



32 FOOT RC RANGE



INDOOR/OUTDOOR



EXPERIENCE LEVEL

# HALOSPIN INSTRUCTION MANUAL



 **Odyssey**  
\*toys\*

# Safety Instructions

Note: Please read the instructions carefully before operation.

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 32ft (10 meters).

## SAFETY INSTRUCTIONS

- This product contains small parts which are a choking hazard. Keep away from small children.
- 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, 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.
- Do not put the battery into fire or put it next to a heat source such as a heater.
- Do not disassemble or pierce the battery with sharp objects.
- Please do not place the battery in a damp place or in water, and it is strictly forbidden to get wet. Please do not fly on rainy days.
- 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 immediately.
- Please wipe the drone with a clean soft cloth.
- Check whether the drone and its accessories are damaged. If so, please repair them before using them.
- Manufacturers and dealers disclaim all responsibility for damage caused by misuse.
- Keep hair and loose clothing away when powered on.
- Check the batteries regularly for potential leakage or corrosion that may occur.
- When installing the batteries carefully follow the polarity marking +/-.
- Do not mix different battery types.
- Remove exhausted or drained batteries.
- Do not place the unit near powerful, un-shielded magnets.
- Do not expose the unit to extreme hot or cold temperatures.
- Do not hit, drop, or smash the unit or battery with extreme force.

NOT FOLLOWING THESE PRECAUTIONS WILL VOID YOUR WARRANTY.

## FCC STATEMENT:

FCC ID: 2ANSF-HSBSV

This product 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 receiver, including interference that may cause undesirable operation.

## BATTERY PROTECTION

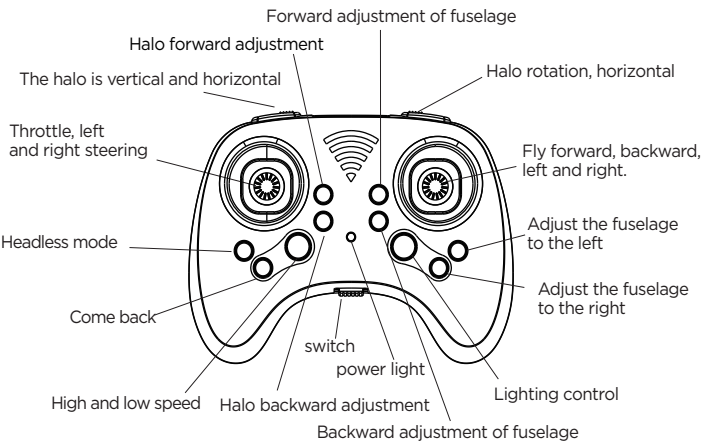
**Under-voltage protection function of drone battery:** When the battery is low, the protection program will cut off the power supply of drone motor. The battery must be charged before continuing to fly.

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

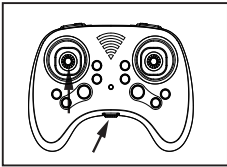
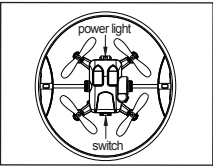
# Remote Control Functions

## REMOTE BATTERY INSTALLATION

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

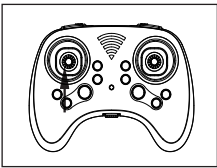
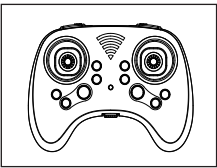


## BOOTING AND FREQUENCY MATCHING

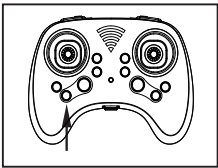


Put the drone on level ground, with the nose facing straight ahead, press the power switch, and the indicator light in front of the fuselage will flash.

Turn the power switch to the right, and 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. After doing so, the body light will also be on, and the remote controller light will be on, and the frequency alignment will be successful.



→




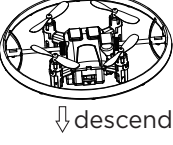

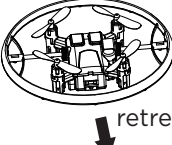

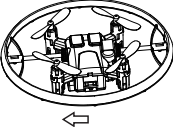
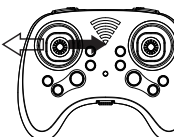
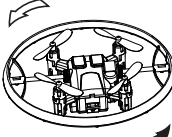
Press the light control key, and the halo light will light up in any mode.

Push the left rocker upward, and the propeller will rotate slowly.

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





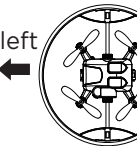

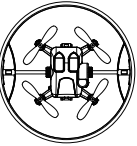

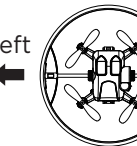

# Controls and Operations

|  |  |
|--|--|
| <p>Up and down</p>   <p>↑ rise</p> <p>↓ descend</p>                              | <p>Front and back</p>   <p>↖ advance</p> <p>↘ retreat</p>     |
| <p>Left and right sides</p>   <p>→ Fly to the right</p> <p>← Fly to the left</p> | <p>Left and right</p>   <p>↶ Turn left</p> <p>↷ Turn left</p> |

## HEADLESS MODE

When the headless mode button is pressed, the remote controller makes a drip ... drip ... drip ... sound, and the drone lights flash. The drone will have entered headless mode. In headless mode, the fuselage rotates, and the drone defaults to the direction it was facing when it enters headless mode.

Note: There is no headless mode function while the halo is rotating.

|   |  |
|---|--|
| <p>↑ front</p>   <p>↖ left</p> <p>↘ right</p> <p>↓ back</p> | <p>↑ front</p>   <p>↖ left</p> <p>↘ right</p> <p>↓ back</p> |
| <p>↑ front</p>   <p>↖ left</p> <p>↘ right</p> <p>↓ back</p> | <p>↑ front</p>   <p>↖ left</p> <p>↘ right</p> <p>↓ back</p> |

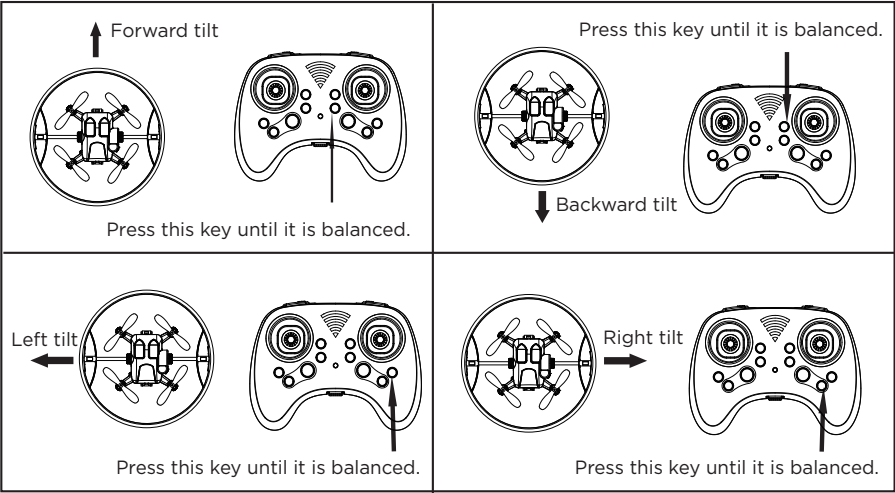


# Settings

## RECALIBRATION

If the drone leans in a certain direction when hovering, it needs to be re-calibrated. The method is as follows:

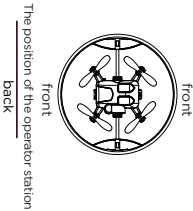
1. Land the drone on the ground and wait for the propeller to stop completely.
2. Aim the drone's head in the same direction as the remote. Hit the two rockers in the direction indicated by the arrow below. The remote controller will make the "drip" sound, and the fuselage light will flash, and then lights up, when calibration is completed.



## ONE-BUTTON RETURN FLIGHT

When you press the Return button, the remote controller will make a sound - 'Didi Didi Didi', the lights on the drone will start flashing, and the drone will return. By default, the direction the drone takes off in is forward, and it will start to return in the opposite direction when Return button is pressed. When it has returned, 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).  
Note:

1. Before operating the one-button homing function, it is necessary to ensure that the head direction is consistent with the 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 the drone will fly away from the controller. (The positional relationship between the drone and the controller is shown on the right.)
2. When the halo rotates, there is no one-button anti-return function.

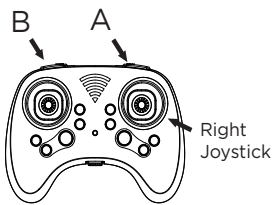


# Settings

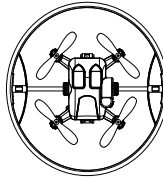
## HALO MANIPULATION

When the drone takes off and you press button A (shown in the diagram), the halo will rotate, forming a beautiful halo in the air. Pressing button A again will stop the halo at a position parallel to the fuselage. **However, when engaging the halo spin (button A), the drone may jump forward, which can be counteracted by pulling back on the right joystick.**

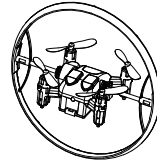
When B button is pressed, the halo switches between the horizontal position and the vertical position with the fuselage.



The halo is parallel to the fuselage.



Vertical halo

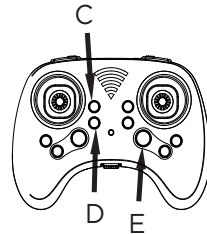


**Note:** When the halo is stuck, it stops rotating and stops at any position. At this time, you can't forcibly pull the halo by hand, restart it and the halo will return to the horizontal position.

## HALO POSITION ADJUSTMENT

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 has not taken off.



## LIGHT MODE SWITCHING

When E button is pressed short, the halo light will light up, and then switch the light mode on. Long press this button to turn off the halo light.

**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.

# Blades and Charging

## 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. 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.

## 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.

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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 to a different outlet 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.

## 60 DAY LIMITED WARRANTY

Odyssey Marketing / Odyssey Toys warrants to the original purchaser, when used in North America only, that this product shall be free of defects in material and workmanship. This warranty applies within 60 days of the original purchase date with normal home use. This warranty does not apply for commercial use of this product. Use outside of North America is not covered by this warranty. During the warranty period, we will at our discretion, repair or replace this product without charge, as long as the product has not been abused or mishandled as by our determination. Our determination shall be final and be the consumer's sole remedy.

ALL RETURNS must be accompanied by a Return Authorization Number which is issued by Odyssey Marketing's Customer Service Department.

Please contact Customer Service BEFORE returning any products or parts thereof. Once you have obtained

a Return Authorization Number, you will be provided a return address within the Customer Service email.

This warranty does not cover installation, adjustments in the home, nor damage due to accidents, misuse, abuse, fire, or any acts of God, incorrect line voltage, damage to other equipment caused by improper installation, unauthorized or improper modifications. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

**\*\* THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.\*\***

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## Common Faults and Troubleshooting

| Serial Number | Fault Phenomenon  | Failure Cause   | Maintenance method   |
|---------------|---|---|--|
| 1             | When idling, the propeller does not turn.   | 1. Propeller and stuck motor housing<br>2. Hair, silk thread and other articles are entangled at the propeller. | 1. Pull the propeller up properly to make the propeller rotate flexibly;<br>2. Clean up the entanglement.                                    |
| 2             | Planes can take off but always lean to one side.  | The drone was not placed horizontally when it was turned on.  | Put the drone on a level ground and recalibrate it.  |
| 3             | After the drone hits, taking off immediately will lean to one side.                       | Gyroscope is not reset  | Put the drone on a level ground and recalibrate it.  |
| 4             | Always take off to one side and can't take off.   | The propeller is installed backwards.   | Reinstall the propeller. Propeller A is installed in the position of fuselage A, and propeller B is installed in the position of fuselage B. |
| 5             | After the impact, the halo can't stop in a horizontal position.                           | The program started protection.   | Reboot can restore to the horizontal position.   |
| 6             | The battery cannot be charged.  | Poor contact between charger and charger  | 1. Replace the charger<br>2. Replace the charging cable.   |
| 7             | The remote control keeps sounding "drip, drip"  | The headless mode or return function of the remote control is turned on.  | Turn off headless mode or return function.   |
| 8             | The remote controller keeps sounding "drip, drip" and the indicator light keeps flashing. | Low battery   | Replace the battery  |

Please do not return this product to the store.

For Customer Service please email:  
Care@OdysseyToys.com

Please note the units model number and name in your email:  
Model no. ODY-7700 • HaloSpin

[www.odysseytoys.com/support](http://www.odysseytoys.com/support)

1-(305)-933-4480

Hours of operation: 10:00am - 5:00pm EST

