environment without wind or snow, with low wind speed. When flying, please stay away from crowds, trees, and power lines. Tall buildings, airports, and signal transmission towers, etc. Do not fly in indoor environments that are too small or have too many things.

8. PRE FLIGHT PREPARATION INSTRUCTIONS (USING REMOTE CONTROL OPERATION):

8.1 Turn on the power supply of the aircraft and place it in the On the horizontal plane, the aircraft placed on the horizontal plane at this time. Automatically enter the frequency matching state, and the body indicator light flashes.

⚠ Attention: Turn the plane in the right direction, with the nose facing straight ahead. Be sure to place it on a level ground.

8.2 Start searching for the matching frequency. If the matching frequency is successful, the remote control and helicopter indicator lights will remain on. If the matching frequency is successful, various functional operations will be carried out.

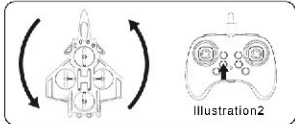
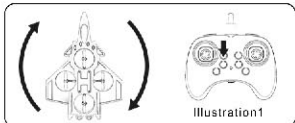
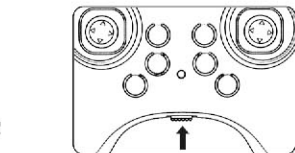
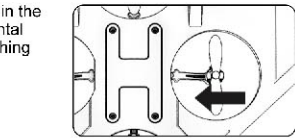
⚠ The aircraft/remote control must ensure sufficient power, otherwise it cannot take off!

8.3 Horizontal calibration operation:

During flight, the helicopter may rotate to the right or left without pilot input. To correct this issue, you need to adjust the balance.

When the airplane automatically turns left, press this button continuously (as shown in Figure 1) to correct the airplane so that it no longer rotates continuously.

When the airplane automatically turns right, press this button continuously (as shown in Figure 2) to correct the airplane so that it no longer rotates continuously.



04

8.4 Start/Stop

Push the joystick on the remote control upwards (as shown in Figure 3), and the aircraft can take off normally. After takeoff, all indicator lights of the aircraft will remain on. During the flight, long press the emergency stop button (as shown in Figure 4) to stop the aircraft from flying.

⚠ Note: This function operation is only suitable for aircraft in a state of loss of control. Under normal circumstances, it is recommended to lightly press the one key takeoff/landing button.



Illustration3



Illustration4

8.5 One click takeoff and landing After completing the frequency matching, lightly press the "One Click Takeoff/Landing" function button on the remote control (as shown in Figure 5), and the aircraft will automatically ascend to an altitude of about 2 meters, maintaining a stable flight at this altitude. When you lightly press this function key again, the aircraft will automatically land slowly.

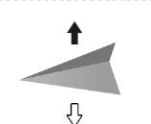


Before takeoff, please follow the above sequence of steps to operate the remote control aircraft: Open (refer to 8.1) → Remote control starts frequency matching (refer to 8.2) → Horizontal calibration (refer to 8.3) → Start/Stop (refer to 8.4) → One click takeoff and landing (refer to 8.5)



Illustration5

9. INTRODUCTION TO REMOTE CONTROL FUNCTION CONTROL:

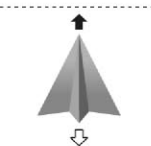


Push the remote control joystick forward to raise the aircraft, Pull the remote control joystick to lower the aircraft.

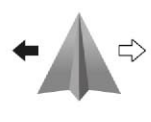


Push the joystick of the remote control to the left and turn the head of the aircraft to the left, Push the remote control joystick to the right and turn the aircraft's head to the right.

05



Push the remote control joystick forward to fly the aircraft forward, and pull the remote control joystick backward to fly the aircraft backwards.



Push the remote control joystick to the left to fly the aircraft to the left, and push the remote control joystick to the right to fly the aircraft to the right.

9.2 One click 360° Roll

This aircraft can perform 360 degree flight through the joystick operation below. In order to better perform the rolling function and ensure that the aircraft and ground maintain a height of about 1.5 meters, it is best to operate the aircraft to roll during the ascent process, so that it is easier to maintain altitude after rolling.

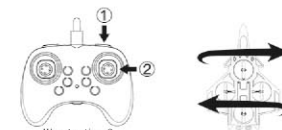


Illustration6

360° rolling When hovering, briefly press remote control ① and press either direction key ② to roll the aircraft forward, backward, left, or right.

9.3 Speed switching

When the aircraft takes off, it defaults to low-speed mode (3-speed switch), short press remote

The left directional key on the controller (as shown in Figure 7) indicates low gear with a 'di' sound, medium gear with two 'di di' sounds, and high gear with three 'di di di' sounds.

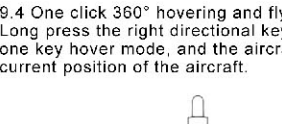
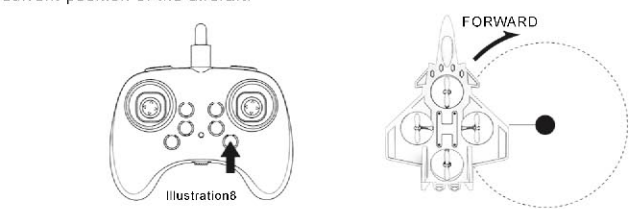


Illustration8

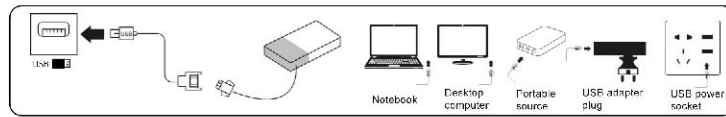
9.4 One click 360° hovering and flying Long press the right directional key on the remote control (as shown in Figure 8) to enter one key hover mode, and the aircraft nose will hover with a fixed radius based on the current position of the aircraft.



Illustration7



06



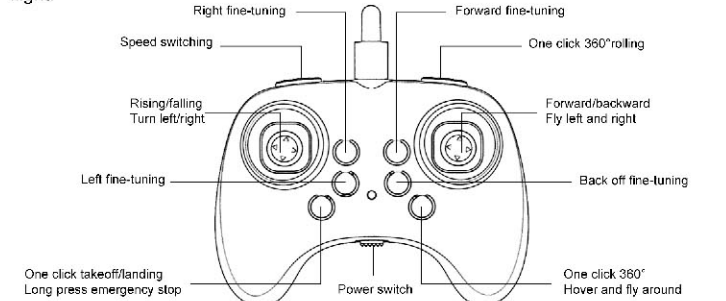
4.3 Charging: insert the USB port of the USB charging cable into the computer's USB port (or use a 5V-2A power adapter), and connect the other end of the USB charging cable plug to the battery socket. When charging, the indicator light on the USB charging cable stays on, and it turns off when charging is complete.



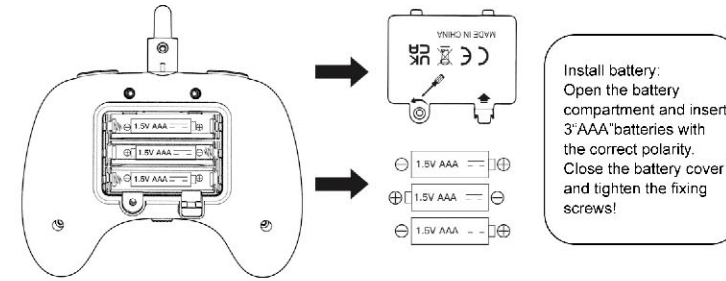
The aircraft charging cable provided by our factory must be used for charging, and other charging cables cannot be used for charging. Remember to avoid the danger of accidents.

5. NAMES OF REMOTE CONTROL PARTS:

Mode: The left joystick corresponds to the aircraft's ascent/descent and left/right turn, while the right joystick corresponds to the aircraft's forward/backward and left/right side flight.

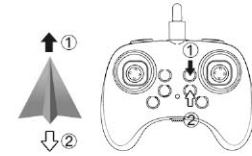


6. REMOTE CONTROL BATTERY INSTALLATION:

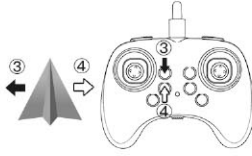


03

9.5 Fine tuning function



1. Fine adjustment of aircraft forward/backward when the aircraft leaves the ground: When the aircraft deviates towards the rear, continuously press the up arrow key ① for fine adjustment. When the aircraft deviates forward, continuously press the down arrow key ② to make fine adjustments.



2. Fine tune the left/right side of the aircraft when it leaves the ground: When the aircraft deviates to the right, continuously press the left directional key ③ to adjust. When the aircraft deviates to the left, continuously press the right directional key ④ for fine adjustment.

9. INTRODUCTION TO REMOTE CONTROL FUNCTION CONTROL:

PROBLEM	REASON	RESOLVENT
The aircraft indicator light flashes and there is no response to the operation	Low battery level	Charge the battery
Aircraft blades rotate but cannot fly	1. Insufficient battery power 2.1 Blade deformation 2.2 AB blade installation error	1. Charge the battery 2.1 Replacing propeller blades 2.2 The fan blades are marked with A,B, and the letter A. If the fan blade is damaged, replace it with A. If the fan blade is damaged, replace it with B.
The aircraft is shaking violently	Blade deformation	Replace the propeller blade
Fine tuned to the end, but still unable to make the aircraft smooth	1. Blade deformation 2. Motor malfunction	1. Replace the blade 2. Replace the motor
After the impact the aircraft was restarted and flew uncontrollably	Three axis acceleration sensor loses balance due to impact	Let the aircraft sit still for 5-10 seconds or calibrate it horizontally. The steps can refer to the manual section 8.3 Horizontal Calibration Operation.

07

FCC Warning

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.

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

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.

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