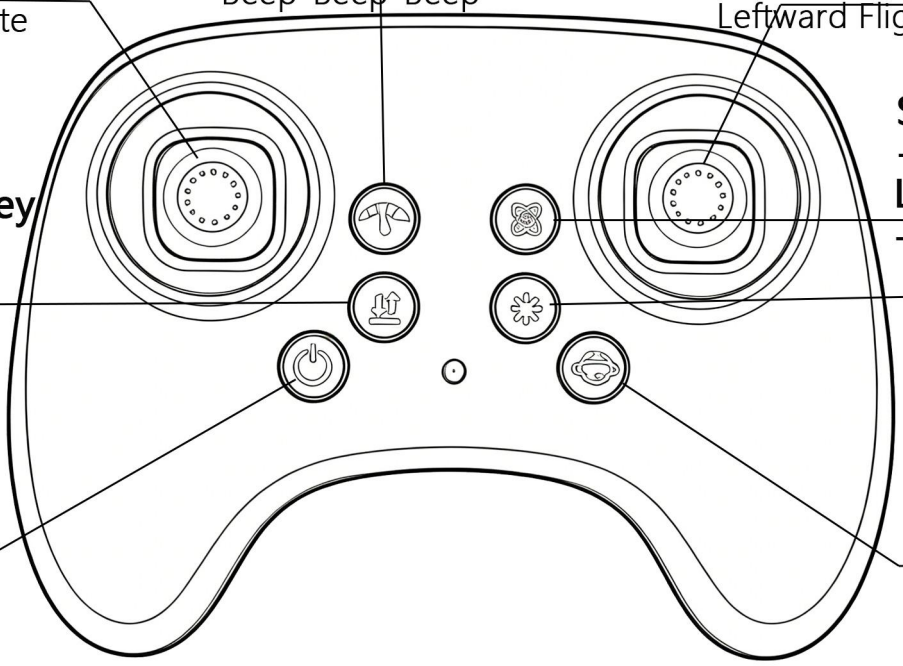
14+

User Manual

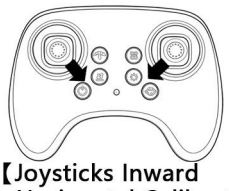
Note: The battery of the new product is low voltage. Please fully charge it before use!

Please use a charger with specifications below 5V 2A for this product. Do not use fast charging or high-current charging devices to avoid overheating, damage, or shortening the battery life.

Output Power: SV==1-2.0A ✓ >2.0A ✗



Note: Push both joysticks inward (↘ ↙) to perform horizontal calibration.

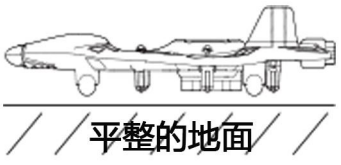


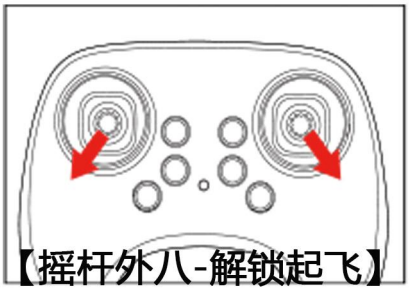
【Joysticks Inward - Horizontal Calibration】

【Perform horizontal calibration after every landing before takeoff】

2.4G Pairing Operation
(Must turn on the aircraft first, then the remote control)

Turn on the aircraft switch and place the aircraft on a flat surface. The aircraft indicator will flash. Turn on the remote control power switch, then push the throttle stick up/down until the indicator stays on, indicating pairing is complete.Before use, push the left joystick to the bottom-left and the right joystick to the bottom-right to unlock the pairing, then the aircraft is ready for takeoff.



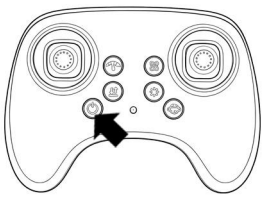


One-Key Takeoff & One-Key Landing
(Long press the button for [Emergency Stop])

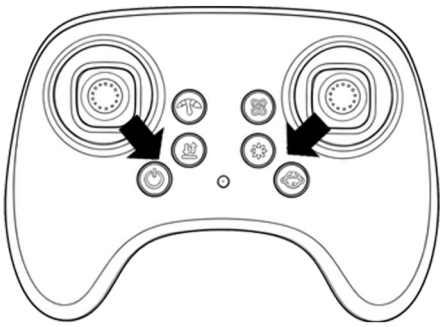
This product uses a barometer for altitude hold. Due to various factors, altitude changes caused by increased or decreased air pressure during flight are normal phenomena.

Short press the button for one-key takeoff / one-key landing

Long press the button for [Emergency Stop]



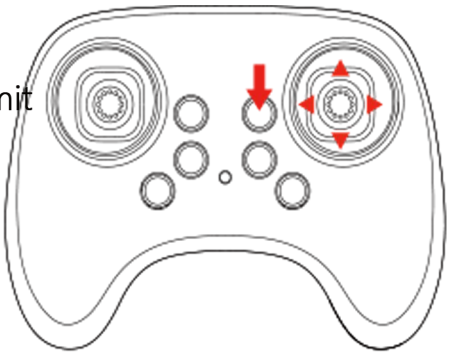
Horizontal Calibration
【Perform calibration before every takeoff after landing】



If the aircraft drifts continuously in one direction or spins in place while airborne, perform horizontal calibration:
1. Place the aircraft on a flat, level surface.
2. Push both joysticks inward to form an "inward V" position.
3. The aircraft indicator will flash rapidly, then stay on after approximately 2 seconds to confirm calibration is complete.

360° Flip

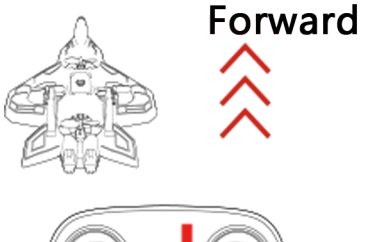
Operation Steps:
[1: Press the Flip button first,
2: Then push the joystick in the desired direction]
Short press the 360° Flip button once; the remote control will emit a continuous "beep-beep-beep" sound. Push the right joystick, and the aircraft will perform a 360° flip in that direction.

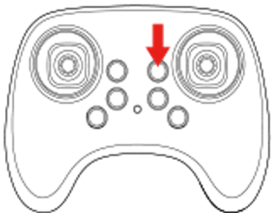


⚠ The 360° flip function will be automatically disabled when the aircraft enters low voltage mode.

Headless Mode
【Ideal for beginners unfamiliar with aircraft orientation】

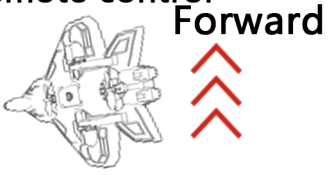
Orientation reference:
Aircraft nose

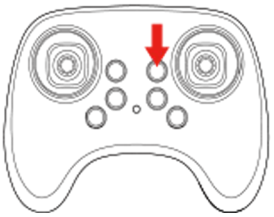




【Normal Mode】

Orientation reference:
Remote control



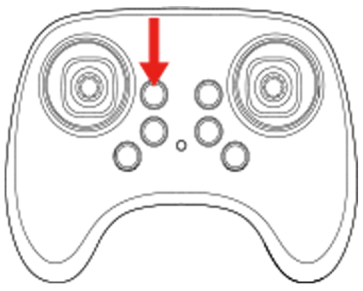


【Headless Mode】

When you press and hold the button (as shown) to switch to Headless Mode, the aircraft lights will start flashing. The aircraft will no longer use its own nose as the forward reference, and will instead use the remote control as the reference point for all directions.

Press and hold the Headless Mode button during flight. The remote control will emit two "beep" sounds, and the aircraft lights will flash rapidly to confirm entry into Headless Mode.

3-Speed Adjustment
[High speed mode must be used outdoors] Beep-Beep-Beep

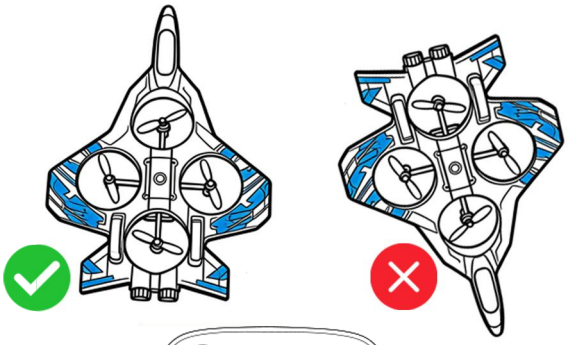


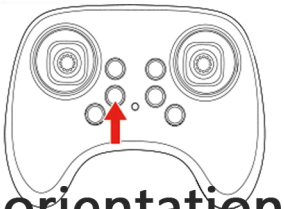
Forward, backward, and side flight speeds are divided into 3 levels. The default speed is Level 1 when the remote control is powered on.

Press once (1 beep): Return to Level 1
Press twice (2 beeps): Switch to Level 2
Press three times (3 beeps): Switch to Level 3

Operation is only permitted after 2.4G pairing is complete

Align the aircraft direction before pairing to avoid directional confusion

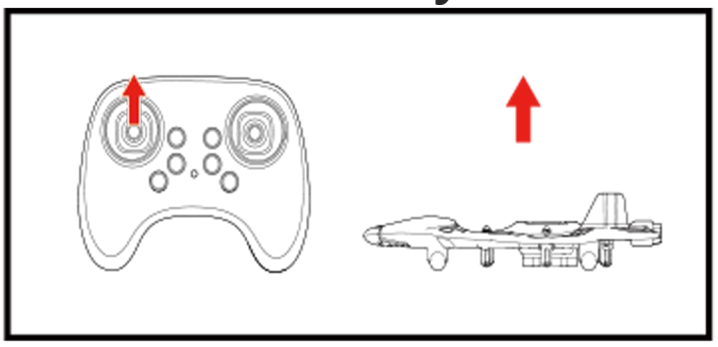


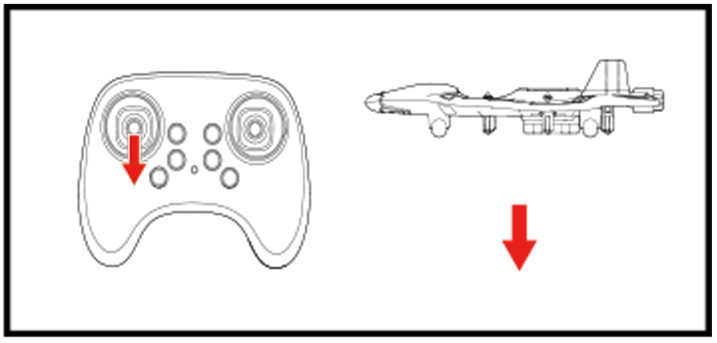


Correct orientation diagram

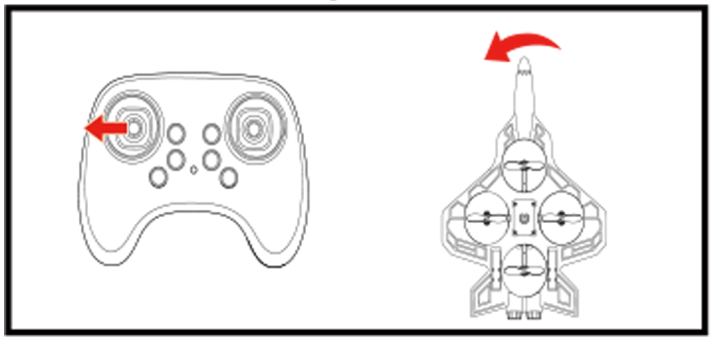
Flight Controls

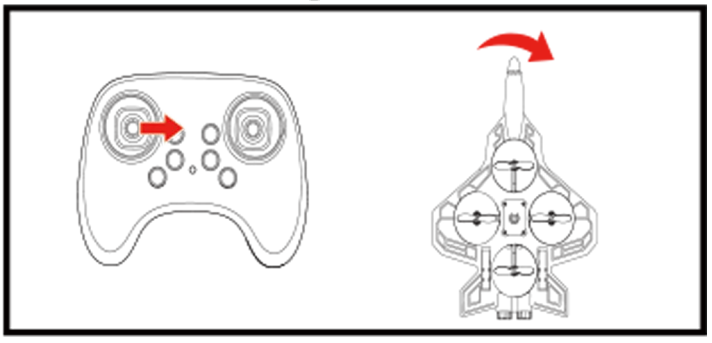
Throttle [Left Joystick] - Ascend and Descend



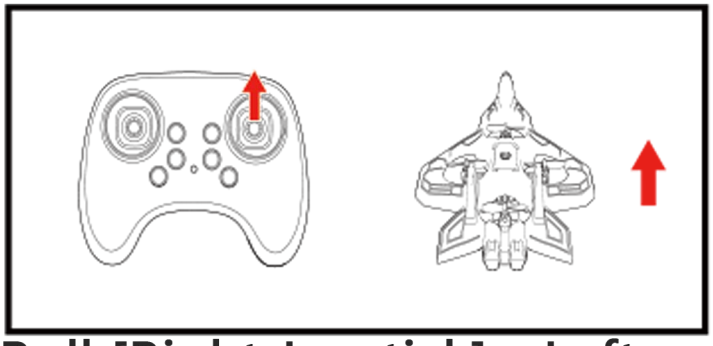


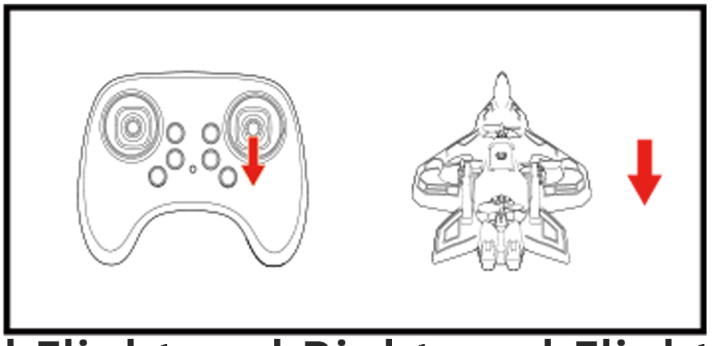
Yaw [Left Joystick] - Left Rotate and Right Rotate



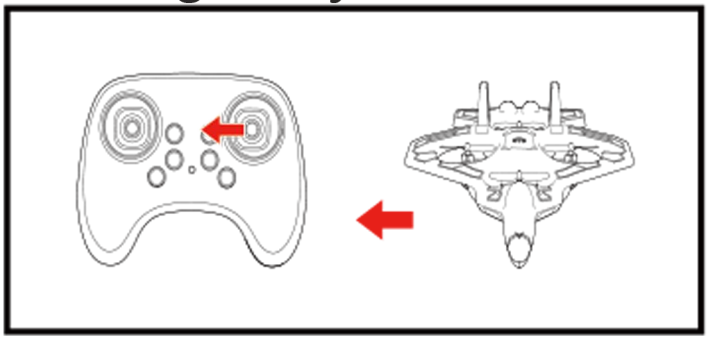


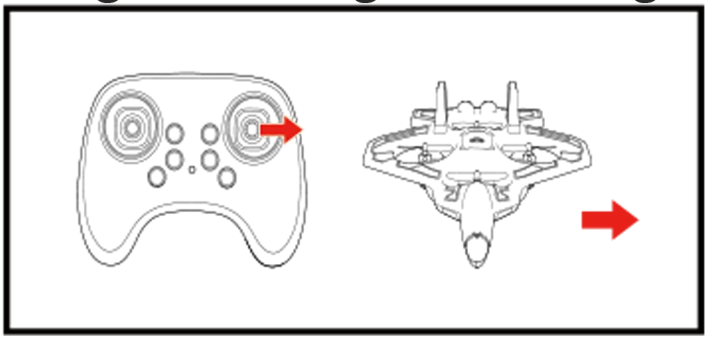
Pitch [Right Joystick] - Forward and Backward





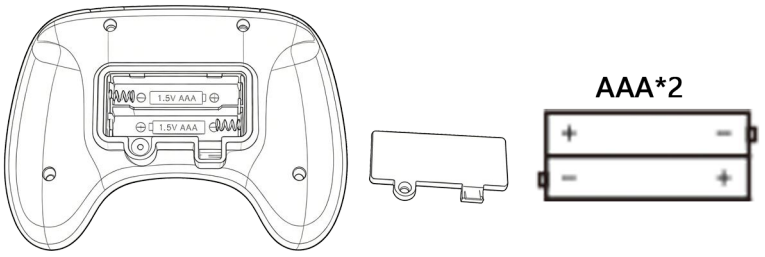
Roll [Right Joystick] - Leftward Flight and Rightward Flight





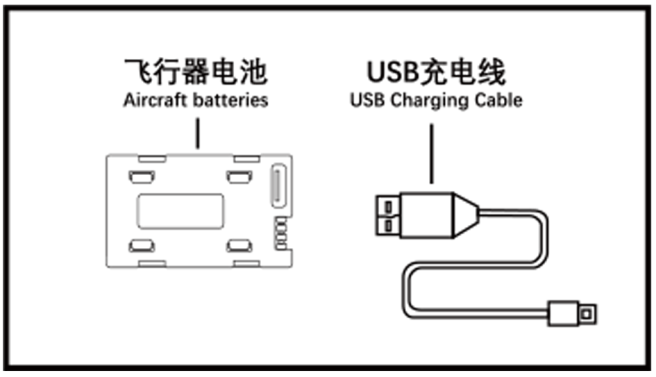
Remote Control & Battery Charging Installation Instructions

1： Remote Control Battery Installation



Insert the batteries correctly according to the polarity indicators (+, -) in the、battery compartment, as shown.

2： Aircraft Battery Charging

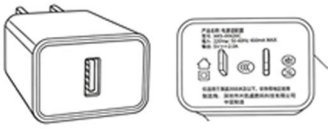


(1) Please use a charger with output ≤5V 2A; Do not use fast chargers

(2) Connect the battery to the dedicated charging cable, then plug the cable into a USB port on a computer or other charging device;

(3) The red light is on while charging, and turns off when fully charged.

Charging Time: Approximately 60 minutes

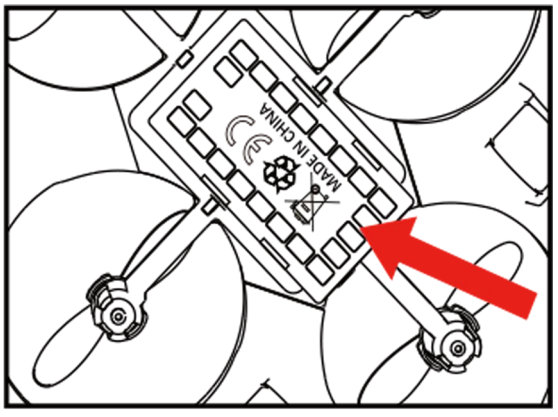


Charger Selection

Output Power: SV==1-2.0A ✓ >2.0A ✗

3： Aircraft Battery Installation

Insert the fully charged battery into the aircraft's battery slot, then press and hold the power switch until the aircraft lights up.



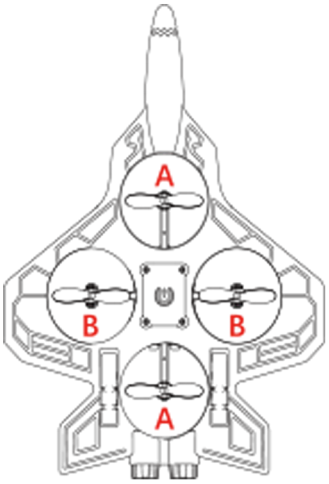
Aircraft Assembly 【Incorrect assembly will prevent takeoff】

1： Aircraft Propeller Installation

Install the propellers in the correct direction, matching the (A/B) marks on the aircraft arms and propellers.

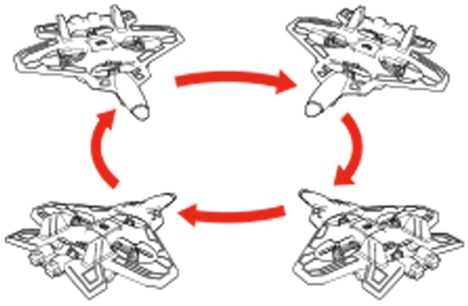
A-coded propeller: Orange.

B-coded propeller: Black.



⚠ If the aircraft flips on takeoff, or the motors spin but the aircraft does not take off, check if the propellers are installed incorrectly.

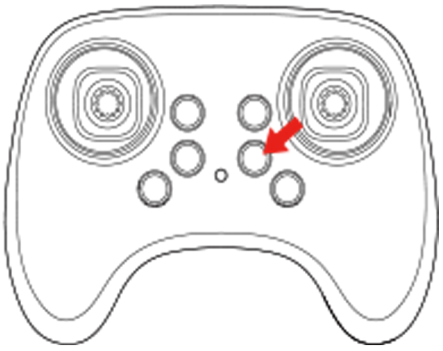
Orbit Mode



Operation Steps: Press the Orbit button on the remote control while the aircraft is in flight. The aircraft will automatically perform a 360° clockwise orbit.

【The orbit function will automatically turn off when you re-control the aircraft's direction.】

Trim Adjustment



If the aircraft drifts continuously in one direction or spins in place while airborne, use the following trim adjustments to stabilize it.

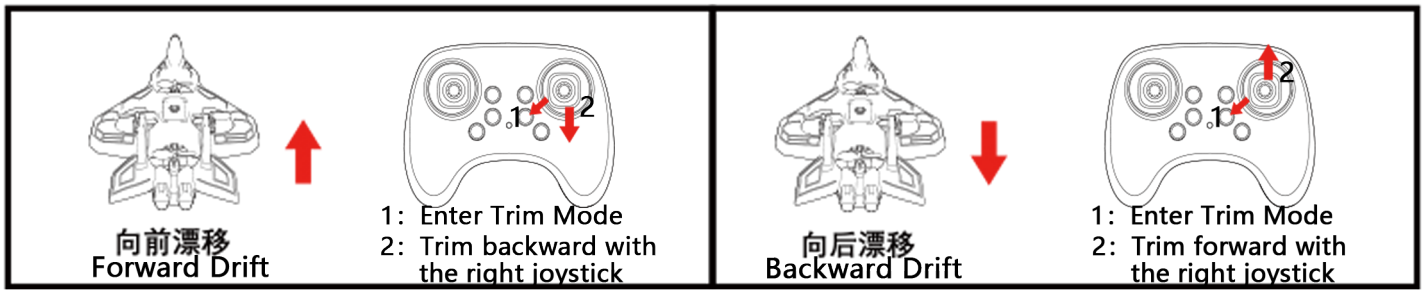
1: Press the Trim button; the remote control will emit a "beep-beep-beep" sound.

2: Use the right joystick to trim the aircraft in the opposite direction of drift, one click at a time.

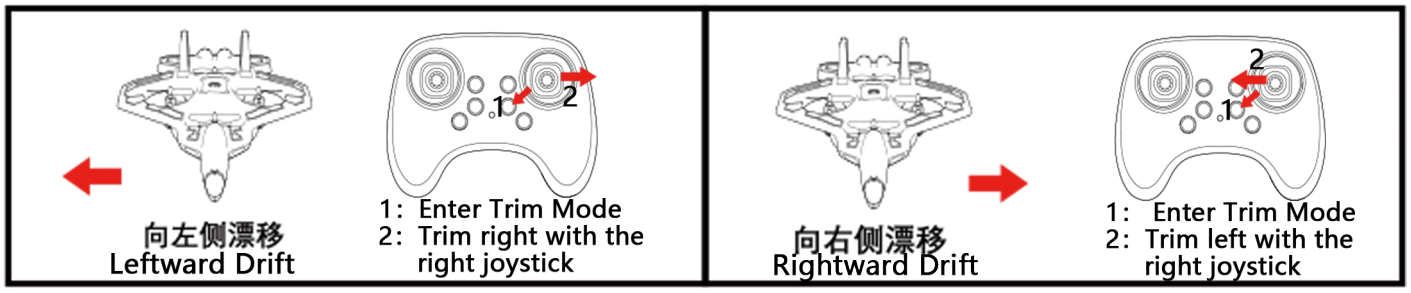
3: Press the Trim button again to exit trim mode; the "beep-beep-beep" sound will stop.

【The trim mode will automatically exit if no control action is detected for more than 5 seconds.】

Continuous Forward/Backward Drift



Continuous Left/Right Drift



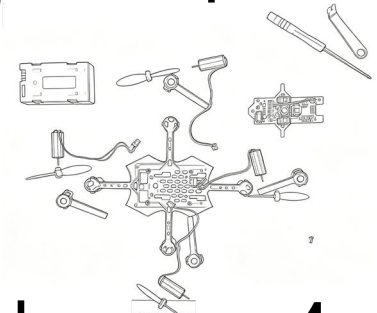
Troubleshooting Guide

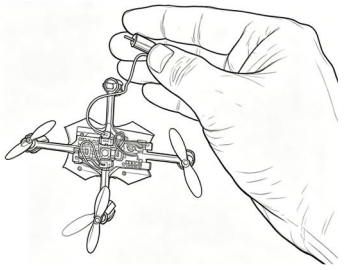
Problem	Cause	Solution
The aircraft indicator flashes continuously after battery installation, with no response to controls	2.4G pairing between the aircraft and remote control failed	1: Please re-perform 2.4G pairing between the aircraft and remote control 2: Replace Remote Control Batteries
No response after battery installation	(1) Check if the remote control or aircraft is powered on (2) Check if the remote control or aircraft battery is low voltage (3) Check if the battery terminals have poor contact	(1) Reinstall the battery (2) Charge or replace the battery (3) Confirm the battery polarity is installed correctly
The motors do not spin when the throttle stick is pushed, and the aircraft indicator flashes continuously	The aircraft battery is low	1: Charge the battery or replace it with a fully charged one 2: Replace Remote Control Batteries
The propellers spin continuously but the aircraft cannot take off	(1) Deformed propellers (2) Low aircraft battery	(1) Replace the propellers (2) Charge the battery or replace it with a fully charged one
The aircraft vibrates severely	Deformed propellers	Replace the propellers
The aircraft drifts continuously in one direction	The aircraft gyroscope center point is misaligned	Re-perform horizontal calibration, or restart and re-pair the aircraft
The aircraft loses balance and cannot recover after a crash	The aircraft gyroscope center point is misaligned	Re-perform horizontal calibration, or restart and re-pair the aircraft

Parts Replacement & Purchase

【All parts are individually replaceable! No soldering required!】

Develop hands-on skills — Learn how the aircraft works!!





You can contact the store where you purchased the product or your local dealer to [buy replacement parts and view replacement videos]. [All parts are sold separately.]

Only remove 4 screws to replace parts like motors

[Video tutorials available]

⚠ Battery Usage Precautions

• Lithium batteries carry inherent risks, including fire, personal injury, or property damage. The user must understand these risks and assume full responsibility for improper use.

• If the battery leaks, avoid contact of electrolyte with eyes or skin. If contact occurs, immediately flush eyes with clean water and seek medical attention.

• If the charger emits unusual odor, noise, or smoke, unplug it immediately.

Charging

• Use only the original dedicated charger. Do not use damaged or third-party chargers.

• Do not charge swollen, leaking, or damaged batteries.

• Do not overcharge the battery. Unplug the charger immediately once the battery is fully charged.

• Do not charge near flammable materials (carpets, wooden floors, wooden furniture) or conductive objects. Always supervise the charging process.

• Do not charge immediately after use while the battery is still hot.

Battery Disposal

• Do not dispose of batteries with household waste. They must be disposed of according to local e-waste regulations.

Flight Safety Tips ⚠

• Outdoor flight: Choose an open area free of obstacles, people, and pets.

• Indoor/Outdoor flight: Fly only in clear, calm or light wind conditions.

• Always keep the aircraft within line of sight during flight. Stay away from power lines, crowds, and other hazards.

• In case of emergency: Press the "Emergency Stop" button immediately.

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.

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.

Any 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 the 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.
The device can be used in portable exposure conditions without restriction.