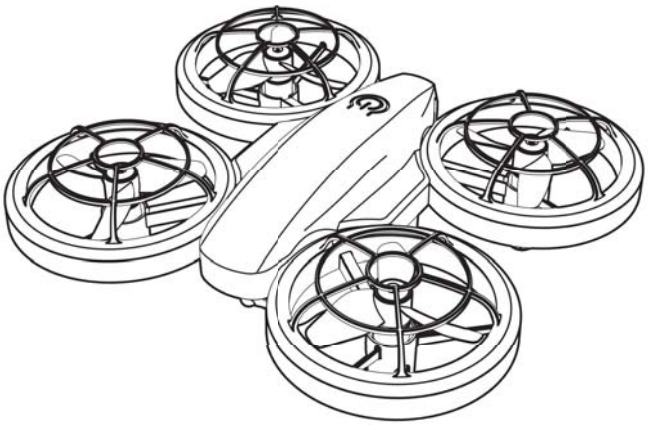
EN

Mini LED Drone



USER MANUAL

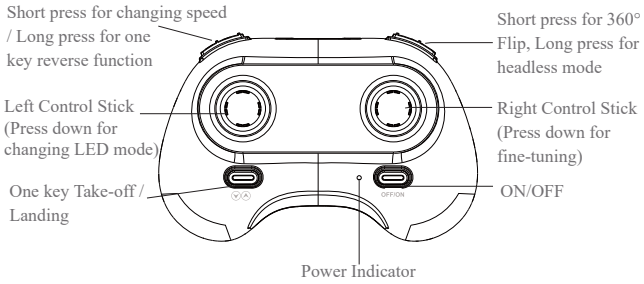
DISCLAIMER AND SAFETY GUIDELINES

1. DO NOT look directly into the drone light.
2. DO NOT treat the product as household waste.
3. DO NOT fly above or near obstacles, crowds, open water, public road, high voltage power lines or trees.
4. DO NOT use the drone in severe weather conditions. These include wind, snow, rain, smog, hail, lightning, tornadoes or hurricanes.
5. Stay away from the rotating propellers and motors to avoid some tiny objects (e.g. hair) to get into them.
6. This drone does not come with GPS module. Please fly the drone within the control range.
7. Be sure to observe all local regulations, obtain appropriate authorizations and understand risks. Please note it is solely your responsibility to comply with all flight regulations.

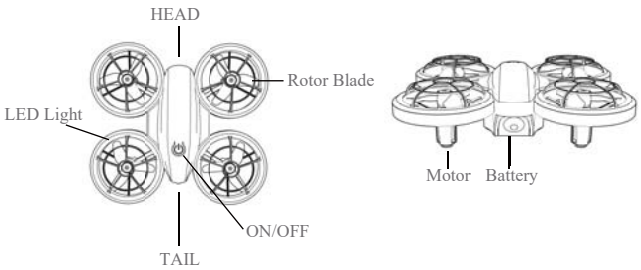
MAINTENANCE AND CARE

1. Thoroughly check the drone after crash or violent impact.
2. Do not charge battery before it cools down.
3. Remove the batteries if the product will not be in use for a long time.
4. Do not over charge the battery. Unplug the charger once it’s fully charged.
5. Store the drone and remote in a cool, dry place away form direct sunlight.
6. Do not charge the battery next to inflammables, such as carpet, timber floor etc., or on the surface of electro-conductive objects. Please always keep an eye on the battery while charging.
7. Please use the original battery provided. Use an incorrect type of battery may lead to fire hazards.
8. Do not dispose of the battery in fire or a hot oven, cut or mechanically crush the battery, as this may cause explosions.
9. Do not leave the battery in an extremely high-temperature environment taht can result in an explosion or the leakage of flammable liquid or gas.
10. Do not expose the battery to the extremely low air pressure, as this may resuly in an explosion or hte leakage of flammable liquid or gas.

PRODUCT OVERVIEW

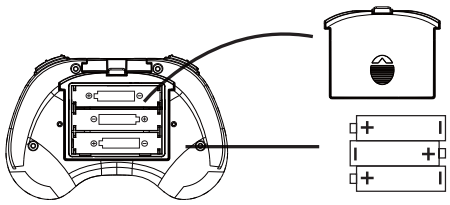


Note:Press and hold the One Key Take-off/Landing button for 3s to male an emergency stop.



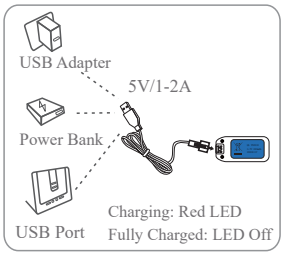
FLIGHT PREPARATION

1. Install the remote batteries.

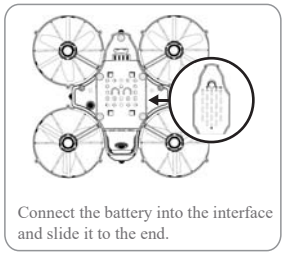


Make sure the batteries have enough power. 3*1.5V AAA(batteries not included)

2. Charge the battery of the drone.



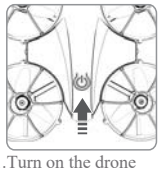
3. Install the drone battery after it's fully charged.



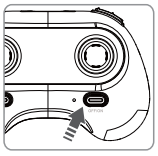
Tips:

1. For your safety, please use the original batery and USB cable.
2. Flight time of the battery may be reduced when flying in cold weathe
3. Free the battery of any sharp objects that could puncture into the battery to avoid risks of explosions and fire.
4. The LED on the drone will flash continously when the battery is low
5. To extend the battery's lifespan, recharge it at least once every three months if not using it for long periods of time.

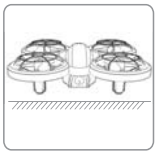
FLIGHT OPERATION GUIDE



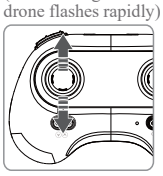
1.Turn on the drone (The LED light on the drone flashes rapidly)



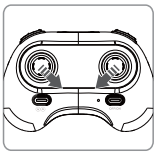
2.Turn on the controller



3.Place the drone at a flat surface with head forward



4.Push the left control stick forward to top and then pull it backward till the bottom. Pairing is successful when the LED on the drone is solid on.

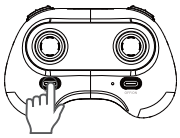


5.Move the left and right sticks inward & downward (left stick 5 o'clock and right stick 7 o'clock positions) for 3 seconds.The LED will flash quickly and then turns to solid, calibration is successfully.

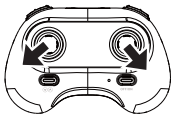
Note: Pls repeat the step 5 before every flight

Take-off

Option 1:
Press the button to take off.

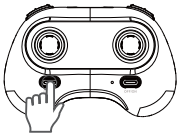


Option 2:
Move the **Left Control Stick** to lower left in 45° and the **Right Control Stick** to lower rightin 45° at the same time until four rotor blades start totating, then slowly push the Left Control Stick forward to take off.



Landing

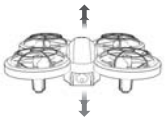
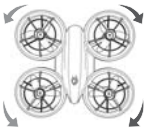
Option 1:
Press the button to take off.



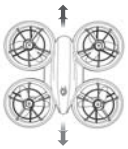
Option 2:
Pull the **Left Control Stick** backward to the bottom to land the drone, and hold it for 3s at least until all the rotor blades stop rotating.

Instructions of the Remote

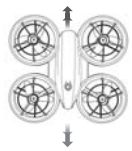
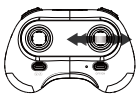
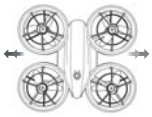
Left Control Stick

Ascend and descend		Push the Left Control Stick forward and the drone will ascend; pull it backward and the drone will descend.
Rotate Left and Rotate Right		Push the Left Control Stick leftward and the drone will rotate to the left; pull it rightward and the drone will rotate to the right.

Right Control Stick

Forward and Backward		Push the Right Control Stick forward and the drone will fly forward; pull it backward and the drone will fly backward.
Leftward and Rightward		Push the Right Control Stick leftward and the drone will fly leftward; pull it rightward and the drone will fly rightward.

Flight Trimming

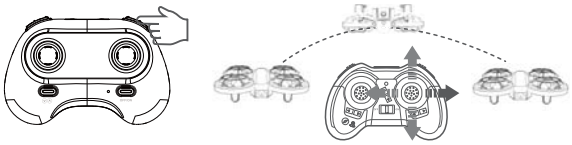
		If the drone drifts forward or backward when flying, press down the right stick once and then control the right stick forward or backward to adjust.
		If the drone drifts leftward or rightward when flying, press down the right stick once and then control the right stick left side or right side to adjust.

Altitude Hold / Hover

This is one of the default setting in the drone. When you release the **Left Control Stick** after the ascending/descending action, the drone will hover at the current flight height. For a stable flight. press the trim buttons to adjust accordingly.

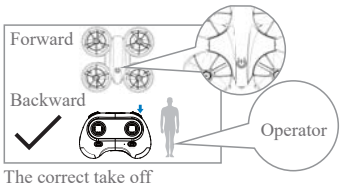
360 °Flip

After flying the drone to a height over 2 meters, press the 360 ° flip button to activate 360 ° flip function. Then move the **Right Control Stick** forward/backward/ leftward/rightward to flip the drone accordingly.

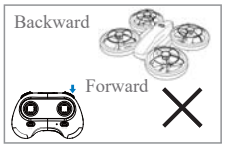


Headless Mode

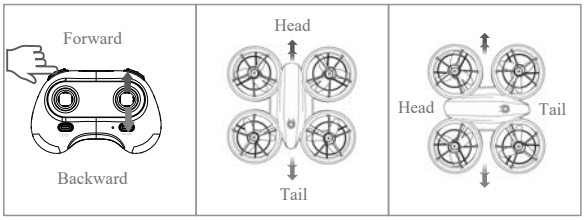
1. To ensure headless mode works well, please ensure corrent take off position as below picture shows.
2. Long press the right upper button to active headless function. You will heard 2 beeps. In this mode, the drone will fly following the direction of the Right Control Stick regardless of the positionof your drone's head or the tail. The LED on the drone will flash during headless mode.Long press the same button again to exit this mode.



The correct take off position.



The incorrect take off position.



Standard Mode Headless Mode

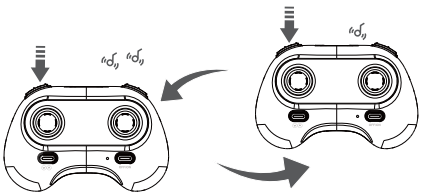
One key reverse

1. To ensure One key reverse works well, please ensure corrent take off position as above picture shows.
2. While the drone is in flight, press the reverse button on the remote control, the controller will beep once and the drone will fly in reverse.
3. Push the right control stick to any direction for cancelling this function.

EN

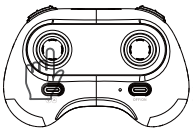
Speed Switch

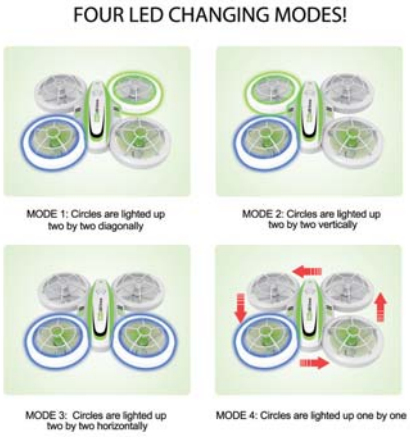
The drone is set to low speed by default. Press the **Left upper button** down once for medium speed and there are two beeps from the remote.
A Second press will get back to low speed and there is one beep from the remote.



LED mode Changing

During the drone flying, you can press the left stick down for changing the LED mode.





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.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.