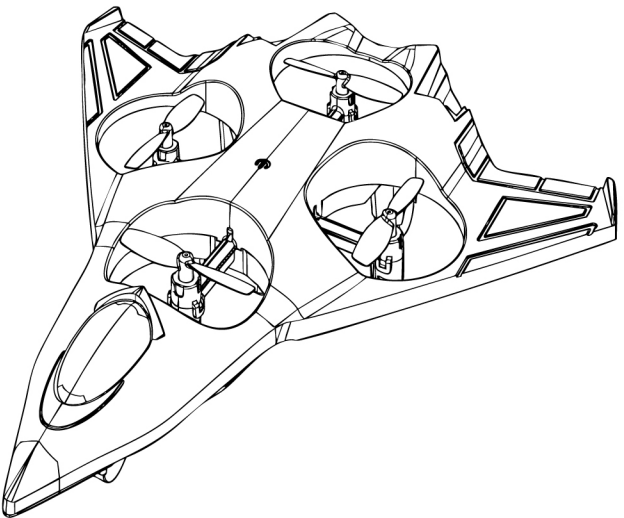




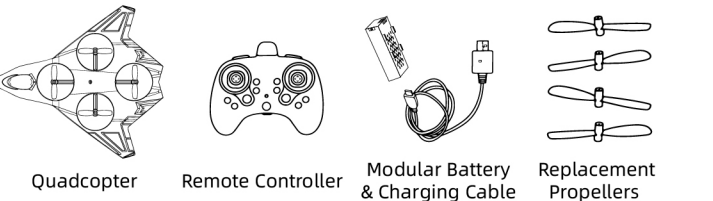
Suitable Age: 14 years and above

Quadcopter User Manual



• Before use, please read the manual in its entirety (pay close attention to the cautionary sections), and keep this manual for future reference.

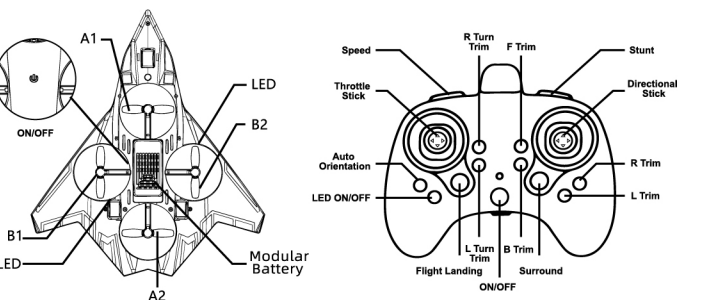
Packaging Contents



How to Replace the Propellers

1. Pinch the motor firmly below the old propeller with one hand. With the other hand, grip the center of the old propeller, pull it upwards with a little force to remove it. Take a new propeller with the same letter (A or B), align its center hole with the motor shaft, press it down, and secure it firmly.
2. Each propeller blade is marked with either an A or a B. Replace the old propeller with a new one that has the matching letter.

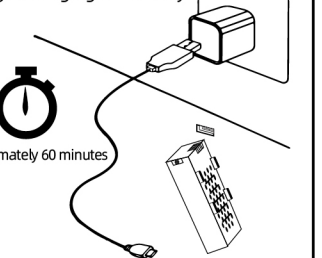
Note: Always turn off the quadcopter and the remote controller before replacing propellers to prevent accidental activation and hand injury.



01

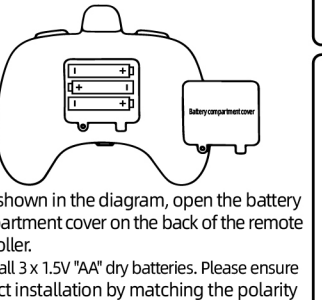
Charging the Drone Battery

1. Before charging, ensure the drone is powered off and remove the battery.
2. Take the original charging cable provided and connect the drone battery to the charging adapter.
3. Plug the adapter into a power source to begin charging the battery.



Note: The battery indicator will show a steady red light while charging. The light will turn off when the battery is fully charged. Charging takes approximately 60 minutes.

Installing the Remote Controller Batteries



02

Precautions for Using Rechargeable Batteries

There is a risk of fire and personal injury if the battery is punctured, damaged, or misused.

- ◆ Do not disassemble, crush, incinerate, or short-circuit the battery.
- ◆ Never expose the battery to extreme temperatures or humidity.
- ◆ Keep away from flammable materials and direct sunlight.
- ◆ Charge only with the original charging cable provided. The use of non-standard or damaged charging cables is prohibited.
- ◆ Adult supervision is required during charging. Do not leave the area while charging is in progress.
- ◆ Let the battery cool to an appropriate temperature before charging.
- ◆ If the battery becomes hot, swells, emits smoke, or gives off a strong odor, stop charging immediately.
- ◆ Charge on non-flammable surfaces, away from flammable items.
- ◆ Regularly inspect the battery charger, power cord plug, casing, and other components used with this product for any damage. If damage is found, the product must not be used until repaired.
- ◆ Remove the battery (if detachable) before storage.
- ◆ Recycle or dispose of batteries according to local laws and regulations.
- ◆ Batteries or battery packs should not be disassembled, crushed, punctured, opened, or otherwise destroyed.
- ◆ If a battery is swallowed, seek medical attention immediately.
- ◆ If electrolyte comes into contact with skin or eyes, immediately rinse with fresh water for at least 15 minutes and seek medical attention.
- ◆ Store batteries in their original packaging and keep them away from metal objects that could cause a short circuit.
- ◆ Do not drop the battery or subject it to strong mechanical shocks.
- ◆ Keep the battery or battery pack clean and dry during use and storage. If the metal terminals become dirty, wipe them with a soft, dry cloth.
- ◆ Charge the battery or battery pack before use.
- ◆ After first use or prolonged storage, two or three complete charge and discharge cycles may be required for the battery or battery pack to achieve optimal performance.
- ◆ Unless otherwise specified by the manufacturer, it is best to charge the battery or battery pack at temperatures between 15°C and 30°C.
- ◆ It is recommended to use a standard DC 5V 2A USB charging adapter. The use of fast chargers or non-standard charging adapters is prohibited.
- ◆ The model product must not be operated while the battery is charging.

Precautions for Using Non-rechargeable Batteries

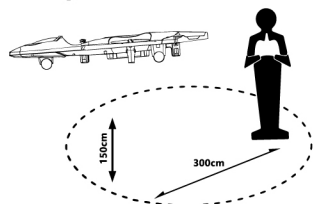
- ◆ Do not mix old and new batteries.
- ◆ Do not mix alkaline, standard (carbon-zinc), and rechargeable batteries.
- ◆ The use of alkaline batteries is recommended (use only batteries of the specified voltage).
- ◆ Install batteries with the correct polarity. Always install or replace batteries under adult supervision.
- ◆ Do not attempt to recharge non-rechargeable batteries.
- ◆ Do not short-circuit the battery terminals.
- ◆ Do not disassemble, impact, crush, or throw batteries (battery packs) into fire.
- ◆ Remove exhausted batteries from the product promptly to prevent leakage and corrosion.
- ◆ Recycle or dispose of batteries according to local laws and regulations.
- ◆ If the product will not be used for an extended period, remove the batteries and store them separately.

UAV Operation Guide

1. Pre-flight Check

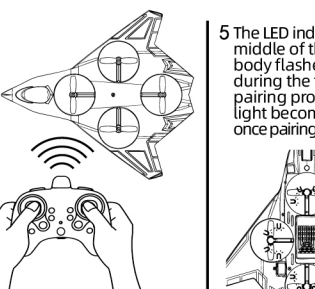
1. Read the user manual carefully and completely.
2. Check if the UAV and the remote control are damaged.
3. Make sure the power of both the UAV and the remote control is turned off.
4. Fully charge the UAV battery.

2. Choosing a Location



Before retrieving or picking up the UAV, be sure to turn off the remote control to avoid accidental activation of the propellers.

3. 2.4G Auto Frequency Pairing



5 The LED indicator in the middle of the drone's body flashes rapidly during the frequency pairing process. The light becomes steady once pairing is complete.

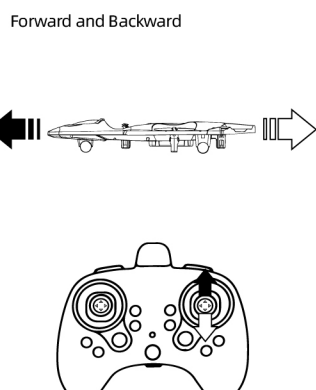
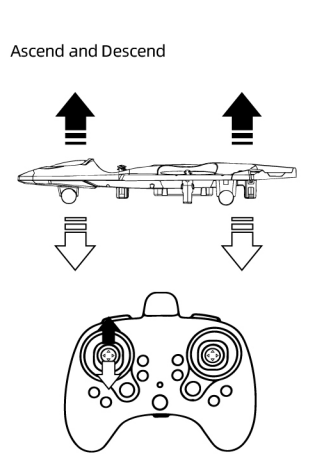
03

6 Calibrating the Drone (Calibrate the drone when it is unstable, drifting, or flying erratically) After the drone has completed frequency pairing and before takeoff, push both left and right control sticks inward and diagonally upward for 2-3 seconds (as shown in the diagram below). Wait for the LED indicator in the middle of the drone's body to change from rapid flashing to a steady light. The drone calibration is then complete.

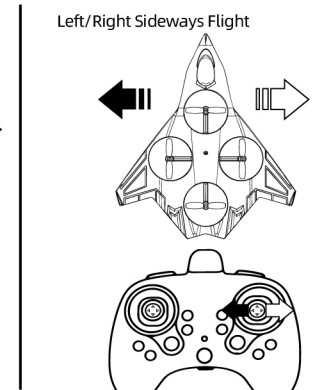
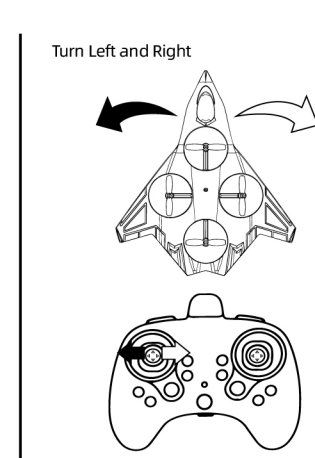


04

Operation Guide

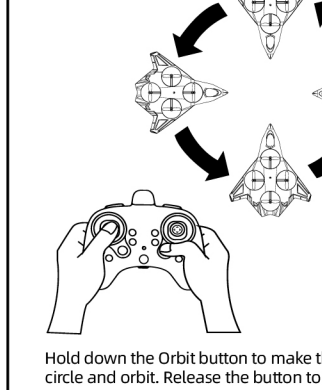
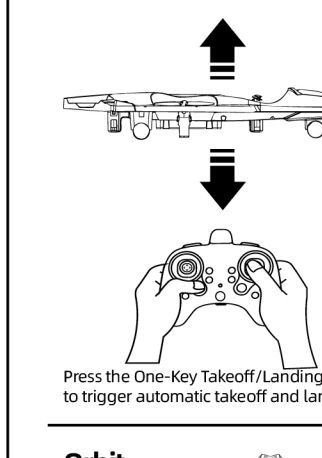


05



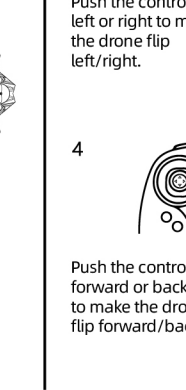
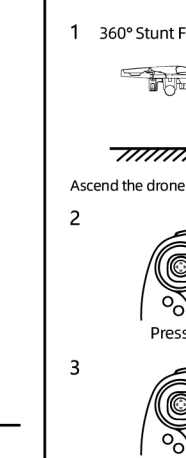
06

One-Key Takeoff/Landing



07

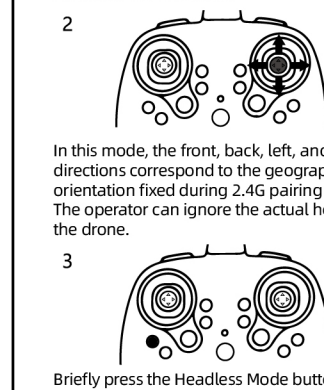
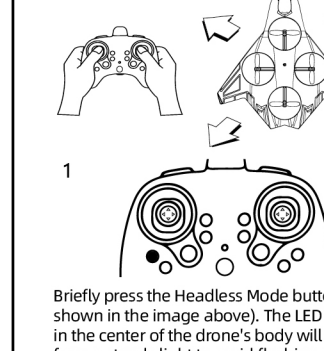
Flip Mode



08

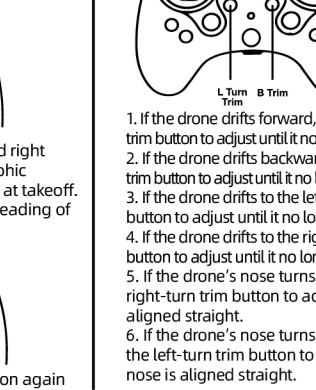
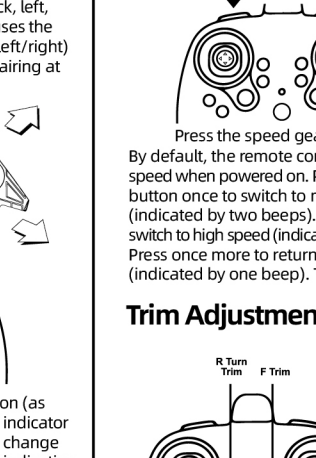
Headless Mode

Definition: When the drone enters Headless Mode, it disregards its own front, back, left, and right orientations, and instead uses the geographic orientation (front/back/left/right) established during 2.4G frequency pairing at takeoff as its flight reference.



09

Speed Switching



10

Hints

- ◆ Do not fly the UAV into sand or dirt, as the gears may become clogged.
- ◆ When learning to fly for the first time, practice takeoff and rotation.
- ◆ Always keep a safe distance from crowds, trees, buildings, base stations, high-voltage power lines, airports, etc., during flight.
- ◆ In the event of a crash or if the propeller is obstructed, always push the throttle stick all the way down.
- ◆ Never operate the UAV on or near people, as sudden wind changes or other conditions may cause an unexpected crash.
- ◆ Operate the UAV with caution, comply with relevant laws, and respect the privacy and property rights of others.
- ◆ This product is for entertainment purposes only. Modification or other uses are prohibited.

Troubleshooting

When the remote control indicator does not light up after turning on the remote control switch:

1. Check if the batteries in the remote control are installed correctly.
2. Replace with new batteries.

The remote control power indicator flashes during flight:

1. The remote control battery is low. Land the UAV immediately.
2. Replace the old batteries.

The UAV and remote control are paired correctly, but the UAV does not take off:

The UAV battery needs to be charged. Use the USB charging cable to connect the UAV battery to a power source.

After trimming the UAV, the flight becomes very unstable and cannot be controlled properly:

1. One or more propellers may be damaged. Replace the damaged propellers and attempt to fly again.
2. Press both control sticks inward and downward for 5 seconds. The remote control will emit two beeps, resetting the gyroscope.
3. Turn off the UAV and remote control, then re-pair them.

The remote control and UAV cannot pair: The remote control must be within 3 meters of the UAV.

Note: If there are multiple unpaired UAVs within 3 meters, pair one successfully before pairing the others.

Noise Test Results

Observation Points	Static Flight	Dynamic Flight
Ground Observation Point (Vertical Below)	75.2 dB(A)	77.1 dB(A)
Side Observation Point (Same Horizontal Level)	76.8 dB(A)	78.9 dB(A)

Note: The test environment is indoors, at a full anechoic chamber.

11

FCC Caution

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.