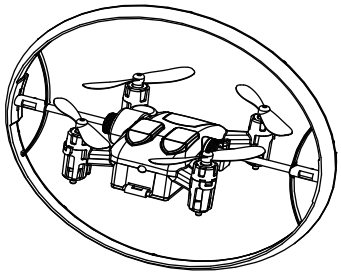
Flykit®

DEFORMED LIGHT DRONE

INSTRUCTION MANUAL

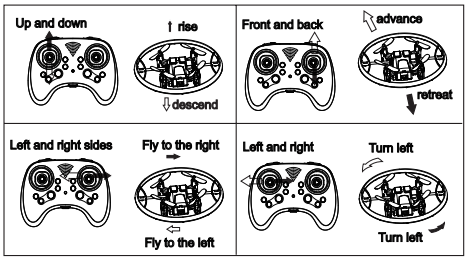


Note: Please read the instructions carefully before operation.

Product parameter

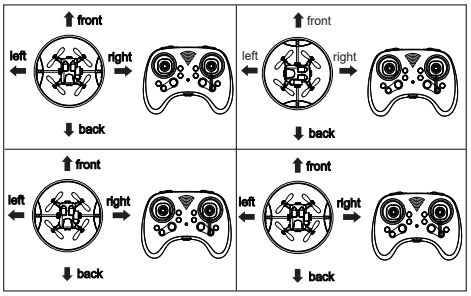
1. product size：129mm×129mm×32mm
2. Fuselage weight about：50g。
3. Flight time about: 7 minutes.
4. Charging time is about 30 minutes.
5. Battery specification: 500mAh／3.7V lithium battery.
6. Remote control distance: about 10 meters.

Operation and control



Headless mode

- When the headless mode button is pressed, the remote controller makes a drip ... drip ... drip ... sound, and the drone lights flash, so it enters headless mode.
- In headless mode, the fuselage rotates at will, and the drone always defaults to the heading direction when it enters headless mode.
  Note: There is no headless mode function when the halo rotates.



Battery safety prevention

Waste batteries should be recycled in strict accordance with the national or regional waste cleaning laws to avoid environmental pollution.

- Do not put the battery into the fire or put it next to a heat source such as a heater.
- Do not disassemble or pierce the battery with sharp objects.
- Do not throw the battery on any hard surface to avoid excessive physical impact.
- Please do not place the battery in a damp place or in water, and it is strictly forbidden to get wet.
- Do not use a charger that is not from the original factory to avoid short circuit and fire.
- Do not overcharge; When the battery is fully charged, cut off the power immediately.
- Do not charge or use an inflated, leaking or damaged battery.
- Be careful when charging, and make sure to charge within your sight. Please keep it out of the reach of children to avoid danger.
- If there is suspicious odor, noise or smoke during charging, please unplug the power i mmediately.

safety instruction

- Please read this manual carefully before use.
- Please put the small parts of the product out of the reach of children to avoid accidents.
- When using drones, pay attention to keeping a distance of 2-3 meters between drones and controllers or onlookers to avoid personal injury.
- Children need to fly with adults and control the drone within sight.
- Do not attempt to disassemble, repair or process the electronic circuit. Neither the drone nor the remote controller is equipped with electronic parts.
- When not in use, turn off the power supply of the remote controller and drone, and take out its battery.
- When the drone takes off, it should slowly push the throttle lever to prevent it from suddenly accelerating.
- After the flight, turn off the drone power and then turn off the remote control.

Note that in order to avoid injury, please stand two meters away from the drone when operating.

Battery protection

Under-voltage protection function of drone battery: When the battery is low, the protection program will cut off the power supply of drone motor. The battery must be charged before continuing to fly.

drone stuck protection function: When the drone blades are stuck, the program will cut off the power supply of the motor to avoid damage.

Drone maintenance

- Please wipe the drone with a clean soft cloth.

To avoid irreparable damage, please keep the drone dry and away from water. Please do not fly inrainy days.

Check whether the drone and its accessories are damaged. If so, please repair them before using them.

Remote battery installation

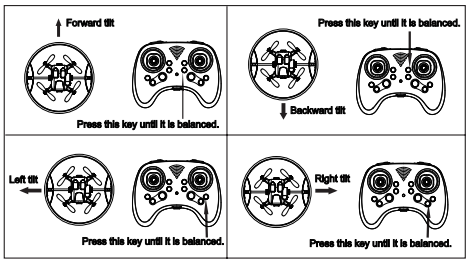
- Open the battery cover, install three 'AAA' batteries according to the positive and negative poles marked in the battery compartment, and cover the battery cover.

rectify

- If the drone is biased in a certain direction when hovering, it needs to be re-calibrated. The method is as follows:
  1. Land the drone on the ground and wait for the propeller to stop completely;
  2. Put the drone on the horizontal ground, aim its head at the right in front of its flight, hit the two rockers in the direction indicated by the arrow, the remote controller "drips", the fuselage light flashes, and then lights up, and the calibration is completed.

fine-tune

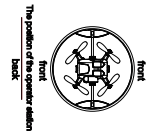
- If the drone leans in a certain direction while hovering, the controller needs to adjust the hovering attitude as follows:



One-button return flight

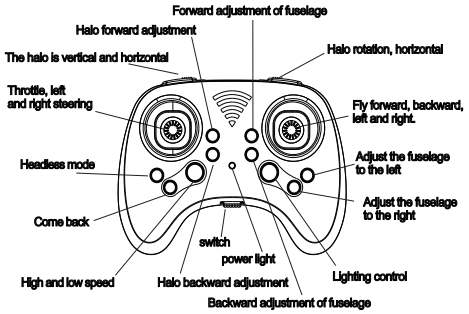
- When you press the Return button, the remote controller will make the sound of ... Didi Didi Didi..., and the lights of the drone will start flashing, and the drone will return. At this time, the drone does not need to divide its head and tail. By default, the take-off timing is forward, and it will start to return in the direction opposite to the nose. When it reaches a suitable position, it is necessary to press the Return button again or push the right rocker to stop returning (the lights will light up after stopping returning), otherwise no one will have a chance to fly far in this direction.

Note: 1. Before operating the one-button homing function, it is necessary to ensure that the head direction is consistent with t he direction of the controller when the frequency is aligned or corrected, and the drone is always in front of the position where the controller is standing during the flight, so that the drone will fly to the controller when returning. If the drone is behind the controller when flying, you can't press the return button at this time, because no one will fly away from the controller. (The positional relationship between the drone and t he controller is shown on the right.)

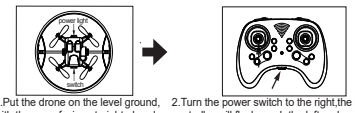


2. When the halo rotates, there is no one-button anti-return function.

Introduction of remote control function



Booting and frequency matching



1.Put the drone on the level ground, with the nose facing straight ahead, press the power switch, and the indicator light in front of the fuselage will flash.

2.Turn the power switch to the right,the indicator light of the remote controller will flash, push the left rocker up to the highest position, and then pull it down to the lowest position. At this time, the body light will also be on, and the remote controller light will be on, and the frequency alignment will be successful.

3. Press the light control key, and the halo light will light up in any mode.

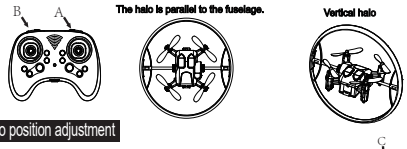
4. Push the left rocker upward, and the propeller rotates slowly.

5. Push the left joystick up slowly again and the drone will take off.

Halo manipulation

A. When the drone takes off, press this button, and the halo will rotate, forming a beautiful halo in the air. Press this button again, and the halo will stop at a position parallel to the fuselage.

B. When this key is pressed, the halo switches between the horizontal position and the vertical position with the fuselage.



Halo position adjustment

C. When the drone takes off, press the halo adjustment key (as indicated by arrows C and D in the right figure) to adjust the halo at any angle with the fuselage.
Note: These two keys have no function when the drone does not take off. Note: These two keys have no function when the drone does not take off.

Light mode switching

E. When this key is pressed short, the halo light will light up, and then switch the light mode on time; Long press this button to turn off the halo light, and then short press the light to turn it on.
Note: The lighting pattern is random every time the machine is turned on.

Low voltage and stuck protection

- When the drone's battery is low, the halo light goes out, the halo automatically stops in a horizontal position and cannot rotate, and the fuselage light flashes, so you should return as soon as possible.
- When the UAV gets stuck or touches an obstacle, the blades stop rotating and the lights flash, so it can be restored by pulling the throttle of the remote control to the lowest position.

Charging the drone

Take out the battery, insert the USB into the battery charging port, and connect the other end with the charger. When charging, the indicator lights up, and the full lamp goes out.

Note: Only the USB charging cable distributed by the manufacturer can be used for charging. If other charging cables are used, the battery may be damaged or may explode and burn.

Replacement of UAV blades

When the drone blades are damaged or deformed, consumers can take them out of the accessory package to replace them. The drone blades are installed with position requirements. (As shown in the figure) The letters engraved on the blades must be the same as those engraved on the motor cover of the drone, that is, "A" for "A" and "B" for "B", otherwise the drone cannot take off normally.

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