FCC Compliance Statements
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 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.
Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This equipment complies with FCC radiation 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.

Instruction Manual for PK01

(V1.0 Version)

Please read this instruction manual in its entirety before use (read the details and warnings carefully), and keep this instruction manual for future reference.

Important Safety Information

(1) This product is not a toy. Instead, it is a precision device that integrates expertise in mechanics, electronics, aerodynamics, and high - frequency emission. Correct assembly and debugging are required 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 shall not be liable for any such consequences. Because we cannot control the processes of assembly, use, and operation.
(2) This product is suitable for people who have experience in operating models and are not younger than 14 years old.
(3) The flying site must be a legally recognized remote - control model flying site in the local area.
(4) Once the product is sold, we shall not be liable for any safety responsibilities arising from operation, use, control, etc.
(5) In case of problems such as use, operation, and maintenance, we entrust distributors to provide technical support and after - sales service. Please contact the local distributor.

2. Safety Precautions

Remote - control model aircraft are high - risk commodities. During flight, stay far away from crowds. Improper assembly, damage to the aircraft body, poor electronic control equipment, and unfamiliarity with operation may all lead to unpredictable accidents such as damage to the aircraft or personal injury. Pilots must pay attention to safety and need to understand the responsibility for accidents caused by their own negligence.
(1) Keep away from obstacles and crowds
When a remote - control aircraft is flying, it has an uncertain flight speed and state, and there are potential dangers. During flight, it must stay away from crowds, high - rise buildings, high - voltage wires, etc. At the same time, avoid flying in adverse weather conditions such as wind, rain, and thunderstorms to ensure the safety of the pilot, the surrounding crowds, and property.
(2) Keep away from humid environments
The interior of the aircraft is composed of many precise electronic components and mechanical parts. Therefore, it is necessary to prevent the aircraft from getting wet or water vapor from entering the aircraft to avoid malfunctions of mechanical and electronic components and subsequent accidents!
(3) Safe operation
Please operate the remote - control aircraft according to your own physical condition and flight skills. Fatigue, poor mental state, or improper operation will increase the probability of unexpected accidents.
(4) Keep away from high - speed rotating parts
When the propeller is rotating at high speed, pilots, surrounding crowds, and objects should stay away from the rotating parts to avoid danger and damage.

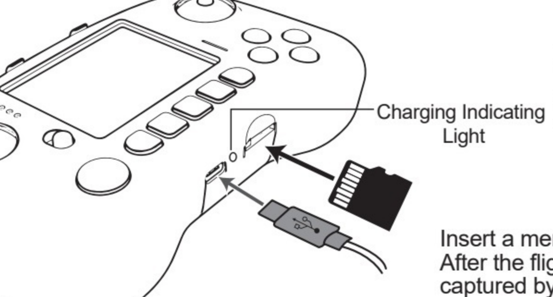
This product uses a lithium - polymer battery (LIPO)

Lithium - polymer batteries are different from ordinary batteries. They have their chemical substances wrapped in a thin layer of aluminum - plastic film. This can greatly reduce their weight, but it also makes them more vulnerable to rough or improper operation. Just like all batteries, improper operation may cause fire or explosion.

⚠
- Do not charge the battery while it is in the model, as this may cause the battery to catch fire and damage your aircraft.
- If you do not plan to use this product for a week or longer, please leave the battery with 50% (battery level). This can extend the service life of the battery. To leave the battery with 50% battery level, you only need to charge it for half of the time required to fully charge the battery.
- Please use the original - equipped professional charger to charge the battery.
- Do not charge on the carpet to prevent fire.
- If a lithium - polymer battery has been stored for more than three months, it needs to be charged to maintain the voltage and ensure its proper service life.

Instructions for Installing and Charging the Remote Control and Aircraft Battery

Charging the Remote Control

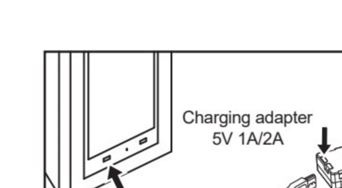


Charging the Remote Control
1.Insert one end of the USB charging cable into the remote control's charging port and the other end into a power source.
2. The red indicator light on the remote control will turn on during charging and turn off when fully charged.

Insert a memory card to store photos and videos.
After the flight, use the provided card reader to read the content captured by the memory card on a computer.

Charging the Aircraft Battery

1. Connect one end of the USB charging cable to the power port of the adapter, and then connect the other port to the battery charging port. When charging correctly, the red light on the battery will stay on.
2. When charging, the red light on the battery is on, and it will go off when fully charged.



Installing the Aircraft Battery

1. Install the battery module in the direction shown in the diagram into the fixed position of the drone battery compartment. (Diagram 1)
2. Installed. (Diagram 2)

Diagram 1

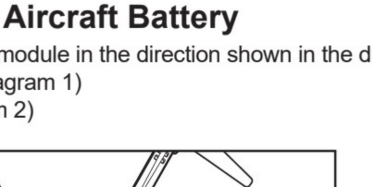
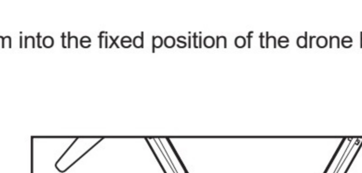



Diagram 2


Aircraft Installation

1. Demonstration of Folding Function

When folding, first fold the rear arms, and then fold the front arms. The unfolding process is the opposite!

2. Propeller Replacement Method

1. Please ensure all propellers are installed in the correct direction as shown in the diagram below. If installed incorrectly, the aircraft won't fly properly. (Diagram 1)
2. Installed. (Diagram 2)

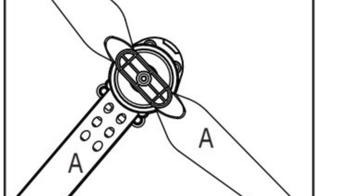
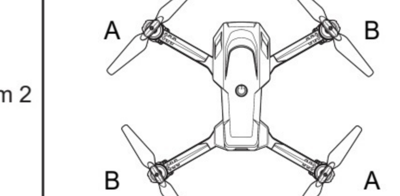
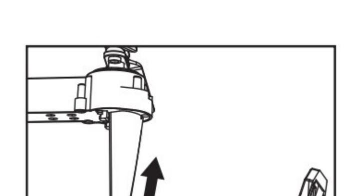
Diagram 1


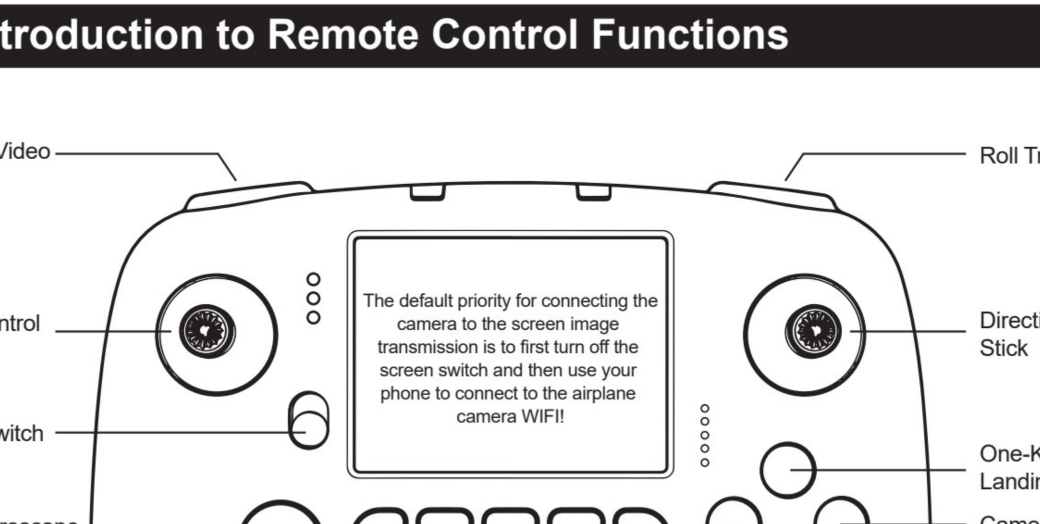
Diagram 2


3. Protective Cover Installation Method

1.Install the propeller guard at the bottom of the motor frame.



Introduction to Remote Control Functions

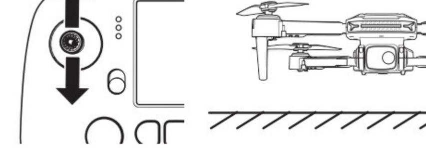


⚠ **Note: Insert a memory card to take photos/record videos.**

Remote Control Operation

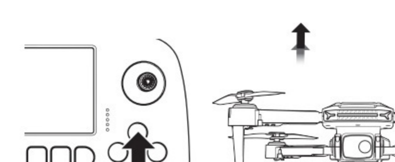
1. 2.4G Frequency Pairing

Turn on the aircraft's power switch. Place the aircraft on a flat ground. At this time, the aircraft's indicator light will flash. Turn on the remote control's power switch; the buzzer will beep "Di". The aircraft's indicator light will stay on. Frequency pairing is completed, and then you can take off.



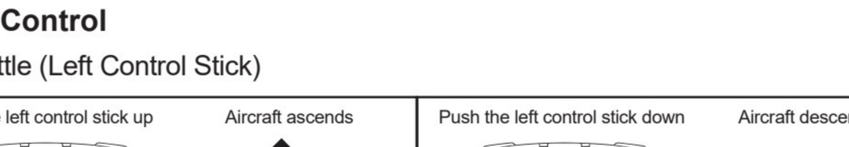
2. One - Key Takeoff and One - Key Landing

Tip: This product uses air pressure for altitude hold. Due to factors such as different ambient temperatures, it is normal for the aircraft to have altitude changes when starting to fly or at low battery voltage.

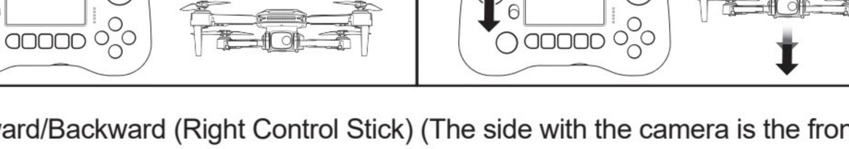


3. Flight Control

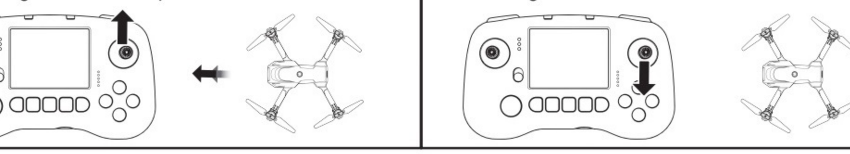
A. Throttle (Left Control Stick)



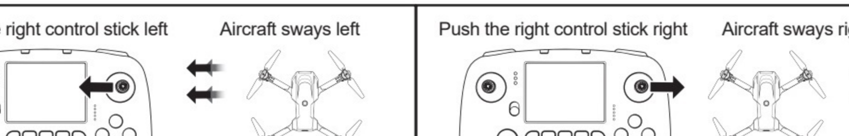
B. Forward/Backward (Right Control Stick) (The side with the camera is the front)



C. Left/Right Side - Sway

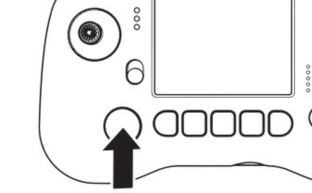


D. Left/Right Turning (The side with the camera is the front)

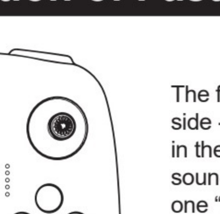


Horizontal Reset

When the aircraft drifts in a certain direction or rotates in place during flight, you can use the horizontal calibration function to calibrate the aircraft. Place the aircraft on a horizontal surface, press the calibration button on the remote control. When the remote control emits a "beep" sound, the aircraft lights will flash. Wait for about 3 seconds until the aircraft lights stay on, and the calibration is completed.

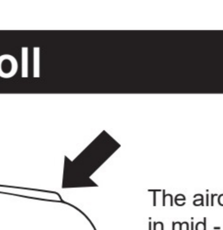


Selection of Fast, Medium, and Slow Gears



The fast, medium and slow gears divide the forward, backward, and left - right side - flying into three speed levels. After the remote control is powered on, it is in the slow gear by default. Press the button on the remote control; if it emits two "beep" sounds, it is in the medium gear. Three "beep" sounds mean it is in the fast gear, and one "beep" sound returns to the slow gear. (It is recommended that beginners use the slow gear for operation)

3D Roll

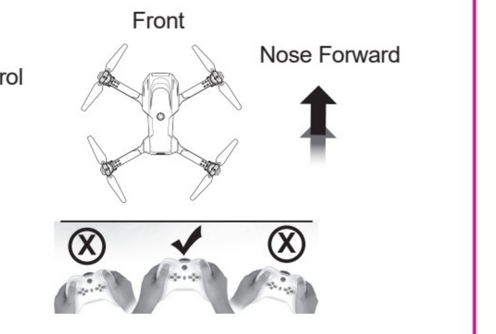


The aircraft can perform 360 - degree roll special actions in mid - air. First, fly the aircraft to a height of 2 - 3 meters. Press the button on the right side of the remote control once; the remote control will emit "beep", "beep", "beep" sounds. At this time, just push the right joystick on the remote control randomly, and the aircraft will perform a 360 - degree roll action in the direction you push.

Direction Definition and Mode Selection of Headless Mode

Press and hold the headless mode button on the remote control for five seconds to activate headless mode. In this mode, the drone's flight direction corresponds directly to the control direction of the remote control, regardless of the drone's own nose orientation. For example, no matter which direction the drone's nose is facing, when you operate the remote control to the right, the drone will fly to the right, and to the left, it will fly to the left.

1. Direction definition before takeoff: Align the forward direction of the aircraft (the side with the camera is the front) with your front. Point the remote control at the tail of the aircraft, then press the one - key takeoff button. Thus, the direction definition for the headless mode of this flight is completed.
2. During flight, press the headless mode button. The remote control will emit two "beep" sounds, and the aircraft lights will flash rapidly, entering headless mode.



Troubleshooting Guide

Problem	Cause	Solution
After inserting the aircraft battery, the indicator on the drone flashes continuously and there is no response to operations	The remote control and the aircraft failed to pair	Re - perform the pairing operation between the remote control and the drone
After inserting the drone battery, the aircraft has no response	1. Check if the remote control and the drone are powered on 2. Check if the batteries of the remote control and the drone are low 3. Check if the positive and negative poles of the battery are in poor contact	1. Turn on the remote control and insert the drone battery to power on 2. Use a fully charged battery 3. Reinsert the battery and check if the contact between the battery and the positive and negative poles is normal
When pushing the throttle stick, the motor doesn't rotate and the indicator on the drone starts flashing	The lithium - polymer battery of the drone is low	Charge the battery or replace it with another fully charged battery
The main rotor of the drone rotates continuously but cannot take off	1. Main rotor deformation 2. The drone battery is low	1. Replace the main rotor 2. Charge the battery or replace it with another fully charged battery
The drone vibrates severely	The main rotor is deformed	Replace the main rotor
The drone still moves forward or backwardy	The gyroscope mid - point is incorrect	Perform horizontal reset on the remote control or restart the device and re - pair
The drone loses balance and cannot fly after takeoff	The gyroscope mid - point is incorrect	Perform horizontal reset on the remote control or restart the device and re - pair
After inserting the battery, the tail indicator of the drone still flashes continuously and there is no response to remote control operations	The drone and the remote control failed to pair successfully	Restart the drone and the remote control, and perform the pairing operation again
After inserting the battery, the tail indicator of the drone still flashes continuously and there is no response to mobile app operations	The mobile phone failed to connect to the drone's WiFi	Restart the drone, disconnect the drone's WiFi on the mobile phone, and reconnect
After inserting the battery, there is no response when starting the drone	1.The drone battery may not have enough power 2. The interface of the drone battery may be faulty	1. Check if both the remote control and the drone battery have enough power 2. Check if the interface between the drone and the battery is in good condition
The mobile app successfully connects to the drone's WiFi, but the screen cannot be seen and the drone cannot be controlled	1.The app permissions on the mobile phone are not enabled 2. There is a problem with the drone's camera connection	1. Enable all available permissions for the app in the mobile phone settings 2. Check if the drone's camera connection is in good condition
The drone is unstable during flight or hovering	The drone's gyroscope is inaccurate	Control the drone to land, calibrate it using the remote control or the mobile app, and then take off again
The drone cannot perform flip functions	The drone battery is low	Replace it with a fully charged battery