

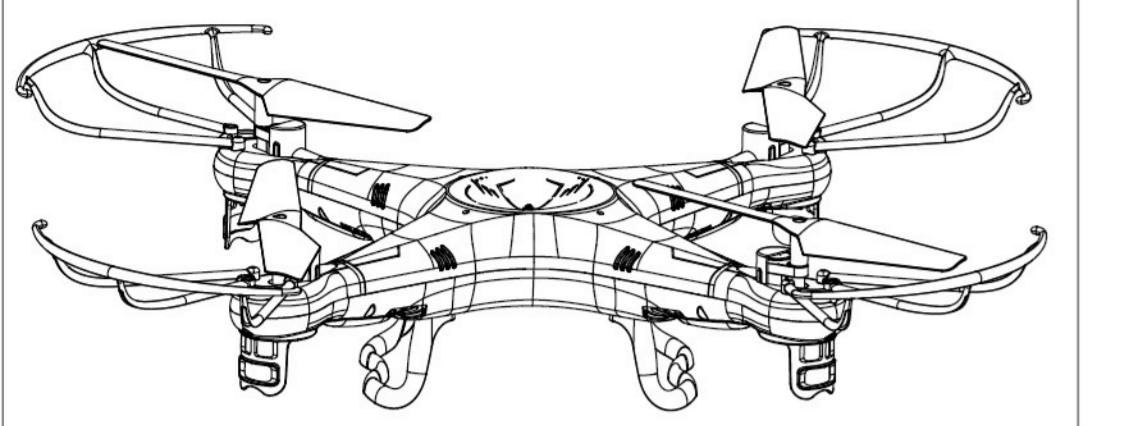
This product is recommended for ages 14+, but should always be used with adult supervision.

Thank you for purchasing our product. In order to safely enjoy this UFO, please read this manual carefully before using. Please keep it for future reference.

For Ages 14+
RECOMMENDED

GRAVITY UFO 2.0

4CH 2.4GHz REMOTE CONTROL QUADCOPTER



INSTRUCTION MANUAL

Key Features of Quadcopter

- Quadcopter design makes the aircraft more quick and agile when flying, while maintaining its speed. It is wind-resistant and can be flown both indoors and outdoors.
- Built-in 6-Axis gyroscope for precise hovering in the sky.
- Simple modular design makes it easy to change parts.
- Equipped with 360° 3D Eversion and throwing flight functionality.

INTRODUCTION

- This product is not a toy, but a detailed piece of equipment that integrates mechanics and electronics, and uses aerodynamics and high-frequency transmitting. This product requires correct assembly and debugging in order to prevent any unforeseen accidents from occurring. The product owner should always operate the aircraft in a safe manner. Please note that the manufacturer will not take responsibility for any unforeseen situations that may result in severe injury, or loss of property.
- This product is suited to be flown by users no younger than 14 years old, with sufficient experience in flying model devices and vehicles.
- Product should be flown in an area with adequate space, with no regulations or restrictions on remote-controlled flying devices.
- Once the product is sold, the manufacturer is not responsible for the safety of the user while operating or controlling this product.
- The suitable outside flying temperature of the product lies between minus ten, to forty degrees centigrade.

SAFETY & PRECAUTIONS

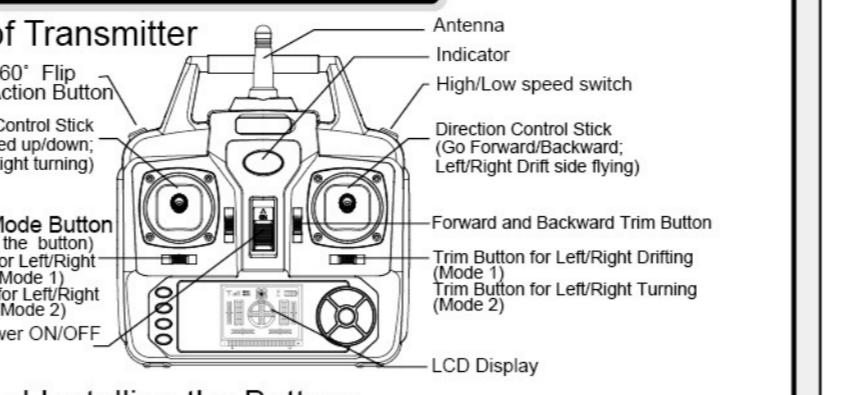
- This R/C flying device is a highly dangerous product. It is the duty of the user to assess and consider all possible risks that may occur while operating this product.
- Keep the aircraft far away from any crowds or tall structures.
 - Do not use the product in the rain, or any other forms of precipitation.
 - Keep the aircraft away from strong heat sources.
 - Always follow proper safety guidelines, and have proper supervision when using this product.
 - Turn the product on and off through the use of the "ON/OFF" switch. Please refer to the diagram below, as the incorrect use of the product's electronics may put bystanders, and ultimately, the user at risk.

CONTENTS

- Quadcopter
- Transmitter
- Main blades
- Screw 4PCS
- USB Charging Cable
- Screwdriver
- Instruction manual

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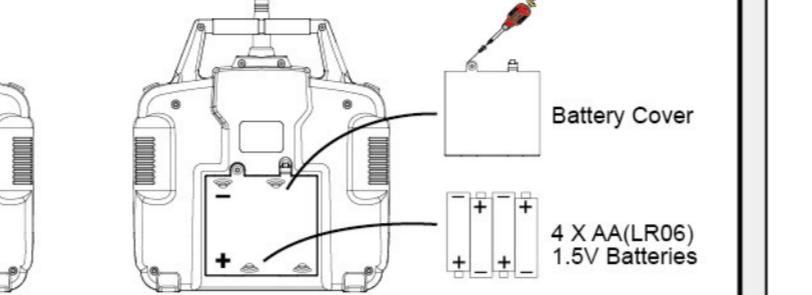
GET TO KNOW YOUR TRANSMITTER



Introduction of Transmitter

- Antenna
- Indicator
- High/Low speed switch
- Direction Control Stick (Go Forward/Backward, Left/Right Drift side)
- Forward and Backward Trim Button
- Headless Mode Button (Press down the button) Trim Button for Left/Right Drift side
- Trim Button for Left/Right Drift (Mode 1) Trim Button for Left/Right Turning (Mode 2)
- Power ON/OFF
- LCD Display

Remote control Installing the Battery

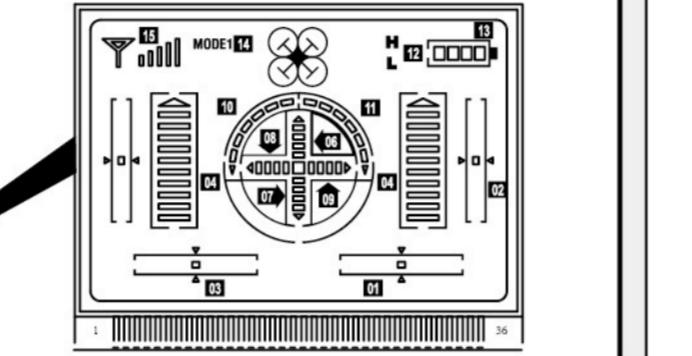


- Figure 1
Figure 2
Battery Cover
4 X AA(LR06) 1.5V Batteries

1.Use a screwdriver to remove the screw on the back of transmitter then open the battery cover (Figure 1).
2.Install 4 "AA" batteries (not included) into the back of transmitter,then replace battery cover and reinstall the screw (Figure 2).

1. Install batteries with correct polarity.
2. Do not mix old and new batteries.
3. Do not mix different types of batteries.

REMOTE CONTROL KEYPAD AND LCD MANUAL



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- 01.Drift Left/Right Flying Trim (Mode 1) / Turn Left/Right (Mode 2)

- 02.Forward/Backward Trim

- 03.Turn Left/Right Trim (Mode 1) / Drift Left/Right Flying Trim (Mode 2)

- 04.Throttle Speed

- 06/07/08/09. Direction Control Display

- 10/11.Turn Direction

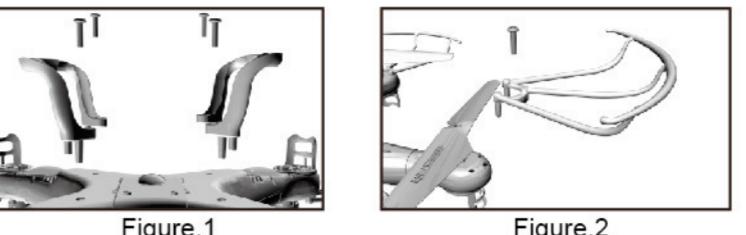
- 12.High/Low speed

- 13.Battery Strength for Transmitter

- 14.MODE

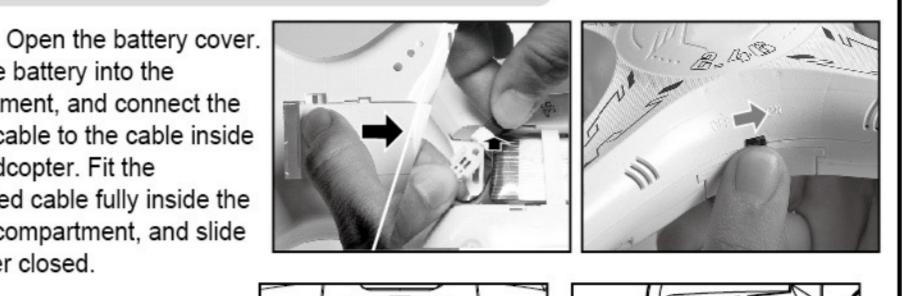
- 15.Signal strength between quadcopter and transmitter

INSTALLING LANDING SKIDS & GUARDS



- Figure 1
Figure 2
1. Install the landing skids on the bottom of quadcopter (Figure 1).
2. Install the blade guard to every corner and secure with screw as shown (Figure 2).

READY TO FLY YOUR QUADCOPTER

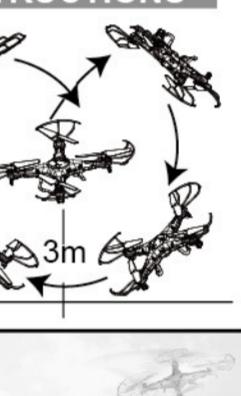


- Step 1: Open the battery cover. Slide the battery into the compartment, and connect the battery cable to the cable inside the quadcopter. Fit the connected cable fully inside the battery compartment, and slide the cover closed.
Step 2: Slide the switch on the quadcopter to the ON position. Place the quadcopter on level ground with the GREEN lights facing forward and the user about 5 feet directly behind it.

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INTRODUCTION OF QUADCOPTER FUNCTIONS

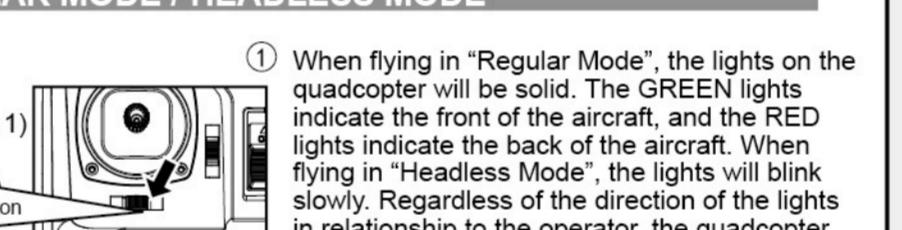
3D EVERSION AND THROWING FLIGHT INSTRUCTIONS



Tips: 360° ACTION FLIP works best when the battery is at a full charge.

Thanks to the 6-Axis gyroscope, the aircraft has the ability to automatically correct itself, and hover smoothly in the air, no matter what direction the aircraft is flying in. You can simply throw the quadcopter into the air and push the throttle stick forward.

REGULAR MODE / HEADLESS MODE



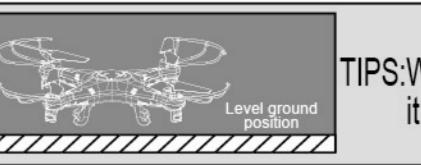
- (Picture 1)
① When flying in "Regular Mode", the lights on the quadcopter will be solid. The GREEN lights indicate the front of the aircraft, and the RED lights indicate the back of the aircraft. When flying in "Headless Mode", the lights will blink slowly. Regardless of the direction of the lights in relationship to the operator, the quadcopter will follow the direction of the control stick on the transmitter.

- ② When the controller and the quadcopter are synced, by default, the aircraft will be in "Regular Mode". To switch to "Headless Mode", press down on the button below the throttle stick until you hear a "beep". The lights will slowly blink to indicate that "Headless Mode" has been enabled. To return to "Regular Mode", press the button below the throttle stick until you hear a "beep" again. The lights will turn solid to indicate that the user has returned to "Regular Mode".

IMPORTANT: When turning on the quadcopter and controller to sync them, you must remember to place the quadcopter directly in front of you with the GREEN lights forward. Failure to do this will cause the quadcopter to not respond properly to the controller and will not allow you to switch to HEADLESS MODE.

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Step 3: Turn on the transmitter by pushing the ON/OFF switch up. Push the throttle stick to the highest position, and then pull it back to the lowest position for frequency pairing. There will be one clear beep sound from the transmitter, the GREEN and RED lights will stop flashing and stay on. This shows that the quadcopter has entered into the pre-fly state.

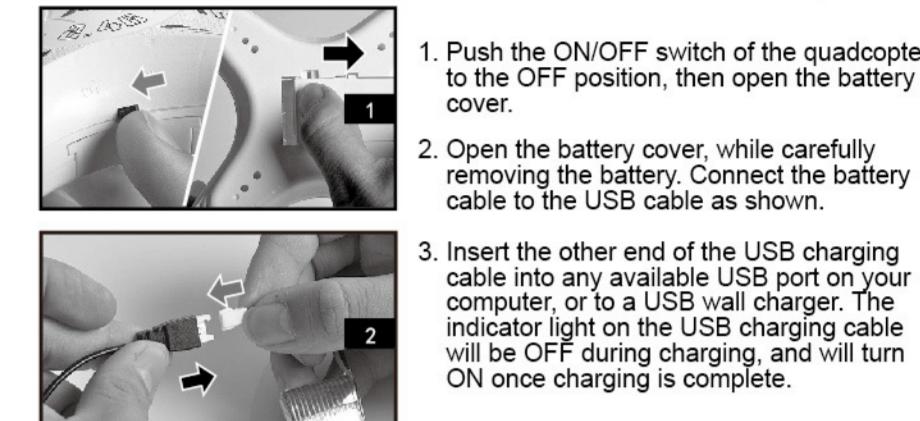


TIPS:When syncing your quadcopter, keep it on level ground.

CAUTIONS:

- When the indicator light of the transmitter is blinking slowly, this indicates that the signal pairing was unsuccessful. Please turn off the power of the transmitter and quadcopter, and then restart the transmitter and quadcopter.
- If the quadcopter is still flying on its side dramatically or spinning while hovering, please switch off the power of both the quadcopter and transmitter, and then repeat the pre-flying steps.
- When the indicator of the quadcopter keeps flashing slowly, it means that the quadcopter has entered into the low battery state. The quadcopter will need to be charged with the USB cable provided.

CHANGING THE BATTERY OF THE QUADCOPTER



Charging time: about 60 min - Flying time: 6-8 min
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CAUTIONS WHEN CHARGING

- When charging, please keep the product in a dry, ventilated area, far away from any heat sources or flammable items.
- When charging, please remove the batteries from the aircraft.
- Charging the product immediately following flying may result in a fire hazard. Please give the product's electronics time to cool down after flying.
- Please use the original USB charging cable provided. Replace batteries or cable when either is not functioning properly after an extended period of time.
- When not in use for an extended period of time, a battery will lose its charge automatically. Charging or discharging too often may reduce the lifespan of the battery.

BATTERY REPAIR & MAINTENANCE

- Please store the battery in a dry and well-ventilated area, with a recommended temperature of 18-25 degrees celsius.
- In order to enhance the life of the battery, please avoid excessive charging or discharging.
- In the event that the battery needs to be stored for an extended period of time, please charge the battery first.

CAUTIONS:

PRIOR TO FLYING, ALWAYS CHECK YOUR QUADCOPTER AND TRANSMITTER FOR ANY DAMAGE. DO NOT ATTEMPT TO FLY WITH A DAMAGED QUADCOPTER OR TRANSMITTER. KEEP YOUR QUADCOPTER IN VIEW AT ALL TIMES WHEN FLYING. STAY INFORMED ON THE RULES FOR FLYING REMOTE CONTROLLED ITEMS IN YOUR LOCAL AREA. START OUT SLOWLY AND PRACTICE YOUR SKILLS UNTIL YOU BECOME AN EXPERT. CHOOSE A WIDE OPEN AREA FOR FLYING, STAYING AWAY FROM PEOPLE, ANIMALS, AND OBSTACLES. ALWAYS USE GOOD JUDGEMENT, AS YOU ARE RESPONSIBLE FOR THE FLIGHT AND CONTROL OF YOUR QUADCOPTER.

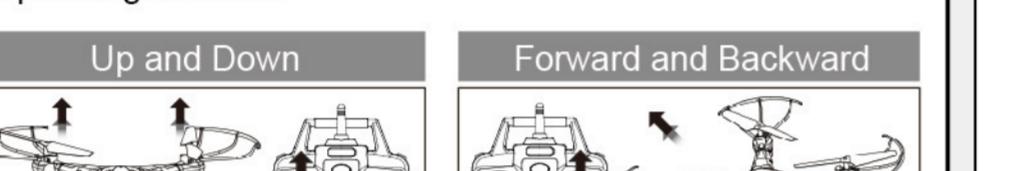
CONTROLLER MODES & INSTRUCTIONS

The controller has two built-in modes. The controller will always be in MODE 1 when you turn it on. To switch to MODE 2, push button B to the right at the same time as you turn on the controller.

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MODE 1

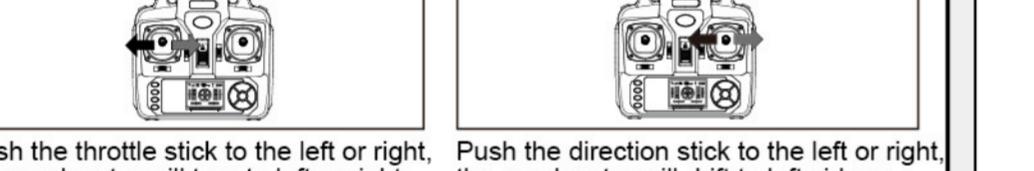
Operating direction



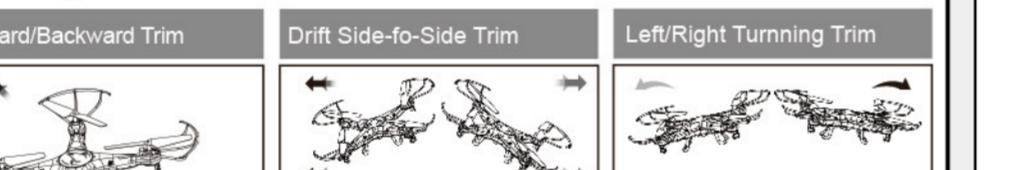
Push the throttle stick up or down, the quadcopter will ascend or descend.



Push the direction stick up or down, the quadcopter will move forward or backward.



Push the direction stick to the left or right, the quadcopter will turn to left or right.



When the quadcopter keeps moving forward / backward by itself, you can correct it by pressing the Forward/Backward Trim Button down / up.

When the quadcopter keeps drifting to the left / right side by itself, you can correct it by pressing the Left/Right turning Trim Button right / left.

When the quadcopter keeps spinning counter clockwise / clockwise, you can correct it by pressing the Left/Right turning Trim Button down / up.

When the quadcopter keeps drifting to the left / right side by itself, you can correct it by pressing the Left/Right turning Trim Button right / left.

When the quadcopter keeps spinning counter clockwise / clockwise, you can correct it by pressing the Left/Right turning Trim Button to the right / left.

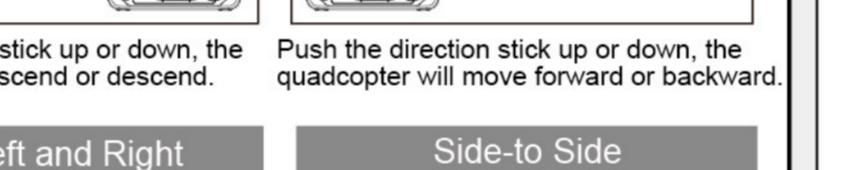
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MODE 2

Operating direction



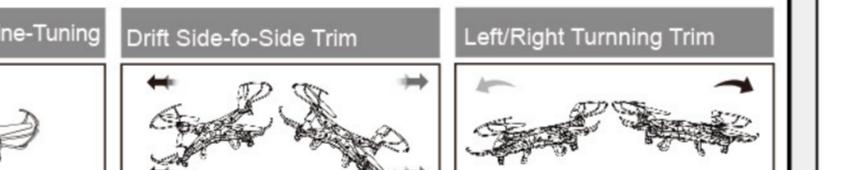
Push the throttle stick up or down, the quadcopter will ascend or descend.



Push the direction stick up or down, the quadcopter will move forward or backward.



Push the direction stick to the left or right, the quadcopter will drift to left side or right side.



When the quadcopter keeps moving forward / backward by itself, you can correct it by pressing the Forward/Backward Trim Button down / up.

When the quadcopter keeps drifting to the left / right side by itself, you can correct it by pressing the Left/Right turning Trim Button right / left.

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- 01.Drift Left/Right Flying Trim (Mode 1) / Turn Left/Right (Mode 2)

- 02.Forward/Backward Trim

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- 04.Throttle Speed

- 06/07/08/09. Direction Control Display

- 10/11.Turn Direction

- 12.High/Low speed

- 13.Battery Strength for Transmitter

- 14.MODE

- 15.Signal strength between quadcopter and transmitter

MAINTENANCE PROGRAM:

PROBLEM	CAUSE	SOLUTION
Controller does not work	1. Controller's power switch is "OFF". 2. Batteries were not inserted properly. 3. Batteries lack power.	1. Turn power switch "ON". 2. Reinsert the batteries according to the correct polarity. 3. Insert new batteries.
Cannot control the UFO	1. Controller will not operate. 2. Controller will not operate. 3. Winds are too strong for flight operation.	1. Turn controller power switch "ON". 2. Turn UFO's power switch "ON". 3. Do not operate in strong winds as controller will not function properly.
UFO will not rise	1. Main rotor blades rotate too slow. 2. UFO battery is not fully charged.	1. Pull up the throttle stick. 2. Recharge UFO battery completely.
UFO landing too fast	The throttle stick is being pulled down too fast.	Ensure the throttle stick is pulled down slowly until the UFO lands smoothly.

Warning: Changes or modifications to this unit 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 stores 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.