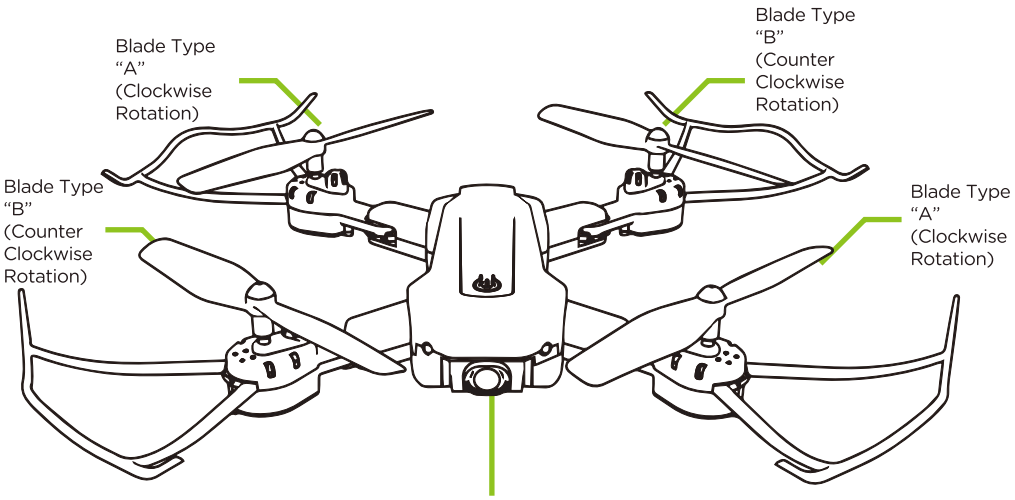
Odyssey toys

ULTRALIGHT CAMERA DRONE

Up to 18 minutes flight time!

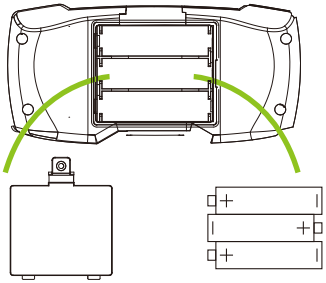


Included:
1x Drone
1x Drone Remote Controller
2x Rechargeable Drone Batteries
1x USB Charging Cable
4x Standard (Non LED) Replacement Rotors
4x Rotor Guards
1x Screwdriver

Ready. Set. Fly!

Approximate Charging time:
130 minutes
Approximate Flight Time:
7-9 minutes (per battery)

RADIO CONTROL TRANSMITTER • BATTERY INSTALLATION



Step 1:
Unscrew the screw holding the battery lid to the body. Then lightly pull the clip to pull the lid away from the transmitter body.

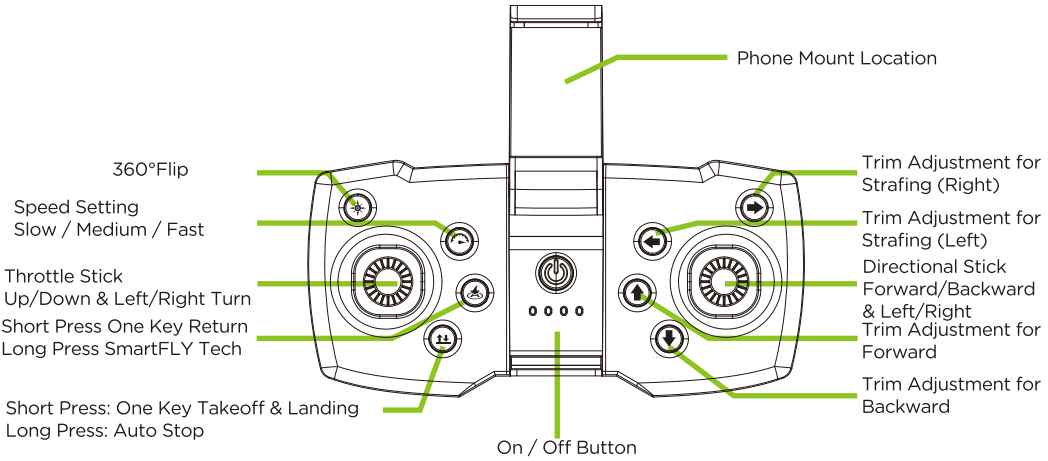
Step 2:
Insert 3xAA batteries into the battery compartment, making sure to match the polarities. Then replace the lid and firmly tighten the screw to secure the battery compartment.

CAUTION: If the Radio Control Transmitter will not be used or stored for extended periods of time, please remove the batteries.

WARNING: Please check the AA batteries routinely. If the AA batteries are left within the Radio Control Transmitter, potential leakage and/or corrosion may occur which can damage the transmitter and create a fire hazard.

- Do not mix old and new batteries.
- Do not mix alkaline batteries, standard (carbon-zinc) or rechargeable batteries.

RADIO CONTROL TRANSMITTER • FUNCTIONS



SmartFLY Tech: Press and hold to initiate.

Tip: To view the camera feed from the Drone you need to install the app on your smartphone. Please follow the separate app instructions included in the box.

CHARGING THE DRONE'S BATTERY

Step 1:

Locate the battery compartment underneath the Drone and slide the cover back to allow the battery to drop out of the Drone.

Step 2:

Take the USB charging cable and connect port B to the drone battery.

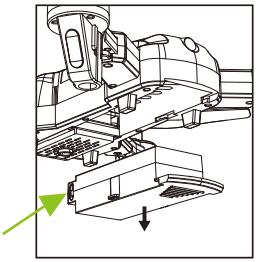
Step 3:

Connect port A to a USB port like a computer or a 5v1a Class 2 USB charging adapter.

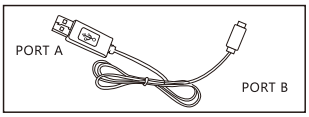
Step 4:

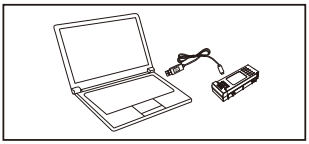
When charging is complete reinstall the battery into the drone.

Step 1



Step 2 &3





CAUTION: The battery may be hot if being disconnected right after use. If hot, then wait a few minutes to let the battery cool down. When charging do not leave the battery unattended to keep from overcharging. Overcharging the battery will lead to battery damage.

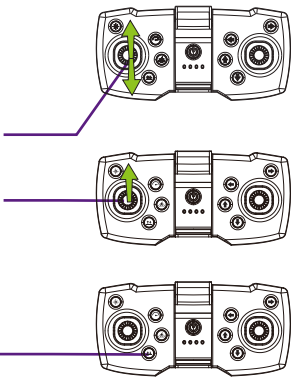
NOTICE: When charging the LED light on the battery will light up red, indicating it is charging. Once charging is complete, the LED light will turn green.

NOTICE: If the Drone is not going to be used for extended periods of time, please disconnect the battery from the Drone to avoid damage to the battery.

★ Note Charging your Drone battery will take approximately 130 minutes. A full charge will provide an approximate 7-9 minutes of flight time depending on WIFI camera use, wind conditions and your individual flying style.

BASIC TAKE OFF AND FLIGHT TIPS!

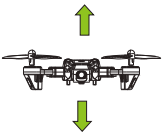
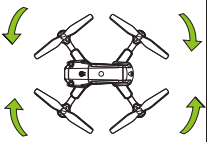
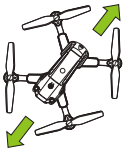
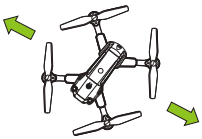
1. Turn on the Drone and lay it flat on the ground. The Drone lights will flash to indicate it is ready to pair.
2. Turn on the remote. To pair the Drone push the left sticks up and down quickly. The drone will beep to confirm successful pairing and the Drone lights will stop flashing.
3. Push the left stick up quickly and release to start the motors.
4. Push up on the left stick to ascend.
5. Send your Drone in any direction using the right joystick and have fun.
6. When you are ready to land short press the start/stop button to initiate autoland.



★ Tip 1. Engage SmartFLY Tech if you often get turned around and confused about directional flying (read more on next page).

★ Tip 2. Your Drone will automatically hover at a stable altitude. You can still take it higher or lower by using the left joystick.

GOING TO FLIGHT SCHOOL • CONTROLS

ASCEND/ DESCEND	Push the left joystick (throttle) up to ASCEND. Ease the throttle (left stick) downwards to DESCEND.		
LEFT/ RIGHT ROTATING	To ROTATE LEFT or RIGHT: Push the left joystick to the left to turn left or right to turn right.		
FORWARD/ BACKWARD MOTION & STRAFING	To GO FORWARD & BACKWARD Push the right joystick up to make the Drone fly forward. Push it down to make the Drone fly backward.		
NOTE: Strafing is useful when you want to make the unit go side to side or go around obstacles where it might be difficult to turn or rotate the unit.	To STRAFE LEFT & RIGHT: Push the right joystick to the left to make the unit go sideways to the left without turning (this is called strafing). Push the right joystick to the right to make the unit go sideways to the right without turning.		

ADVANCED FEATURES

AUTO STOP

If you need to emergency stop the Drone propellers for any reason press and hold the auto stop button.

Be careful as the Drone will immediately fall to the ground and could become damaged.

SMARTFLY TECH

This Drone features an advanced SmartFly Tech feature.

Generally when you are flying a Drone, the front and back of the Drone change position relative to the Drone pilot. This can make it difficult to tell which direction the Drone is flying in. SmartFly Tech helps you take control over the Drone's directions as forward will always be facing the way that you (the Drone pilot) are facing.

Initiating SmartFly Tech:

1. Before taking off, place the Drone on a flat surface and ensure the front of the Drone is facing away from you.

2. Start the propellers spinning, then long press the SmartFly Tech button until the controller beeps. The Drone will flash to indicate SmartFly Tech is enabled.

3. Takeoff and fly the Drone.

To disengage SmartFly Tech, land the Drone and long press the SmartFly Tech button until the controller beeps. The drone lights will stop flashing.

ONE KEY RETURN

This Drone can automatically return to the pilots location - all the pilot needs to control is the Drone's height.

It is very important that the rear of the Drone (identified by the red marker lights) is facing the pilot before initiating this feature. If the Drone is not orientated correctly the Drone will not return to the correct location.

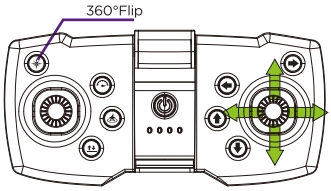
1. During normal flight allow the Drone to hover and make sure it is orientated with the rear facing the operator.

2. Long press the "one key return" button, the Drone will fly back towards the operator. When the Drone is close to you take over the flight controls to bring the Drone to a safe landing.

It is very important to pay close attention to the Drones position as it flys back towards you. If you do not take control the Drone may fly past your position.

360° FLIP

Press the 360º FLIP button on the top right of the transmitter to have it perform amazing, acrobatic 360º flips! Fly the Drone up to a minimum height of 10ft, press the 360° Flip button and immediately push the right joystick up, down, left or right to do a flip.



THE LED ROTORS

Turning on the LED Effects

To turn on the amazing LED rotor effects, locate the micro switch on the side of each rotor and turn to on.

You will need to turn each of the four individual rotors on for the full effect.

Once you have finished flying turn the switches off to save battery life.

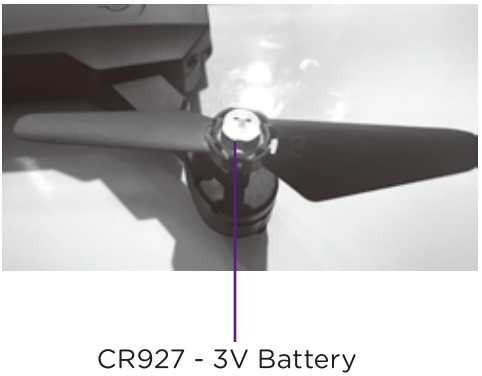
Replacing the LED Effect Batteries

If one of the rotor's LED strips does not light up, the batteries should be replaced.

To replace the batteries carefully pry the center rotor cap up to reveal the battery compartment.

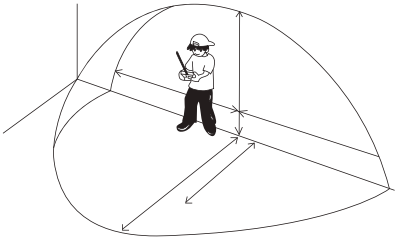
Remove the old CR927 3V button cell battery and replace with a new unused battery.

Replace the center rotor cap.



FLYING SAFE • SITUATIONAL AWARENESS

Always fly on a sunny, bright day with as little wind as possible. Flying in extreme heat or cold can adversely affect your flying control and response of the vehicle.



After connecting the battery, place the Drone on the ground. Please wait for approximately 5-7 seconds to allow the digital gyro to electronically stabilize.

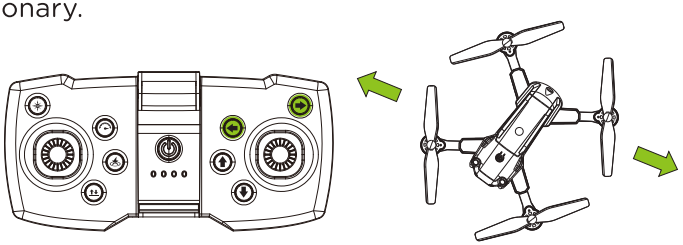
TRIM ADJUSTMENTS

If your Drone moves by itself with no input from the controller, then you should adjust the trim.

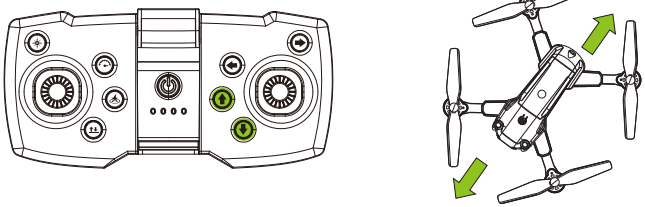
For best results, move the throttle up and raise the Drone approximately 2-3 feet (0.5-1 meter) in altitude.

1. Take a note of the orientation and front of your Drone when adjusting the trim.
2. Without using the flight sticks on the controller match up the direction the Drone moves with the diagrams below.
3. Tap the corresponding highlighted button repeatedly until your Drone is stationary.

Continual STRAFING to the left or right:



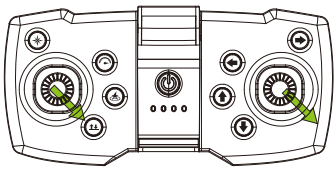
Continual MOVEMENT forward or backward:



★ Tip You may need to adjust both strafing and forward back movement trim for accurate control.

RESETTING THE UNIT

1. Lay the Drone flat and still on a level surface.
2. Push both the left and the right joystick to the bottom right corner position until the LEDs lights blink and the controller beeps.
3. The reset operation is completed.



REPLACING THE DRONE'S ROTORS

If one of the factory installed rotors become damaged you can replace it by following these steps:

Note that the replacement rotors provided do not feature LEDs. If you need to replace a rotor and would like to retain the LED function you can purchese LED blades from our our webstore at www.odysseytoys.com.

Step 1:

Look carefully at the top of the damaged rotor for a letter A or B. This indicates the replacement rotor that needs to be used.

Step 2:

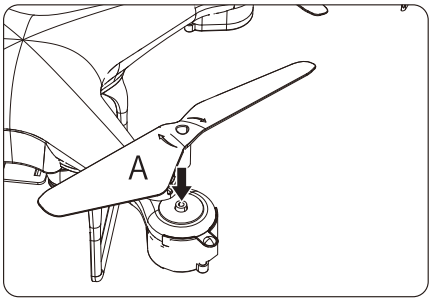
Use the included screwdriver to remove the screw on the side of the rotors hub, and carefully pull the damaged rotor up to remove.

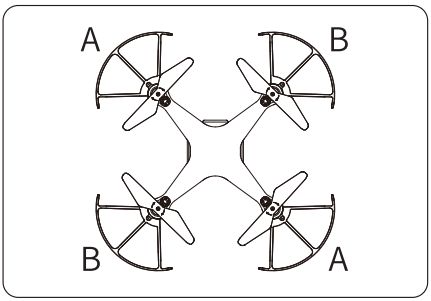
Step 3:

Align the replacement rotor with the hub and push down securely.

Step 4 :

Replace the screw in the rotors hub, and tighten securely.





TROUBLESHOOTING

PROBLEM	POSSIBLE SOLUTIONS
No Power With the Transmitter	• Check to make sure the power switch is in the ON position. • Check to make sure the batteries are installed correctly. • If the batteries are installed correctly, they may be exhausted.
Cannot Control the Drone	If the Drone is hard to control check the following: • The vehicle may fly erratically if wind conditions are too strong. Fly the vehicle under calm conditions. • Make sure the radio control transmitter has paired correctly with the vehicle. If not, power down the vehicle and the radio control and start over. • Perform unit reset.
Ascending Failure	If the unit fails to go up in altitude or goes up too slowly, try the following: • Make sure the throttle is being raised sufficiently. • The battery of the Drone might be too discharged for safe or satisfactory operation.
Blinking Unit LED	When the LED on the unit begins to blink, this indicates a low battery condition. Please charge the unit again.

WARRANTY

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.**

For Customer Service please email:
Care@OdysseyToys.com
Please note the units model number and name in your email:
Model no. ODY-1955LIT • Ultralight

For questions or assistance on installation, parts or operation contact: Odyssey Toys at 1-(305)-933-4480.
Hours of operation: 10:00am - 5:00pm EST
Email: Care@OdysseyToys.com
or visit us online at: www.odysseytoys.com/support
20855 NE 16 AVE C-4, Miami FL, 33179

CAUTIONS & WARNINGS

- Suitable for ages 14 and up. Adult supervision is always recommended.
- This product contains small parts which are a choking hazard. Keep away from small children.
- Keep Drone at least 10 feet away during use.
- Accurately assemble the Drone and fly it under the guidelines of this manual. Small parts should be installed by an adult.
- Manufacturers and dealers disclaim all responsibility for damage caused by misuse.
- Keep hands, hair and loose clothing away from rotors when powered on to prevent damage to the vehicle or serious injury to oneself or others around.
- The Drone should never be flown in high winds in excess of 5 MPH or near a pool.
- Never leave the device unattended when being charged.

FCC STATEMENT
FCC ID: 2A7OQ-666888 / 2AWZK-S88812
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.

CARE & MAINTENANCE

- Do not submerge the unit in any liquids.
- Keep the unit dry.
- Disconnect the unit USB power sources when not in use.
- 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 with extreme force.
- Do not disassemble the unit for any reason.

NOT FOLLOWING THESE PRECAUTIONS WILL VOID YOUR WARRANTY.

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.

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

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.

MANUFACTURED FOR ODYSSEY TOYS

MADE IN CHINA