

# **UFO1**

*INTERACTIVE LED STUNT DRONE*

## **USER MANUAL**



**OBSTACLE  
AVOIDANCE**



**ALTITUDE  
HOLD**



**360°  
FLIP**



**AUTO  
LAUNCH**



**VARIABLE  
SPEEDS**

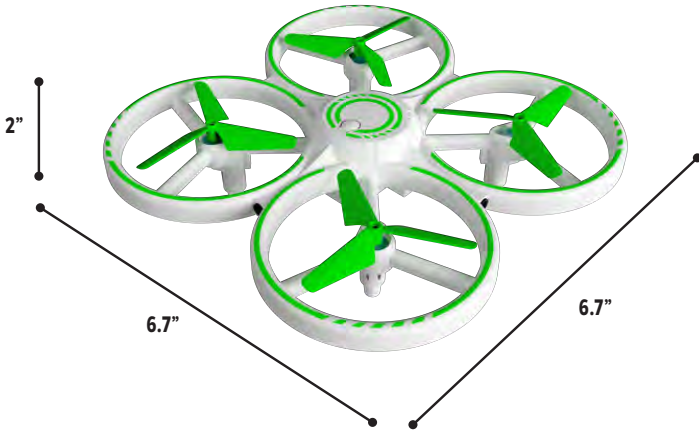


**VIBRANT  
LEDS**

Visit us online at [www.powerurfun.com](http://www.powerurfun.com) for product information and replacement parts.

# UFO1 User Manual

## Product Dimensions:



## **WARNING**

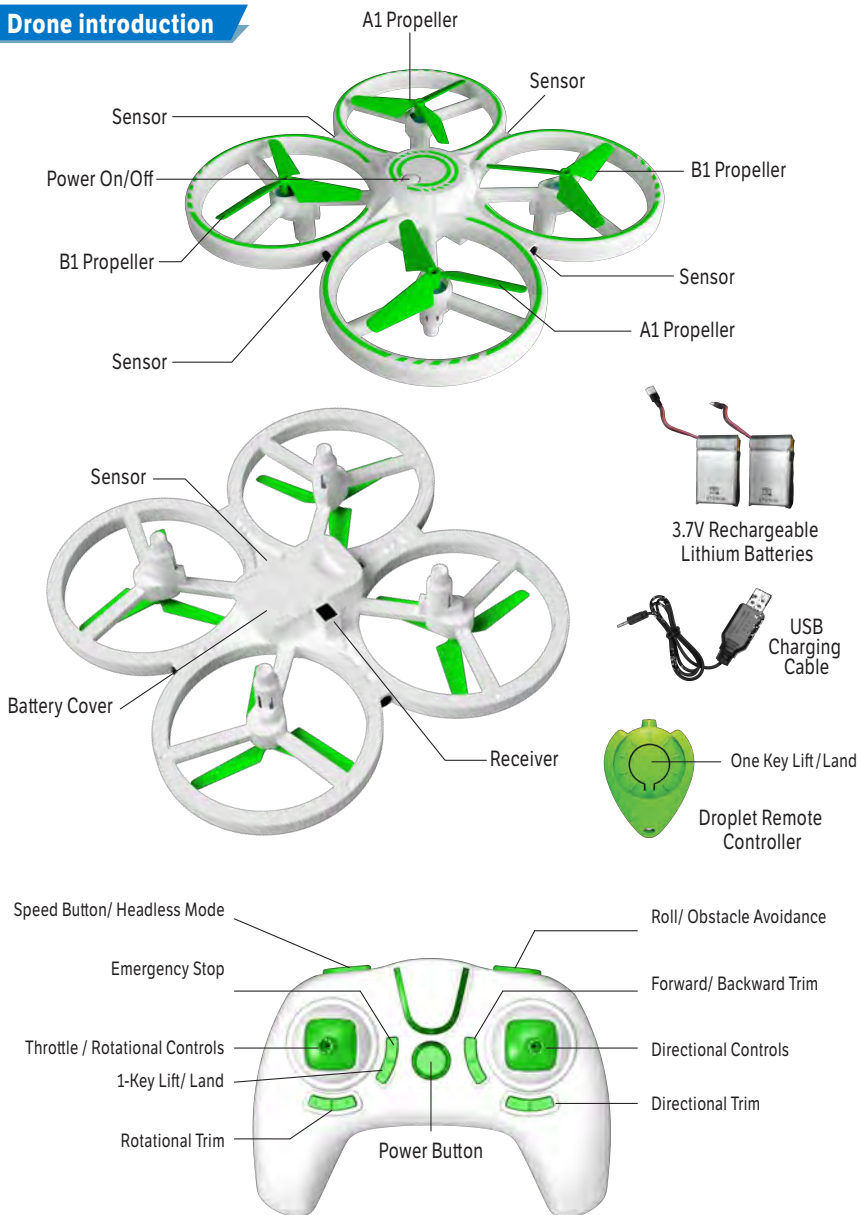
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- Please follow and retain this instruction manual for proper installation and use.
- Some parts must be assembled by an adult.
- Choking Hazard: Product contains small parts.
- To avoid danger of suffocation, keep plastic packaging away from children and babies.
- Periodically check the charger cords and wire plug for damages.
- If you find damage, immediately stop using until repairs have been made.
- The charger, battery pack, and the charging device must be inserted into a power source that matches the voltage level specified on the product labeling.
- Do not alter the configuration of the charger or use other than specified.
- Do not use non-rechargeable batteries.
- Adult supervision is required when charging the rechargeable battery.
- Do not mix old and new batteries or batteries of different types. Non-functioning rechargeable batteries should be brought to a recycling center for proper disposal.
- Keep batteries in a cool, dry place and away from fire.
- Remove the batteries from the product when not in use for extended periods of time.
- Do not touch the propellers when the drone is powered on.
- Do not allow serious impact or dropping of drone or remote control to occur.
- Clean the product with a soft, clean cloth.
- The manufacturer and the distributor take no responsibility for any damages caused by improper operation of this product. Users are responsible for ensuring that the product does not cause damage to itself, its user, or other people.

## Notice

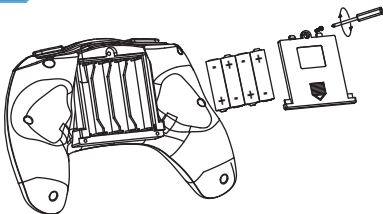
1. When the drone battery is low, the UFO1 will lower its altitude and land.
2. Do not operate the UFO1 if it is damaged or deformed.
3. Remove the batteries from the transmitter when storing for extended periods of time.
4. If the UFO1 collides and falls to the ground, allow the drone to reorient itself on a horizontal surface for 2-3 seconds before flying again.

## Drone introduction



## Remote Transmitter Battery Installation

1. Remove the battery cover with the included screwdriver.
2. Install 4 AAA batteries with appropriate polarity direction.
3. Reinstall the battery cover with the included screwdriver.



## ATTENTION

- A. The positive and negative electrodes of the batteries should match the corresponding polarity of the battery compartment. Do not switch the polarity under any circumstances.
- B. Do not mix old and new batteries or different types of batteries.

## Lithium Battery Charging Instructions

1. Remove the battery as indicated in Figure A and Figure B by opening the battery hatch, unplugging, and then removing the battery from the compartment.
2. Connect the battery to the USB charging cable.
3. Connect the USB charging cable to your desired USB charging port. The charging light will turn on.
4. When the battery is fully charged, the light on the USB charging cable will turn off.

## ATTENTION

Please remove the battery from the drone before charging.



Figure A

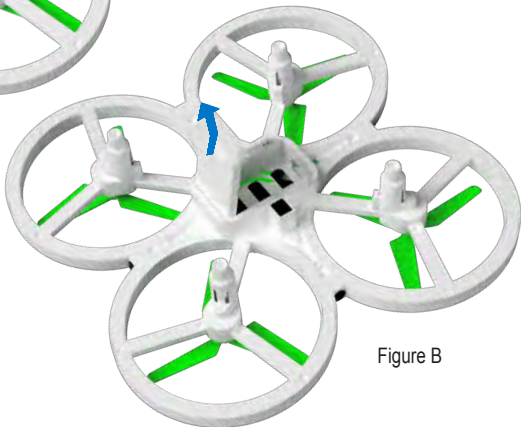


Figure B

## Lithium Battery Charging Precautions

- For your safety, only use the USB charging cable provided.
- Do not charge swollen, worn, or damaged batteries.
- Never overcharge. Immediately disconnect the USB charger when the battery is fully charged.
- If the battery is overcharged, it may overheat. Immediately stop charging if the plug has overheated or you may cause damage to the battery.
- Please supervise the charging process at all times; do not leave unattended.
- The charging temperature must be between 32°F and 100°F.
- Do not charge the batteries near flammable materials or on surfaces that can conduct electricity.
- Please do not short-circuit the batteries.

## Pairing the Drone Before Operation

1. After the battery is properly connected, place the UFO1 on a flat horizontal surface and long-press the drone's power switch. The drone's LED lights will flicker on and off.
2. Press the power switch on the remote controller until you hear the controller "beep" and the lights on the drone stop flashing. Push the throttle lever to its highest position and then pull it back to its lowest position. Your remote is now successfully paired to the drone.
3. If you have multiple drones, each will need to be paired separately, one by one.

**TIP:** The Blue LED lights indicate the front of the drone.

## Drone Flight Environment




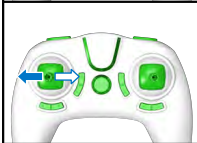






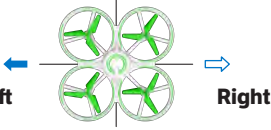
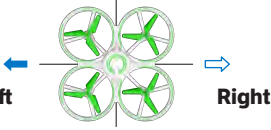
1. Always operate the drone in a spacious environment free of obstacles.
2. Operate the drone indoors or in dry, low-wind environments.




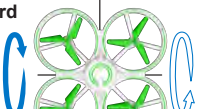




### **ATTENTION**

- A. DO NOT operate the drone near the road or in harsh weather conditions.
- B. Visit [faa.gov](http://faa.gov) to review current rules and regulations before flying the drone.
- C. This drone does not require registration as it weighs 2.5 ounces (below .55 lbs.).
- D. This drone does not include a serial number.
- E. Please ensure the flight area is approved by your local government.
- F. Do not operate the drone within a radius of 5,500 yards from airports or densely populated areas.
- G. The maximum remote-control flight radius for this drone is 55 yards.  
Accidents may occur if you attempt to operate the drone outside of the 55-yard radius.
- H. Before flying, identify the front (Blue LEDs) and back (Green LEDs) ends of the drone and maneuver at a distance of 3.5 yards behind the drone.
- I. For optimal performance, please ensure the remote transmitter is oriented behind the back end of the drone.

## Basic Flight Control

	<p><b>Ascending</b></p>  <p><b>Descending</b></p> 	<p>Push the throttle stick upward, the drone will ascend.</p> <p>Push the throttle stick backward, the drone will descend.</p>
	<p><b>Rotate Left</b></p>  <p><b>Rotate Right</b></p> 	<p>Push the throttle stick to the left, the drone will rotate left.</p> <p>Push the throttle stick to the right, the drone will rotate right.</p>
	<p><b>Forward</b></p>  <p><b>Backward</b></p> 	<p>Push the directional control stick forward, the aircraft will go forward.</p> <p>Push the directional control stick backward, the aircraft will go backward.</p>
	<p><b>Left</b></p>  <p><b>Right</b></p> 	<p>Push the directional control stick to the left, the drone will fly to the left.</p> <p>Push the directional control stick to the right, the drone will fly to the right.</p>


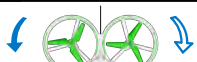
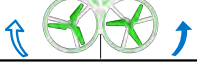







## Flips & Rolls

<p>Press the roll button; the remote transmitter will "beep."</p> 	<p><b>Flip Forward</b></p>  <p><b>Flip Backward</b></p> 	<p>Push the directional control stick upward to perform a forward flip, and backward to perform a backward flip.</p>
<p>Press the roll button; the remote transmitter will "beep."</p> 	<p><b>Roll Left</b></p>  <p><b>Roll Right</b></p> 	<p>Push the directional control stick left to perform a left roll, and right to perform a right roll.</p>

## Flight Trim Controls

After launching your drone, you may experience unintentional drifting or rotating. To fine-tune your drone's flight stability, please follow the trim adjustment procedures described below.

Note: When the drone is 1 foot above the ground, it will become unstable due to the influence of its own blade eddy current, which is called the "ground effect response." The lighter the drone, the greater the impact of the ground effect response.

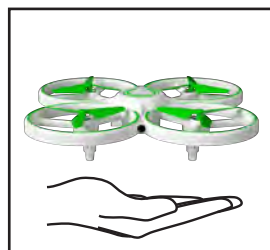
	<p>Rotates Left </p> <p>Rotates Right </p>	<p>When the drone rotates to the left, trim to the right until corrected.</p> <p>When the drone rotates to the right, trim to the left until corrected.</p>
	<p>Drifts Forward </p> <p>Drifts Backwards </p>	<p>When the drone drifts forward, trim backward until corrected.</p> <p>When the drone drifts backward, trim forward until corrected.</p>
	<p>Drifts Left </p> <p>Drifts Right </p>	<p>When the drone drifts to the left, trim to the right until corrected.</p> <p>When the drone drifts to the right, trim to the left until corrected.</p>
	<p>If the altitude of the drone is abnormal, the drone may be reset: While the drone is sitting on a flat horizontal surface, simultaneously press and hold both the throttle and directional control sticks down and to the left. The drone's LEDs will flash and then become solid again. Release the sticks. Your drone is now reset.</p>	

## Other Drone Functions

### Hand Toss Induction Mode

Place the drone on a flat horizontal surface and hold the power button on the top of the drone until the lights flash on. While the drone lights are flashing, you may pick the drone up and gently toss it up into the air. The drone will enter into Induction Mode. When a hand or any object approaches the bottom sensor, the drone will automatically rise and then slowly descend until it senses another object below it.

When a hand or object is sensed by the front or rear sensors, the drone will react by moving in the opposite direction. Press the button on the droplet remote to land the drone. When the drone enters the Hand Toss Induction Mode, the remote transmitter can be used to align the aircraft. Please note that after alignment is completed, the drone will cease operating in Induction Mode and enter into Remote Control Mode.



## Infrared Induction Mode

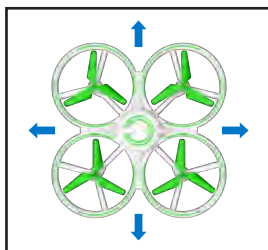
When you are in Induction Mode, you may enter into Remote Control Mode by powering the remote transmitter ON and then pressing the throttle stick up and then down. You will then have full control of the drone.

To enter back into Induction Mode, turn the remote transmitter OFF, then press the button on the droplet remote. You will then be in Induction Mode.



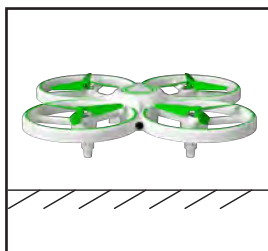
## Headless Mode

While flying the drone, position yourself behind the drone and long-press the top left button. The remote will beep steadily and the drone will automatically orient its flight movements forward/backward from your position.



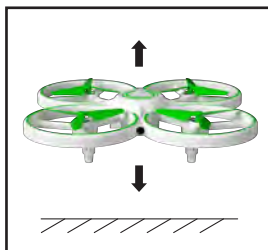
## Emergency Stop

If you ever need to abruptly land the drone, long-press the emergency stop button to land the drone quickly.



## 1-Key Lift / Land

While the drone is on a flat horizontal plane and successfully paired, press the 1-Key Lift button to launch it in the air. While flying, you may press the same button again to land the drone.



## Droplet Remote Mode

While the drone is on a flat horizontal plane and powered ON, the droplet remote button will launch it in the air and enter into Induction Mode. While flying, you may press the same button again to land the drone.





**POWER**  
**YOUR FUN**