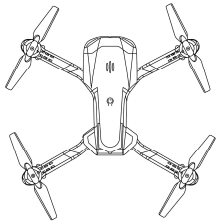
FOR AGES
14+

Folding Drone Manual



2.4GHz

Read the manual completely before use (please read the caution and warning section).Save this manual for future reference.

Important Safety Information

1.This product is not a toy but a precision device that integrates professional knowledge such as machinery, electronics, aerodynamics, and high frequency. It requires correct assembly and debugging to prevent accidents. The product user must employ safe operating and control methods; improper operation may result in serious personal injury or property damage. We are not liable for such incidents as we cannot oversee the assembly, use, and operation process.
2.This product is intended for individuals with experience operating models and who are at least 14 years old.
3.The flying area must comply with local regulations for remote control model flight.
4.For any issues regarding use, operation, or maintenance, please contact the local distributor for technical support and after-sales service.
5.The package contains a screwdriver for opening the battery compartment. This tool is not a toy and should be kept out of reach of children. Please retain this tool for future use.

Safety Precautions

Drones are high-risk commodities, so keep them away from crowds when flying. Improper assembly, fuselage damage, malfunctioning electronic control equipment, and unfamiliar operation can all lead to unpredictable accidents, such as aircraft damage or personal injury.

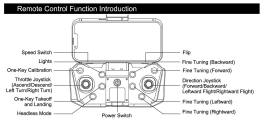
1.Keep Away from Obstacles and Crowds
Drones have unpredictable flight speeds and states, posing potential dangers. When flying, stay away from crowds, tall buildings, power lines, etc. Additionally, avoid flying in adverse weather conditions such as wind, rain, or lightning to ensure the safety of operators, bystanders, and property.
2.Stay Away from Humid Environments
Drones are composed of many sophisticated electronic components and machinery. Therefore, preventing moisture from entering the body is necessary to avoid accidents caused by mechanical or electronic failures.
3.Safe Operation
Operate drones according to your own abilities and piloting skills. Operating while fatigued, mentally exhausted, or improperly can increase the likelihood of unexpected risks.
4.Keep Away from High-Speed Rotating Parts
When the propellers are spinning at high speeds, ensure that operators, bystanders, and objects are kept away from the rotating parts to prevent accidents and damage.

Lithium Battery Precautions

Lithium batteries differ from ordinary batteries in that they are enclosed in a thin layer of aluminum foil along with their chemicals. While this reduces their weight significantly, it also makes them more susceptible to rough or improper handling. Like all batteries, improper handling can lead to fire and explosion risks.

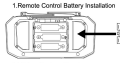
- Please do not insert the battery into the model for charging, as it may lead to battery ignition and subsequent losses.
- If you do not plan to use this product for a week or longer, please ensure that the battery retains 60% of its charge to prolong battery life. Charging the battery when it retains 50% of its charge will require only half the time needed for a full charge.
- Always use the professional charger provided by the manufacturer to charge the battery.
- Avoid charging the battery on carpeted surfaces to prevent fire hazards.
- Lithium batteries should be charged after storage periods exceeding three months to maintain voltage levels and ensure their longevity.

Remote Control Function Introduction



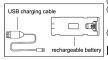
Drone Battery Installation and Charging Instructions

1.Remote Control Battery Installation



Insert the battery correctly according to the electrode instructions (+ -) on the battery box (as shown).

2.Lithium Battery Charging



(1) Remove the drone battery from the drone fuselage.
(2) Connect the battery to the dedicated charging cable, then insert the charging cable into a computer USB port or other charging device.
(3) The LED indicator will illuminate in red during charging and turn off when fully charged.

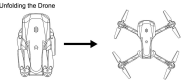
Charging time is approximately 80-100 minutes.

3.Drone Battery Installation and Startup

Insert a fully charged battery into the drone's battery compartment, then press and hold the power switch until the drone lights illuminate.

Drone Installation

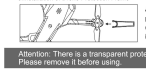
1.Unfolding the Drone



2.Propeller Installation

Please install the propellers in the correct orientation. Attach the propeller marked with the letter A to the arm labeled with the letter A, and after installation, be sure to tighten the screws securely. The propeller marked with the letter B should be installed similarly.

3.Installation of Drone Protection Frame

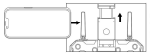


Align the protective frame with the position of the drone's boom (as shown in the figure), then install and secure it.

Attention: There is a transparent protective film in front of the lens. Please remove it before using.

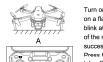
Remote Control

1.Mobile Phone Holder



Open the mobile phone holder on the remote control and clamp the phone securely.

2.Pairing the Remote Control with the Drone



Turn on the drone's power switch and place it on a flat surface(figure A); the drone's lights will blink at this time. Then, turn on the power switch of the remote control; steady lights indicate successful pairing.
Press the one-key calibration button before takeoff; the drone's lights will change from flashing to steady, indicating successful calibration.(figure B)

3.One-Key Takeoff and One-Key Landing

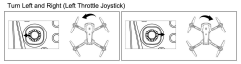
Press the one-key takeoff button to make the drone ascend; press again to descend. Alternatively, push the left joystick upward, the propellers start spinning, and push upward again to make the drone take off.
Note: This product is equipped with a barometer for altitude setting. Height fluctuations during takeoff or low voltage are normal due to various environmental temperatures and other factors.

Operations must be conducted after pairing is completed.

4.Joystick Control

Ascend and Descend (Left Throttle Joystick)

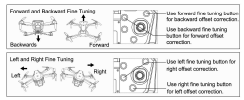
Turn Left and Right (Left Throttle Joystick)



Forward and Backward Flight (Right Direction Joystick)

Leftward and Rightward Flight (Right Direction Joystick)

5.Fine Tuning



Speed Switch

There are three speed settings in total. When the remote control is powered on, it defaults to the slow speed setting. Press the speed switch button in the upper left corner of the remote control. Two beeps indicate the mid-range speed setting, and three beeps indicate the fast speed setting. (It is recommended for beginners to use the slow speed setting)

Headless Mode and Mode Selection

When switching to headless mode, the direction of the drone's nose (with the side containing the camera) will be considered as the forward direction during pairing.

1.Headless mode direction setup: Orient the side of the drone containing the camera towards the operator, which is considered the forward direction. then turn on the remote control for pairing, thus completing the setup of the headless mode direction.
2.While flying, press the headless mode button on the remote control. The remote control will emit continuous sound, and the drone lights will flash rapidly to indicate entry into headless mode. Press the headless mode button again to exit headless mode, and the remote control will emit two "beeps" to confirm the exit.

Flip

Procedure:
1.Press the flip button, and the remote control will continuously emit a "beep" sound.
2.Push the right joystick, and the drone will perform a 360° flip according to the direction of the push.

Note: The function is automatically disabled when the drone enters a low-voltage state.

Troubleshooting Guide

Issue	Cause	Solution
After powering on the drone, it continues to blink and cannot be controlled using the remote.	Drone and remote control pairing unsuccessful.	Please re-pair the drone with the remote control.
No response after connecting the battery.	(1) Check if the remote control or drone is powered on. (2)Check if the batteries in the remote control or drone are low. (3)Check if there is poor contact between the positive and negative terminals of the remote controller's battery.	(1) Reinstall the batteries. (2) Charge or replace with new batteries. (3) Confirm correct polarity when installing batteries.
The motors do not rotate when pushing the throttle joystick, and the indicator light keeps blinking.	Low battery level in the drone.	Recharge the battery or replace it with a fully charged one.
The propellers keep spinning but the drone cannot take off.	(1)Deformed propellers. (2)Insufficient battery power in the drone.	(1) Replace the propellers. (2) Recharge the battery or replace it with a fully charged one.
The drone vibrates intensely.	Deformed propellers.	Replace the propellers.
The drone constantly drifts in one direction after takeoff.	Incorrect gyroscope center point on the drone.	Reperform horizontal calibration or reboot the system.
The drone loses balance and cannot regain stability after a crash.	Incorrect gyroscope center point on the drone.	Reperform horizontal calibration or reboot the system.

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.