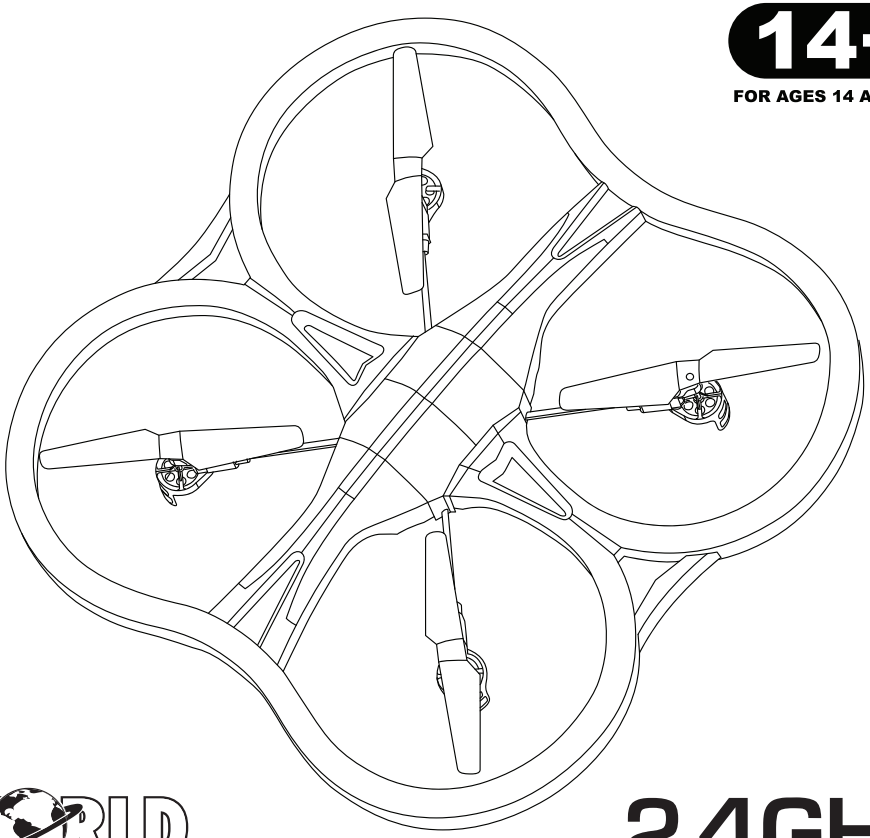
PANTHER SPY DRONE UFO

4.5CH GYRO QUADCOPTER

INSTRUCTION MANUAL

14+

FOR AGES 14 AND UP



WORLD TECH TOYS

2.4GHz

ITEM NO. 35879

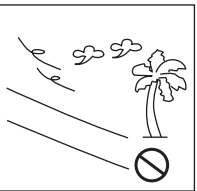
INTRODUCTION

Thank you for purchasing this amazing World Tech Toys product. This quadcopter is suitable for indoor and outdoor flight. Please carefully read the entire manual before operating this quadcopter and keep it for reference in the future.

PRECAUTIONS

INDOOR AND OUTDOOR FLIGHT PRECAUTIONS

This quadcopter is designed for indoor and outdoor flight. Please make sure there are no obstacles in the flight path of the quadcopter. Colliding into an obstacle while flying may damage the quadcopter. Make sure there is little to no wind when flying outside. Only fly the quadcopter when people are a safe distance away. Do not fly the quadcopter within the vicinity of a crowd. The spinning rotors may cause injury if the quadcopter comes in contact with someone.

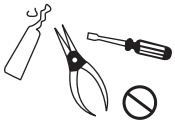


PREVENTING MOISTURE

Do not fly the quadcopter outside when it is raining. Do not fly the quadcopter close to open water. If the quadcopter's comes in contact with water, it may short circuit the electronics and damage the quadcopter.

PROPER OPERATION

Do not modify or add anything to the quadcopter. Modifying the quadcopter may change its ability to fly properly causing it to crash. Do not disassemble the quadcopter.

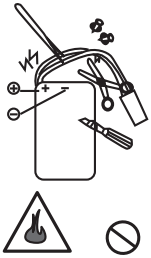


TRANSMITTER AA BATTERY SAFETY

Make sure the AA batteries in the transmitter are installed with the correct polarity. Do not mix rechargeable AA batteries with non-rechargeable AA batteries. Do not dispose of drained AA batteries into a fire. Batteries may explode if disposed in a fire causing injury. Remove the AA batteries in the transmitter if you are not going to fly the quadcopter for a long period of time. Store AA batteries in a cool dry place. Keep AA batteries away from heat.

QUADCOPTER BATTERY PACK SAFETY

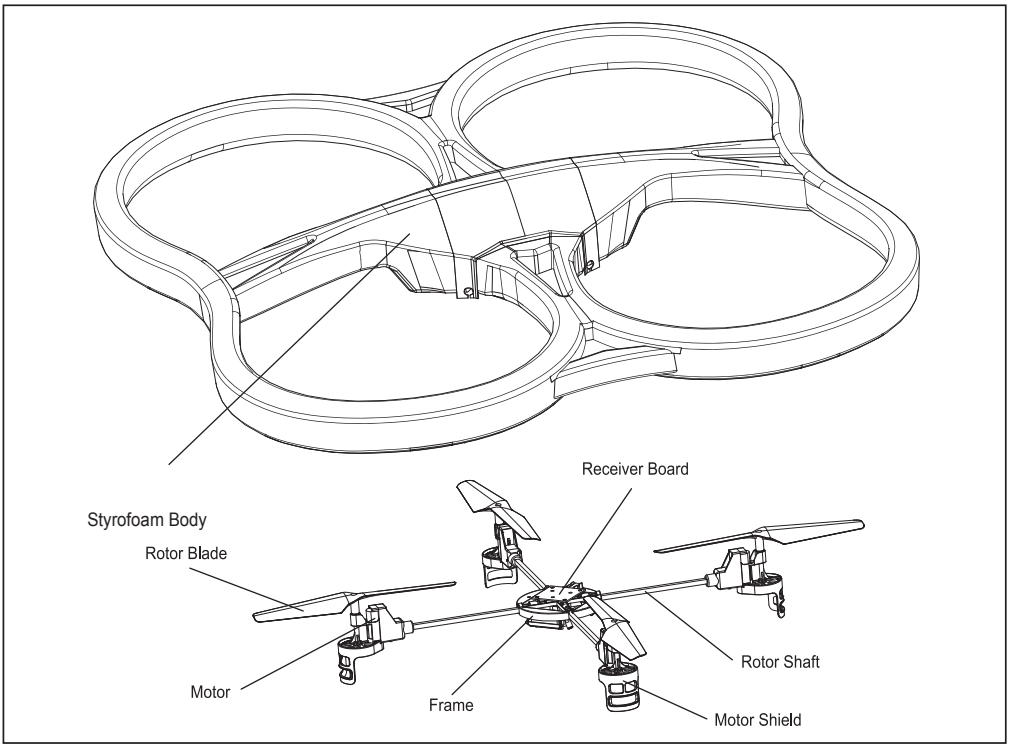
The quadcopter's battery pack is Lithium polymer. Li-po batteries pose higher operational risks compared to other battery packs so it's important to follow the instructions when using the battery. Manufacturer and dealer assume no liability for accidental damages caused by improper usage. Do not use a charger other than the factory supplied charger to avoid causing a fire or damaging the battery pack. Do not try to disassemble, crush, burn or reverse polarity. Make sure there are no metallic materials close to the contacts of the battery. Do not charge the battery unsupervised. Do not charge the battery overnight. Over charging the battery may damage it, causing it to not hold a charge. Stop using or charging the battery if you notice the battery temperature has increased more than usual.



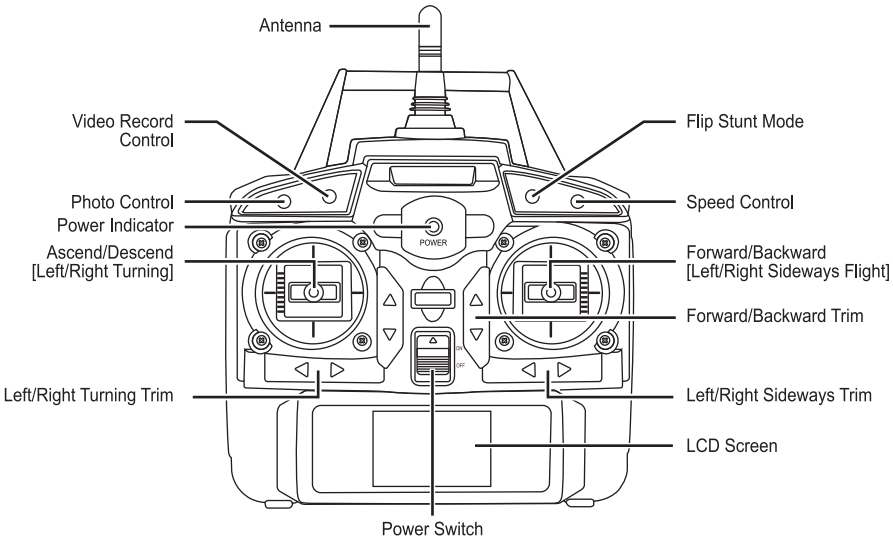
KEEP AWAY FROM HEAT

The quadcopter is made out of various plastics and Styrofoam. Plastics and Styrofoam are very susceptible to damage or deformation due to extreme heat and cold temperatures. Make sure not to store the quadcopter near any source of heat such as an oven or heater. It is best to store the quadcopter indoors in a climate controlled room temperature environment.

QUADCOPTER PARTS



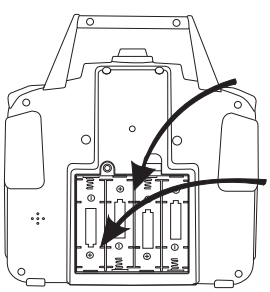
TRANSMITTER SPECIFICATIONS



TRANSMITTER BATTERY INSTALLATION

First remove the screw on the battery cover and then remove the battery cover itself. Then install 4 AA batteries. Make sure they are installed with the correct polarity. Replace the battery cover and screw.

CAUTION:
1. **Make sure the polarity of the batteries are correctly installed.**
2. **Do not mix old and new batteries.**
3. **Do not mix different types of batteries.**

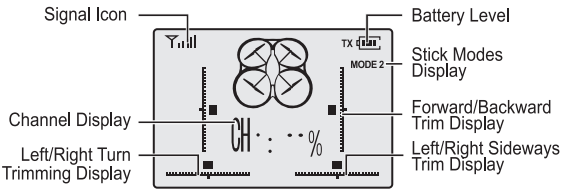


Battery Cover

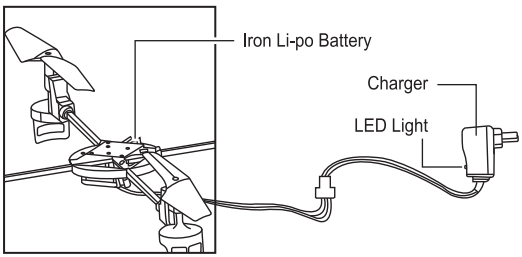
4 AA Batteries
(Batteries not included.)

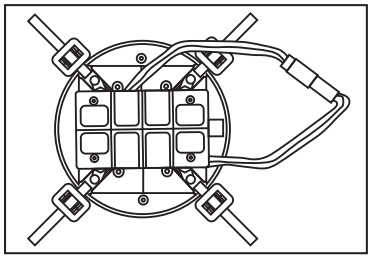
SYNCING AND LCD INTERFACE PROCEDURE

After installing the batteries, turn the transmitter switch to "ON." The power indicator light flashes and the signal icon "Y" appears in the top left of the LCD screen, when there is no signal. After the transmitter successfully pares with the quadcopter, the transmitter will beep twice and the signal icon changes to "Y". Push the Ascend/Descend control to the top, then pull the control back to the bottom. The transmitter will beep once. The power indicator will light. The transmitter has successfully pared with the quadcopter and control information appears on the LED screen.



CHARGING THE QUADCOPTER





The quadcopter battery pack has 2 connection wires. One for the charger and one for quadcopter. Use the included wall charger and plug it into a wall outlet. Then connect the wall charger cord to the quadcopter battery pack. The LED on the wall charger should turn red when the battery is charging.

The LED on the wall charger will turn green when the battery is full charged. Full charge takes approximately 1.5 hours.

WARNING

DO NOT CHARGE THE BATTERY UNSUPERVISED. DO NOT CHARGE THE BATTERY OVERNIGHT. DO NOT OVER CHARGE THE BATTERY. OVER CHARGING THE BATTERY CAN DAMAGE THE BATTERY AND OR CAUSE A CATASTROPHIC FAILURE.

WALL CHARGER SPECIFICATIONS

LED Indicator LED

Green Light	Red Light
Idie and Charge Completion	Charging

Charger Specifications

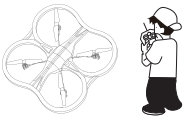
Input	Charging Current	Full Voltage
110-240V	650MA	8.45 ± 0.3V

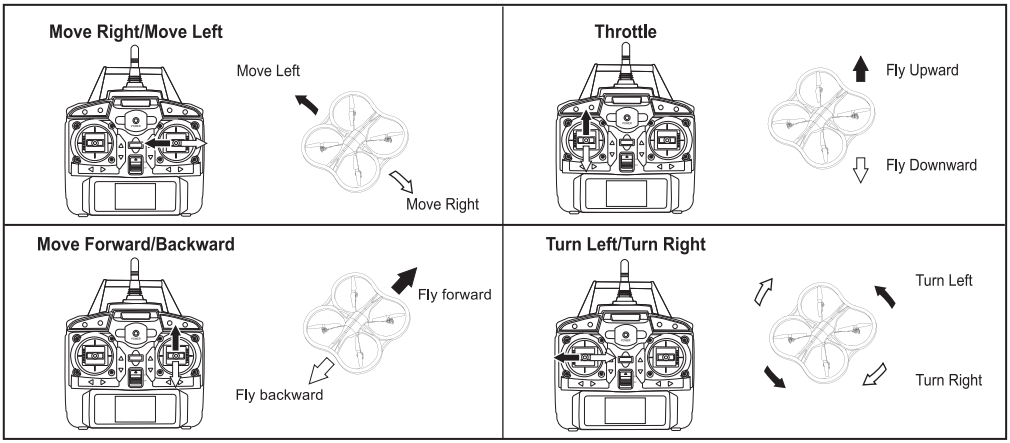
BATTERY PACK SPECIFICATIONS

Battery Type	Battery Specification	Usage Duration		Charge Time
Li-Po battery	7.4V650mAh	Aircraft flight time	10-12 minutes	About 1.5 hours

HOW TO CONTROL THE QUADCOPTER

Before flying the quadcopter for the first time please read the instructions carefully and make sure you fully understand how to control quadcopter.



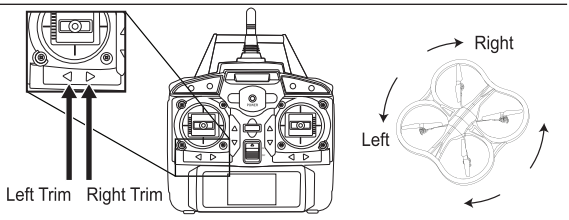


ADJUSTING THE TRIM

If the quadcopter moves in any direction while hovering without transmitter input, you will need to adjust the trim.

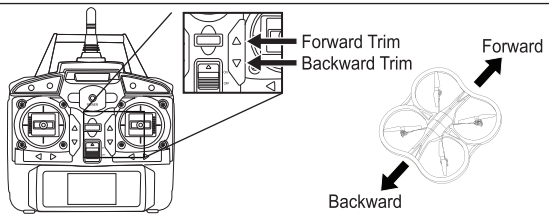
If the quadcopter is spinning to the left, push the RIGHT TRIM button until the quadcopter stops spinning.

If the quadcopter is spinning to the right, push the LEFT TRIM button until the quadcopter stops spinning.



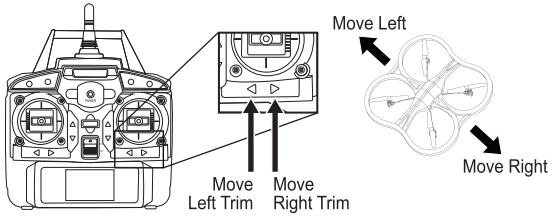
If the quadcopter is moving forward, push the BACKWARD TRIM button until the quadcopter stops moving forward.

If the quadcopter is moving backward, push the FORWARD TRIM button until the quadcopter stops moving backward.

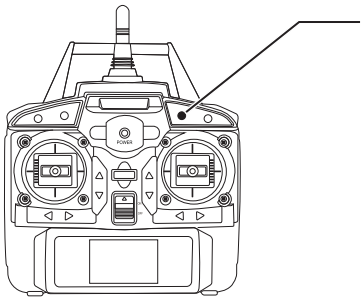


If the quadcopter is moving left, push the MOVE RIGHT TRIM button until the quadcopter stops moving left.

If the quadcopter is moving right, push the MOVE LEFT TRIM button until the quadcopter stops moving right.



QUADCOPTER FLIP STUNT



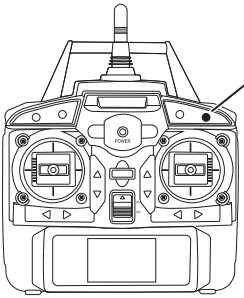
FLIP STUNT BUTTON

Have the quadcopter hover at least 10 feet off the ground. Press the FLIP STUNT BUTTON and the quadcopter will perform a single flip.

WARNING

Make sure the Quadcopter is hovering at least 10 feet off the ground before performing the flip stunt. The flip stunt will cause the quadcopter to drop approximately 6 feet. If you perform the flip stunt while being less than 10 feet off the ground, the quadcopter may crash and become damaged.

QUADCOPTER SPEED CONTROL

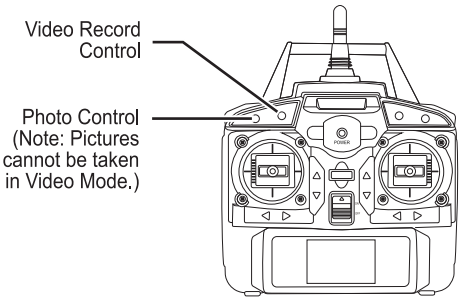


SPEED CONTROL BUTTON

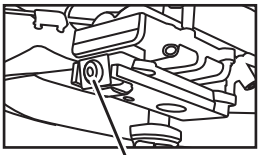
To control the speed of the quadcopter, push the Speed Control button, has 3 speeds, High, Medium, and Low.

- Low Speed: Transmitter beeps once
- Medium Speed: Transmitter beeps 2 times.
- High Speed: Transmitter beeps 3 times.

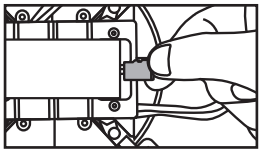
CAMERA FUNCTION



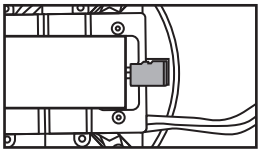
PREPARATIONS OF VIDEO RECORDING



Camera



Insert the SD card into the recording unit.



Press the SD card lightly, then remove the card.

1. **SD Card Installation:** Insert the SD card into the slot, lightly press until the SD card clicks into place. Press the SD card to eject the card.. **Note:** The camera indicator will not light up when the SD card is not inserted properly.
2. **Indicator Lights of Camera:**
   Green – Standby status
   Red Light Flashes Continuously – Start to record
   Red Light Stops Flashing – Quit recording
   Red Light Flashes Twice – Start photographing
3. **Dynamic State / Static State Functions:** Turn on the quadcopter, then lightly press the Record button. This will quit the recording process automatically and save the video onto the SD card. Press the Photo button and the indicator light changes to red. When the light flashes twice, a photo will be taken, which will then be saved onto the SD card.
4. **Video / Photo Operations:** Turn the quadcopter off. Remove the SD card, then install it into a card reader (connected to the computer). Videos and photos can be viewed using media players.

POST FLIGHT

After you are done flying the Drone UFO quadcopter make sure the battery pack on the quadcopter is disconnected and the transmitter power is turned off. If you are not going to use the quadcopter for a long period of time, please remove the AA batteries to prevent the batteries from draining or leaking.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Quadcopter is unresponsive. The Transmitter light keeps flashing.	Transmitter is not syncing with quadcopter.	Repeat the power up process.
Quadcopter is unresponsive.	Transmitter and or quadcopter is not powered ON.	Turn both transmitter and quadcopter ON.
	Transmitter batteries are installed incorrectly.	Install the batteries with the correct polarity.
	Transmitter batteries are drained.	Install fresh batteries to the transmitter.
Transmitter light is ON. Quadcopter is unresponsive.	Quadcopter's battery pack is drained.	Charge the quadcopter's battery pack.
Quadcopter's rotors spins but doesn't take off.	Rotor blades are damaged.	Replace the damaged rotor blades.
	Quadcopter's battery pack is drained.	Charge the quadcopter's battery pack.
	Quadcopter is not on a flat surface.	Place the quadcopter on a flat surface before attempting to take off.
Quadcopter is shaking when flying.	Rotor blades are damaged.	Replace the damaged rotor blades.
Quadcopter moves while hovering without transmitter input.	Trim needs to be adjusted.	Adjust the trim.
Quadcopter still moves forward after adjusting the trim.	Gyroscope midpoint is off.	Turn off both transmitter and quadcopter. Go through power on process and make sure you place the quadcopter on a flat surface before taking off.

Website: www.worldtechtoys.com
Email: customerserv@worldtechtoys.com
Phone: (877) 498-8697
Monday - Friday / 9:00AM - 5:00PM / Pacific Time

SPECIFICATIONS, COLORS AND CONTENT MAY VARY FROM ILLUSTRATIONS

WORLD TECH TOYS

WWW.WORLDTECHTOYS.COM

MADE IN CHINA

⚠ WARNING:

CHOKING HAZARD-Small parts.
Not for children under 3 years.