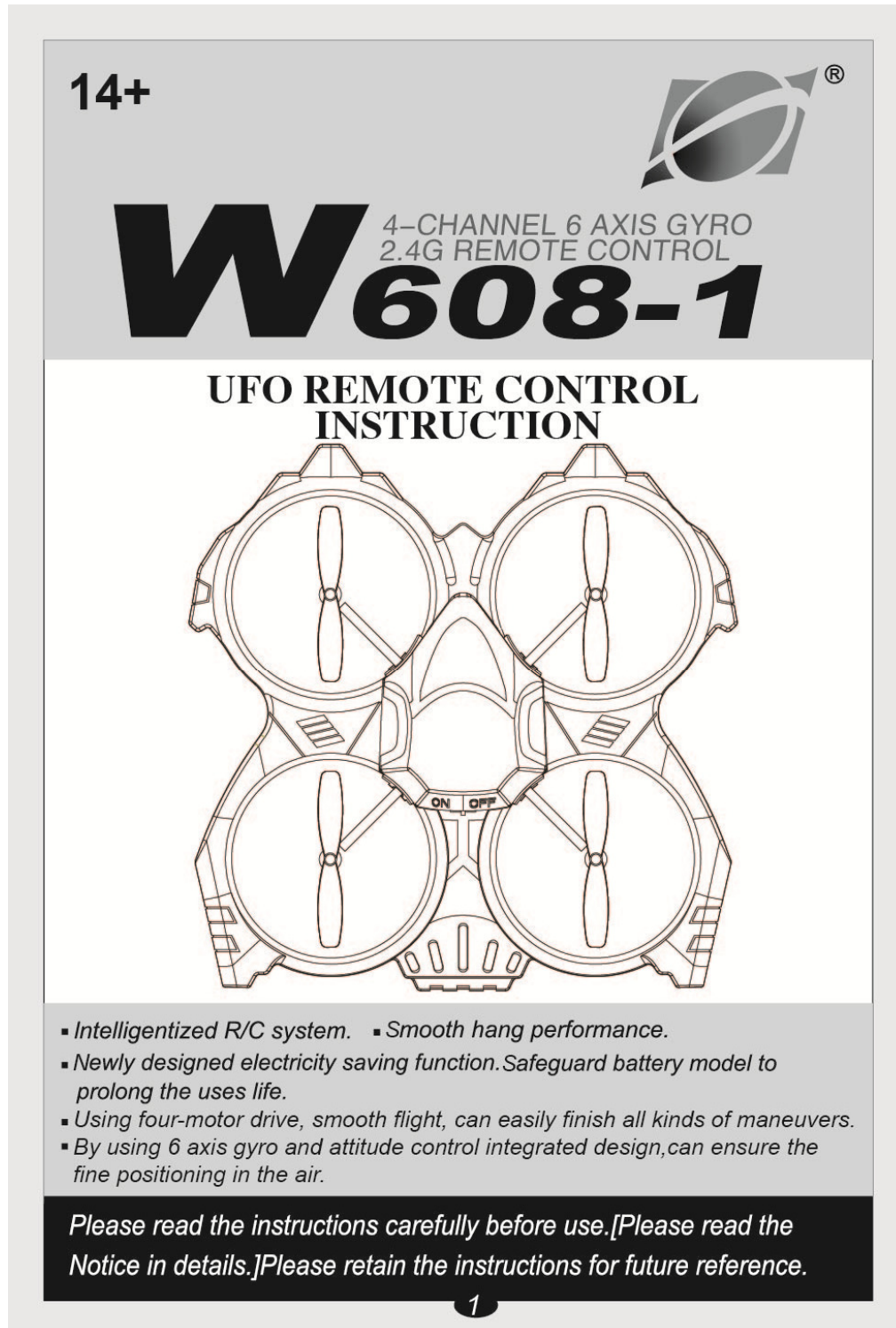


## 1.6 User Manual



### UFO Main technical index

UFO: **L:172MM × W:172MM × H:38MM**

Fuselage weight: **46G**

Flight area: **30M**

Charging time: **about 40–50 mins**

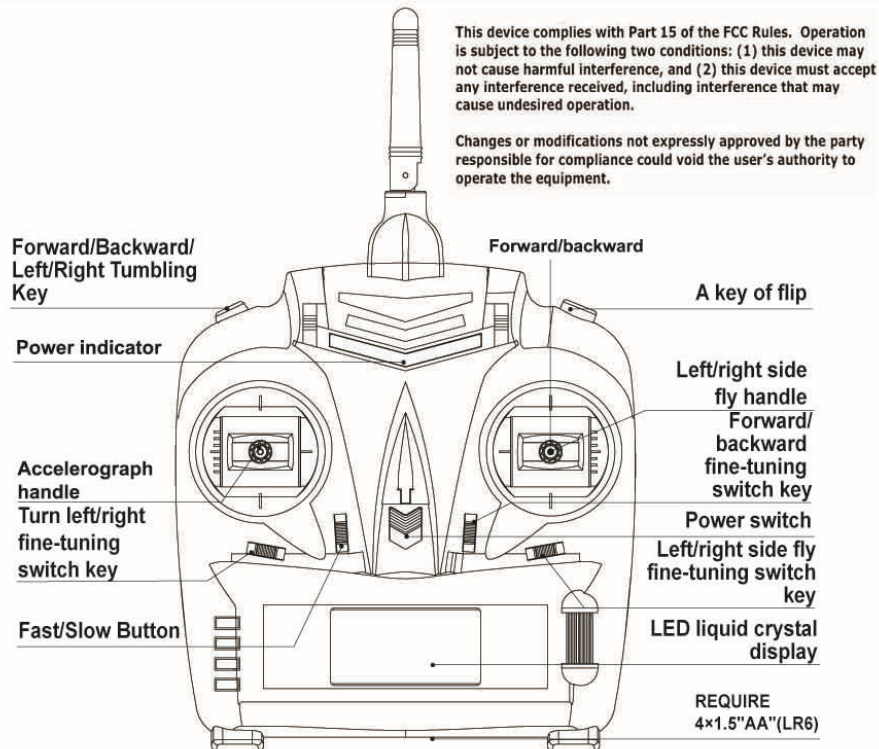
Flying time: **about 6–8 mins**

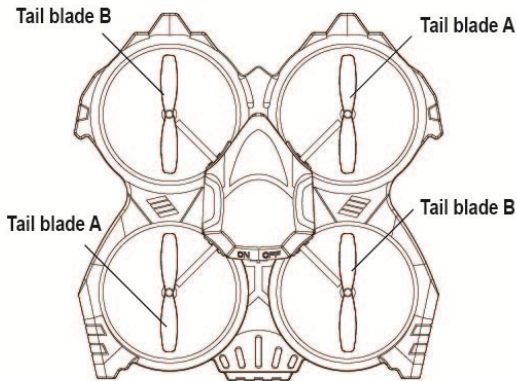
#### Using Battery/Charger

1.UFO's battery(built-in): **3.7V/300mAh Li-poly**

2.Remote controller battery: **4x1.5"AA"(LR6)(Not included)**

### REMOTE CONTROLLER INSTRUCTION

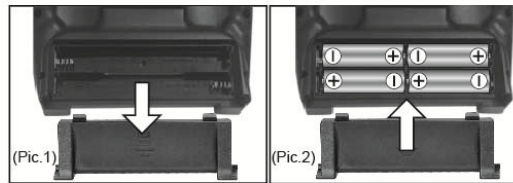




### Tail Blade Exchange Matters:

1. Take out to replace the tail blade, according to the figure change corresponding to the tail blade. If change error, will not be able to control.
2. Tail blade A turn counterclockwise direction, Tail blade B turn clockwise direction.

### Assembly Transmitter



- ① Install batteries: open the cover of battery case. (Pic.1)
- ② According to the indication of pole on battery box, place 4×1.5"AA"(LR6) alkaline batteries into the box (battery to be purchased otherwise).
- ③ Fasten the cover of battery. (Pic.2)

**Tips:** When the power indicator of remote control twinkles, please replace battery as per the above steps.

### Notes:

Recommended to install or replace the battery under the parental guidance.  
 Avoid replace the battery only when the products weakened.  
 Keep the instruction, for future reference.  
 Use this product in strict accordance with the instructions.  
 In a static environment, the product may cause malfunction.  
 The user need to reset the product.  
 Recommended to use new batteries to play the best features.

### Warning:

1. Non-rechargeable battery can not be charged.
2. Rechargeable battery can only be charged under the supervision of adults.
3. Rechargeable battery shall be taken out from the tool before charging. (only applicable for remote controller)
4. Batteries with different types or new and used batteries can not be used together.
5. Only same or suggested batteries can be used.
6. Install battery with correct polarity.
7. Take exhausted battery out of the tool.
8. Avoid short circuit at terminals of battery.
9. Before charging, check if the charger is damaged; and if it is damaged, please use it after repair all damages.
10. Do not contact the rotating propeller directly with hand, or it may cause injury.
11. When playing flying tool, please keep your hair and loose clothes away from the propeller.
12. Please check the wire, plug, shell and other parts of charger periodically, and if there is any damage, stop using it till it is repaired.



## Battery charging

When charging, at first, must turn off UFO power switch, and then open the UFO cover (figure 1). Make the battery's plug connect to USB charging slot and then make the USB charger insert into the computer's USB socket (figure 2). When charging, the LED light has always been bright. When charging is completed, the LED light extinguish. The charging time is about 40-50 mins.

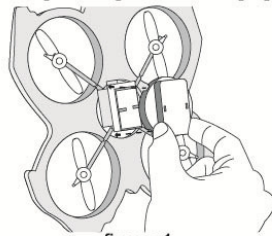


figure 1

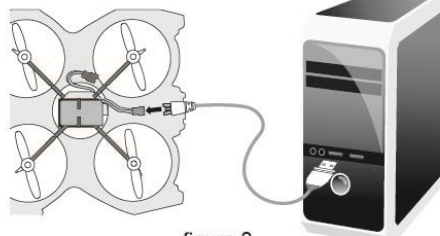


figure 2

### Notes:

1. The charging time is about 40-50 minutes, and the UFO can be played for about 6-8 minutes.
2. Before charging, the UFO shall be stopped for 10-15 minutes to ensure the inbuilt Li-poly battery is cooling completely.

### Warning on Li-poly battery:

1. Do not put the battery into fire or heat source.
2. Keep the battery away from heat source, and do not use it by the side of heat source.
3. Do not place the battery on the surface of hot matter.
4. Do not soak the battery in water and keep it in a dry and low-temperature environment.
5. Only the charger specified for the product can be used for charging the battery.
6. Do not over-charge the battery.
7. Do not connect the battery with other circuit.
8. Do not fix battery with bolt or any sharp matter.
9. Do not place the battery together with metal parts or jewelry.
10. Do not disassemble the battery.
11. Charge the battery at least once per six months.
12. Turn off the power of product immediately after using.
13. After use the battery, please use PE bags to wrap or use insulation sheet to isolation battery positive and negative.

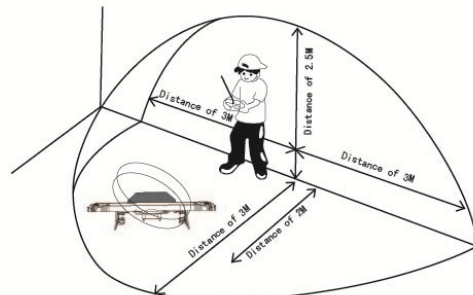
## Environment for flight

### 1. Fly on a sunny day, without wind.

- ① Do not fly in extreme temperature. Do not fly in temperature above 113 degrees Fahrenheit/45 degrees centigrade, or below 50 degrees Fahrenheit/10 degrees centigrade. Flying in extreme heat and/of cold will affect performance and may damage the model.
  - ② Do not fly in strong wind. Windy conditions will limit, or disturb the flying control. In very windy conditions, your helicopter may become lost and/or damaged.
2. Select large, wide-open area for flying, and make sure there is no obstacles, animals or people nearby.

### NOTICE

If you open the remote control switch, the accelerator pushed to the top of the again pulled to the bottom of the reset. While the indicator of the controller is sparkling, which shows the controller is lack of power. You are to change batteries.



### Safety Warning:

To parents: this product is only applicable for children over 14 years old. For your children's safety during playing, please read this Instructions together with your children firstly. Do not pick up moving tool to avoid injury. When turn on the power of tool, please keep hair and clothes away from it. (Any modification to the product without authorization will damage your rights on the product)

**Warning:** It contains small parts and it is not applicable for children under 14 years old.

### NOTE: 2.4G Frequency For Instructions

Put the power into the UFO slot, open the UFO power switch and placed on level ground smoothly, and then open the remote controller switch, push the throttle control to the top and then come back to the bottom. The remote controller indicator light will flash frequency for the state. After the frequency of state succeed, the controller's indicator light and UFO's head light has always been bright, at this time, you can control the UFO fly.









## Operating Method



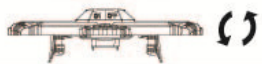







### Control Notes:

When push the controller's handle, couldn't push too much force to the end, you can adjust slowly, when you push the handle and had the feeling to feel the change of the flight trajectory. For beginners (after finish trimmer procedures), the most important point is need to be familiar with the control of handle. UFO maybe turn around by itself, but it doesn't matter. At first, we need learning how to control the left handle to let the UFO keep the distance from the ground about 1M for suspension flight highly. Then, try to master the direction of flight control tips. For beginners, we suggest to keep marching slowly training tips, familiar with can master until after the try to fast forward.

### Operating Notes:

Don't paste on the UFO or bound to any item, to avoid affect the UFO's balance or overweight can't afford to fly.

Ascend	When you push upward of the left handle, the main blades speed increases, the UFO ascends.		
Descend	When push downward of the left handle, the main blades speed slow down, the UFO descends.		
Change direction	When push the left handle to left, the UFO's head turn to left. When push the left handle to right, the UFO's head turn to right.		
Forward	When push upward of the right handle, the UFO's head down and moving forward.		

Key of flips	When the UFO stop spinning in the air, press a key flips button on the top right corner ,it will 360°rolling automatically.		
Forward tumbling key	When the UFO stop spinning in the air,press the key button on the top left corner,then control the forward handle,it will turn forward 360 degrees.		
Backward tumbling key	When the UFO stop spinning in the air,press the key button on the top left corner,then control the backward handle,it will turn backward 360 degrees.		
Left tumbling key	When the UFO stop spinning in the air,press the key button on the top left corner,then control the left side fly handle,it will turn left side 360 degrees.		
Right tumbling key	When the UFO stop spinning in the air,press the key button on the top left corner,then control the right side fly handle,it will turn right side 360 degrees.		

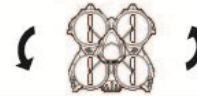











### NOTICE

- When the UFO falling down,please push down the throttle lever to the bottom quickly.
- Don't paste label or paper on the UFO,it may make UFO too weight to fly.
- Before implementing different direction rolling demo, you must first click the remote control on the upper left corner of the front / back / left / right tumbling bond.

### Special prompt

#### 1.Trimmer adjust the description

If not to push the derrection handle when flying,UFO still spinning,you can press the Fine-tuning switch key to adjust controller trimmer,until UFO fly stable and does not spin.

When the UFO stop spinning,it's head counterclockwise spin,continuous pressing the left fine-tuning switch, press the "R" direction until the UFO fly stable.		turn right to adjust	
When the UFO stop spinning,it's head clockwise spin, continuous pressing the left fine-tuning switch, press the "L" direction until the UFO fly stable.		turn left to adjust	
When the UFO stop spinning,you want to move the left side flying, can continuous pressing the side fly fine-tuning switch from right, press the "R" direction until the UFO fly stable.		turn "R" to adjust	
When the UFO stop spinning,you want to move the right side flying,can continuous pressing the side fly fine-tuning switch from right, press the "L" direction until the UFO fly stable.		turn "L" to adjust	
When the UFO stop spinning,you want to move forward flying, can continuous pressing forward/backward fine-tuning switch from right, press upward direction until the UFO fly stable.		downward to adjust	
When the UFO stop spinning,you want to move backward flying, can continuous pressing forward/backward fine-tuning switch from right, press backward direction until the UFO fly stable.		upward to adjust	

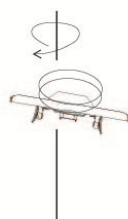
### NOTICE

When the UFO is about 30cm from the ground,UFO will be affected by their own blades vortex and become unstable,it is called the ground effect reaction.When the UFO's weight more and more lighter,the ground effect reaction influence will be greater.

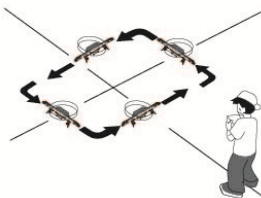


## Flying practice

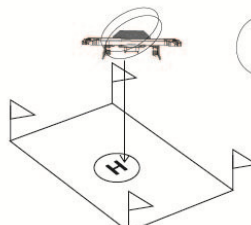
After enough practice, you can attempt the following flying operation.



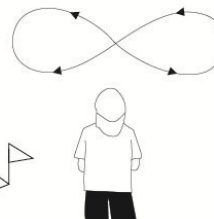
Self revolving



Always go forward and turn left, and exercise flying in a quadrate pattern. then repeatedly practice in rotundity.



Landing at the appoint  
pace (fixed landing)



(Number 8 flight)

**Warning:** 1. Do not contact the rotating propeller; 2. Do not make it flying over anyone's head; 3. Be guided by adults.

## Troubleshooting

PROBLEM	CAUSE	SOLV
Controller does not work	1.Controller's power switch is "OFF".	1.Turn power switch "ON".
	2.Insert batteries into controller improperly.	2.Check and make sure the battery is in accordance with the instructions of the positive and the negative pole in the battery box.
	3.Batteries lack of power.	3.Change new batteries instead.
Can not control the helicopter	1.You havern't operated the controller.	1.Turn controller power switch "ON".
	2.Donesn't turn on controllers power switch.	2.Turn helicopter's power switch "ON".
	3.You play the helicopter in strong winds weather.	3.Do not play the chopper in winds,which can confuse your control.
Helicopter can not rise	1.Main rotor blades rotate too slowly.	1.Pull up the throttle stick.
	2.Doesn't fully charge helicoptrs battery.	2.Full charge helicopter battery,(See instruction above).
Helicopter landing too fast	You loose the throttle stick or pull it too fast.	Slowly pull down the throttle till the chopper lands smoothly.

### NOTICE:

- 1.When the UFO or controller is lack of power,remote control distance would be affected and become shorter.
- 2.If the power of UFO is low,there will be can't fly high or difficult to take-off.
- 3.If the UFO appeared to breakage,deformation,please repair it timely,serious situation it will cause such as blades fracture,broken,at this time,couldn't make UFO fly,otherwise it will cause injury.
- 4.Please pull out the power plug if you don't play the UFO for a long time,that can avoid battery leakage caused by damage to this product.
- 5.Don't make UFO flight crash or serious collision,it will damage the UFO or shorten its lifetime.
- 6.Model UFO with a variety of alloy components,when kids play UFO should be careful,avoid to be cutted by alloy pieces.

**Warning:** Do not stab any sharp matter such as needle or snail into the body of plane; it may damage the inbuilt lithium battery.

### Maintenance & Repair:

If the product is not used for a long time, the battery shall be taken out; use clean and soft cloth to clean the product.

Avoid insulating or heating the tool under sunshine; do not soak it in water, as the parts of it may be damaged.

**Attention:** Pictures refer to the actual product.

### PARTS



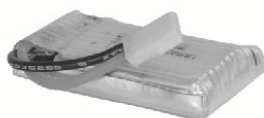
Part-01  
Foam Set



Part-02  
Bottom Cover



Part-03  
2.4G Remote Controller



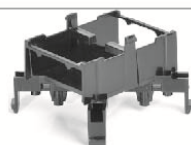
Part-04  
3.7V/300mAh Li-Poly



Part-05  
Main Blade A



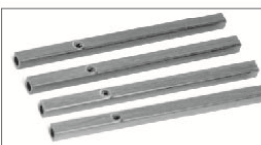
Part-06  
Main Blade B



Part-07  
Main Frame



Part-07  
Plastic Of Motor Set



Part-09  
Carbon Fiber Tube



Part-10  
USB Charging



Part-11  
Main Motor's Line  
(Red/Blue)



Part-12  
Main motor's line  
(Black/White)



Part-13  
Main Motor Set (Red/Blue)



Part-14  
Main Motor Set (Black/White)



Part-15  
Body Shell with light