

7.Axis after recalibration is still hovering in the drift.

A:The axis on a horizontal surface,in which the orientaton of the pad layers of paper drift (drift depending on the degree of thickness of the paper), which can calibrate the accelerometer in a horizontal plane, from the surface to solve the problem of drift.

Please keep the safe distance from the high-speed revolving propeller in case of twist injury or other dangers.

According to the requirement of electromagnetic environment of aviation radio station, please do not control the drone in the area with the airport runway center as dot and radius area 5000M Playing the drone is forbidden when Radio Control is released by national departments .

## MAINTENANCE

- Take out batteries for long time storage.
- Clean with soft cloth.
- Avoid being heated or being exposed in strong sunlight.
- Be ware of being watted.



### WARNING:

CHOKING HAZARD-Small parts.  
Not for children under 14 years.

DO NOT FLY WITH BROKEN ROTORS.  
IT MAY CAUSE DAMAGE OR LEAD TO INJURY.

CAUTION: INCISED WOUND HAZARD!  
KEEP YOUR FACE AND EYES AWAY  
FROM THE ROTARY WING OF HELICOPTER.

MADE IN CHINA

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RASTAR



# RA-A007

## 4CHANNEL

# INSTRUCTIONS

RASTAR GROUP

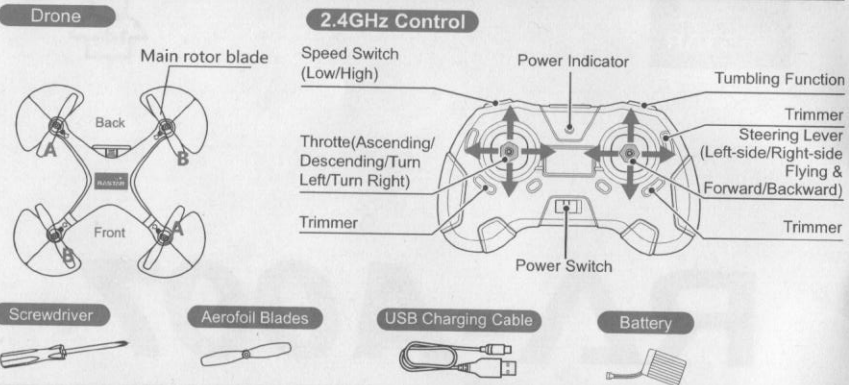
Add:Xinghui Industrial Park, Xiadao Road, Shanghua, Chenghai, Shantou, Guangdong, China.

Http://www.rastar.cn

Please read this instruction manual carefully before flying operation.

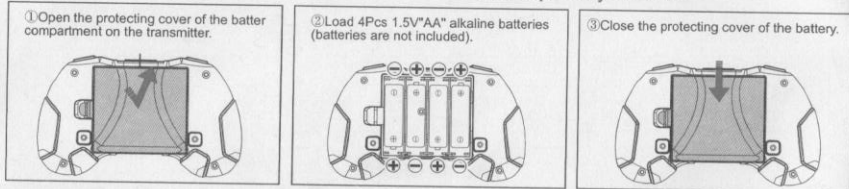
This user instruction contains important information, please properly keep it for future reference!

## Parts Identification



## Battery Installation And Charge

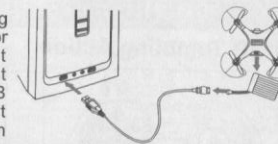
**Battery Installation and Charge** Caution: Please load the batteries correctly as the correct polarity shown.



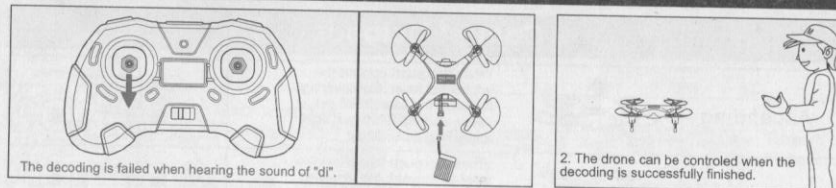
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## Charging Operation

Remove the battery from the vehicle in connection with the charging cable, then insert the charging wire into the USB port of the computer or any other USB charger. When the USB indicator is ON, that represents it is under charging. When the indicator is OFF, that represents it is fully charged. Except for Apple charge, this USB charging wire can be connected with any other charger of Smart mobile or movable power or being charged on the USB interface on the car. The voltage of the USB interface is 5\*0.5V.



## Drone on the Frequency



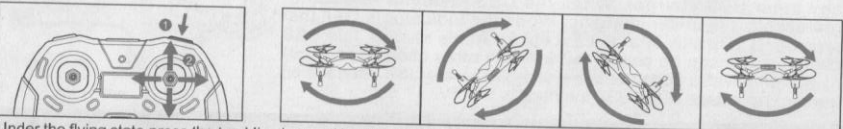
Turn off the transmitter, pull the throttle lever of the transmitter to the lowest position, open the back cover of the battery compartment of the UFO. Connect the battery with the power line, then close the back cover of the battery compartment, and then place it on the level surface. Turn on the transmitter and you will hear the sound of "di, di", which represents the decoding is successfully finished. (Memo: If the throttle lever is not pulled to the lowest, the decoding can not be made).

## High/Low Speed Mode

Low Speed Mode	Sound of "Di" is for Low Speed Mode.		
Medium Speed Mode	Sound of "Di, Di" is for Medium Speed Mode.		
High Speed Mode	Sound of "Di, Di, Di" is for High Speed Mode.		





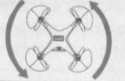



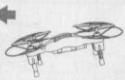



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**3D Tumbling Action**

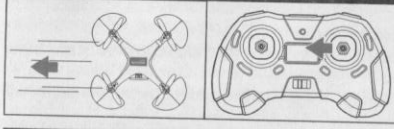


Under the flying state, press the tumbling key and it will send out sound of "di, di, di", this time it will reach the full speed, then push down the steering lever to make stunt action from forward and backward, left and right.

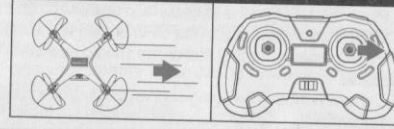
**Control Methods**

Ascending		When you push upward the left control lever, the hovering speed of the aileron will get faster, and the drone will start ascending accordingly.	
Descending		When you push the left control lever downward, the hovering speed of the aileron will slow down, and the drone will start landing.	
Nose: Turning Left		When you push slowly the left control lever, the head of the drone will turn left accordingly.	
Nose: Turning Right		When you push slowly the left control lever, the head of the drone will turn right accordingly.	
Forward		When you push the right control lever upward, the head of the drone will be tilting downward and the drone will move forward.	
Backward		When you push the right control lever downward, the head of the drone will be tilting downward and the drone will move backward.	

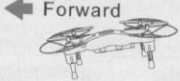
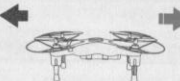


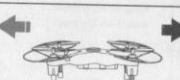

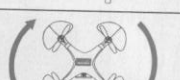



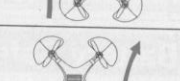

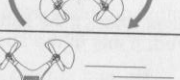


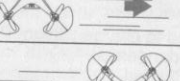


**Left-side Flying**



**Right-side Flying**



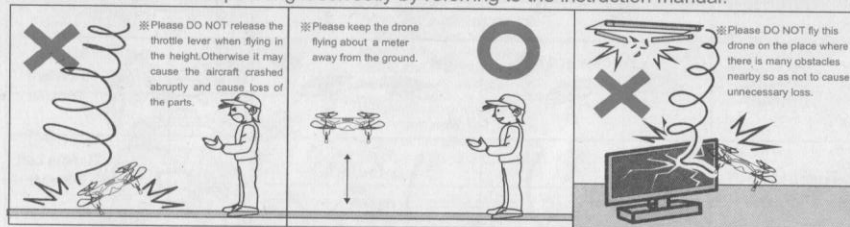
**Trimmer**

Backward Trimmer				Backward Trimmer
Forward Trimmer				Forward Trimmer
Turning Left Trimmer				Turning Left Trimmer
Turning Right Trimmer				Turning Right Trimmer
Left-side Flying Trimmer				Left-side Flying Trimmer
Right-side Flying Trimmer				Right-side Flying Trimmer

## Attention

1. Place the UFO on the level surface and switch on the power.
2. Make sure the tail part of the UFO should be at least one meter away from you.
3. Please make sure that this drone should be filed in the place where is far away from crowd, animal or any other obstacle.
4. Control Scope: The flying scope of the drone is about 30 meters. If it is filed beyond this cope, the drone will lose control.
5. Flying Time: It is about 6 minutes. Under the condition of mild wind and being fully charged, the drone can be filed within the scope of remote control. If the flying time is found less than one minute, please re-charge it.
6. Warning: The drone may fly beyond the flying scope if flying in the strong wind, which may result in losing control.

Please make sure that operating it correctly by referring to the instruction manual.



## Li-Po Battery Safety Information

### Before Charging Li-Po Batteries

- Before charging your battery, check for any physical damage. Check if the battery has expanded or swollen in size, or if the battery cell has been punctured. If any of the above is true: **DO NOT CHARGE THE BATTERY!**

### Charging Li-Po Batteries

- Only use the supplied charge or a charger that is designed to charge Lithium Polymer (Li-Pbatteries). Never use a Ni-Cd, Ni-MH or other charger as this is very dangerous.
- Never attempt to charge at a rate faster than that recommended.
- Never charge Li-Po batteries unattended. Always stay with your battery while charging in case of overheating of fire.

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- Charge on a safe surface or container. Charge only on non-flammable surfaces, such as a concrete floor preferably outdoors, or in a Pyrex cooking dish with the battery placed on a bed of sand, or in a fireplace or in a proprietary charging bag or sack. Never charge inside drone!
- Remove the battery from the charger if the battery gets too hot, or puffs up. If the battery becomes hot to the touch during charging, disconnect it immediately.
- Extinguish fires with sand. If something goes wrong and your battery catches fire, always have sand from a fire bucket at hand to put out the flames. **DO NOT use water!**

### NEVER LEAVE BATTERY UNATTENDED WHEN CHANGING

#### Using Li-Po Batteries

- Do not modify/change any part of the battery or connector. Do not remove its protective covering. Removal or modification may damage the battery and will invalidate any warranty claim.
- Do not place Li-Po batteries near fire or anything with high temperatures.
- Do not let the battery get wet or become submerged in any type of liquid.
- Do not carry loose batteries in your pocket or bag as they could short-circuit against other items.
- Please use the factory configuration of battery.

#### 1. Remote control and micro-axis can not accde.

A: Check whether the remote control throttle minimum value. When the boot code on the stick and do not move to any other fine-tuning.

#### 2. Propeller does not rotate, or very slow reaction.

A: (1) lithium battery is low;  
(2) the need to re-code;

(3) to make axis throttle hit the lowest landing, pause 3 seconds off again.

#### 3. Can not roll.

A: (1) lithium battery needs to be charged too.

#### 4. Axis shaking or vibration during flight, big noise.

A: Check the motor, chassis and blades are installed correctly.

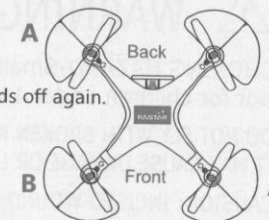
#### 5. Blades can rotate, can not take off.

A: Check the A/B blades are properly installed, the blade is properly installed as shown below.

#### 6. One or more motor does not turn.

A: (1) Motor bad, renewal motor;  
(2) motor wire off, to re-wire;

(3) remote control inside a transistor emitter board burned out, replace it with a new remote control.



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