

AGES  
14+

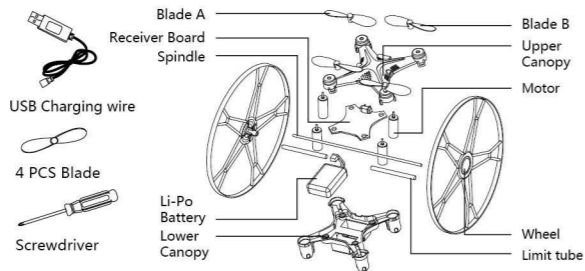
# INSTRUCTION MANUAL



# D5

6-Axis Gyro System 2.4GHz 5Channel 360°Flips LED Light

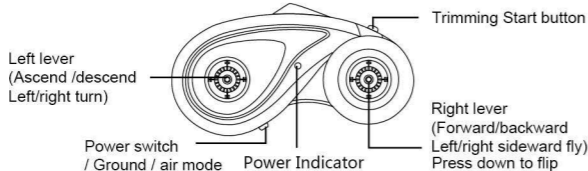
## 1 INCLUDED PARTS



Blade A  
Receiver Board  
Spindle  
USB Charging wire  
4 PCS Blade  
Screwdriver  
Li-Po Battery  
Lower Canopy  
Blade B  
Upper Canopy  
Motor  
Wheel  
Limit tube

## 2 TRANSMITTER

### 2.1 Introduction of transmitter



Left lever  
(Ascend /descend  
Left/right turn)

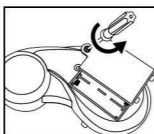
Trimming Start button

Power switch  
/ Ground / air mode

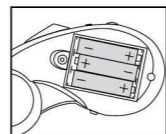
Power Indicator

Right lever  
(Forward/backward  
Left/right sideward fly)  
Press down to flip

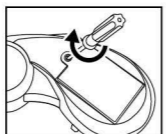
### 2.2 Install Batteries



Open the battery compartment by loosening the screws on the cover with a screw driver.



Put in 3 AAA batteries with correct directions.

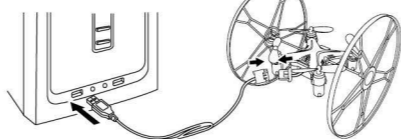


Put on the cover and get it fastened with screws.

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## 3 CHARGING LI-PO BATTERY

3.1 Connect the charger to battery and USB end onto computer or other device with USB port, such as a car. When you charge, the red indicator light will light and it will go out once finished. The voltage of USB port is 5V±0.5V.



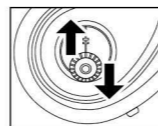
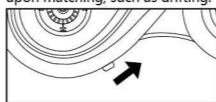
## 4 STANDBY FOR FLY

### 4.1 Operation System Booting

The program design of the quadcopter is equipped with error protection function. The correct booting procedure as below:

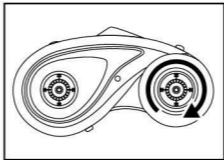
4.1.1 Turn on the power supply of the quadcopter, Then turn on the transmitter switch. The red LED light will flash as it is matching with the quadcopter. The light will keep lighting on upon matching up. In the period of matching, it is prohibited to touch any operation rod or any tuning button to avoid any negative effect upon matching, such as drifting.

4.1.2 Push power operating rod to highest and back to lowest to unlock and start up the quadcopter.



### 4.2 Calibration

Turn on the transmitter, and match it with the quadcopter. Placed in the horizontal plane; Get the right lever (swerving rudder) rotates a circle clockwise. At this time the LED lights flashing, The gyro homing and scan positioning. LED lights will stop flashing once it matches.



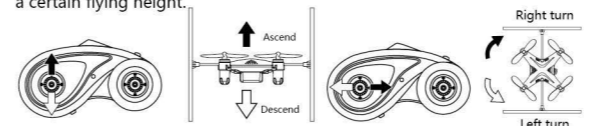
TIPS: Please kindly note that the flying object has been calibrated before delivery and it should be recalibrated by using a certain time.

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## 5 OPERATING AND CONTROL

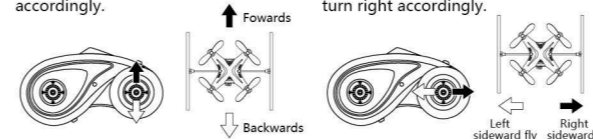
### 5.1 Operating Instructions

Please kindly note that the operating shall be made in gentle and slow way to prevent the quadcopter out of control. Each operating may cause some power loss, so it is recommended to add some power if necessary to keep a certain flying height.



Push the left lever (accelerator) up and down, the quadcopter will ascend and descends accordingly.

Push the left lever (accelerator) leftward and rightward, the quadcopter will turn left and turn right accordingly.

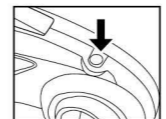


Push the right lever (swerving rudder), the quadcopter will go forward and backward accordingly. (The white light is the forward direction, the plug location is backward direction)

Push the right lever (swerving rudder) leftward and rightward, the quadcopter will go leftward and rightward accordingly.

### 5.2 Trimming

Press down the trimming button to get into the trimming mode. When the quadcopter is shifted forward, Operate the right lever backward, The front LED will flash; When the quadcopter is shifted backward, Operate the right lever forward, The back LED will flash; When the quadcopter is shifted leftward, Operate the right lever rightward, The left LED will flash; When the quadcopter is shifted rightward, Operate the right lever, The right LED will flash; In order to adjust until the quadcopter smooth flight. Press down the button again to quit trimming.



TIPS: After entering the trimming mode, 3 seconds without moving the right lever, trimming mode will automatically exit.

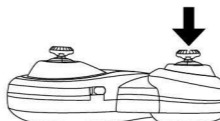
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## 6 FLIPS

The flying object has two modes as below:

1. Press down the power rod to enter into the ground mode, which allows only moving on the ground instead of flying.
2. Flying Mode: in this mode, the flying object can roll forward or backward and hover near walls and ceiling. It is flying mode by default.

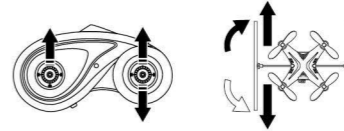
The flying object can roll only in the flying mode by pressing down the right rod.



In order to get good rolling performance, it is recommended to keep a 30 cm height between four axes and the ground in flying up. It will easy the rolling and keep it steady and a certain height after rolling.

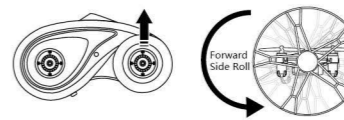
### 6.1 Ground Mode

Press down the power rod, and push forth, back, left and right, the flying object will run forth, back, or turn left or right accordingly.



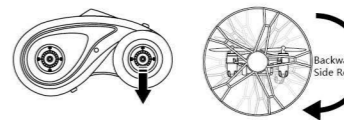
### 6.2 Roll Forth

Press down the right rod, and push forth, the flying object will roll 360°forth.



### 6.3 Roll Back

Press down the right rod, and push back, the flying object will roll 360°back.

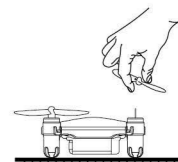
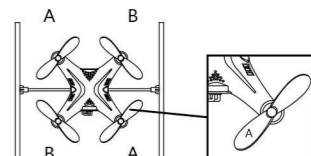


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## 7 MOUNTING BLADES

The blades are different marked as A or B. Please mount the blades as the diagram instructed. Incorrect blade mounting may cause flying failure, nonlinear flying or crashing.

Hand hold the cap of a blade and push down onto the motor driving shaft to mount.



## 8 TROUBLE SHOOTING

Remarks: When all the lights flash alternately, it is a signal of low power.

8.1 Transmitter and quadcopter not bland solution: Make sure Frequency of success.

8.2 Gyro not working well:

Solution: 1) Battery voltage too low.

2) Re-bind.

3) Make sure the quadcopter on the horizontal position.

8.3 Unable to flip

Solution: 1) Press right lever, change to flip mode.

2) Check if li-po power is too low and needs to be recharged.

8.4 Quadcopter is shaking with noise:

Solution: Check if the motors, canopy, body and propellers are all properly positioned.

8.5 Cannot take off.

Solution: 1) Wrong installation of the props. All props are marked with "A" or "B" and should be placed on the right motor (marked "A" or "B") respectively for the correct order

2) Check quadcopter canopy if loose or not, block blades flying

3) Check quadcopter battery is power full, if the low power, quadcopter canopy inner light will be alternately flashing.

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