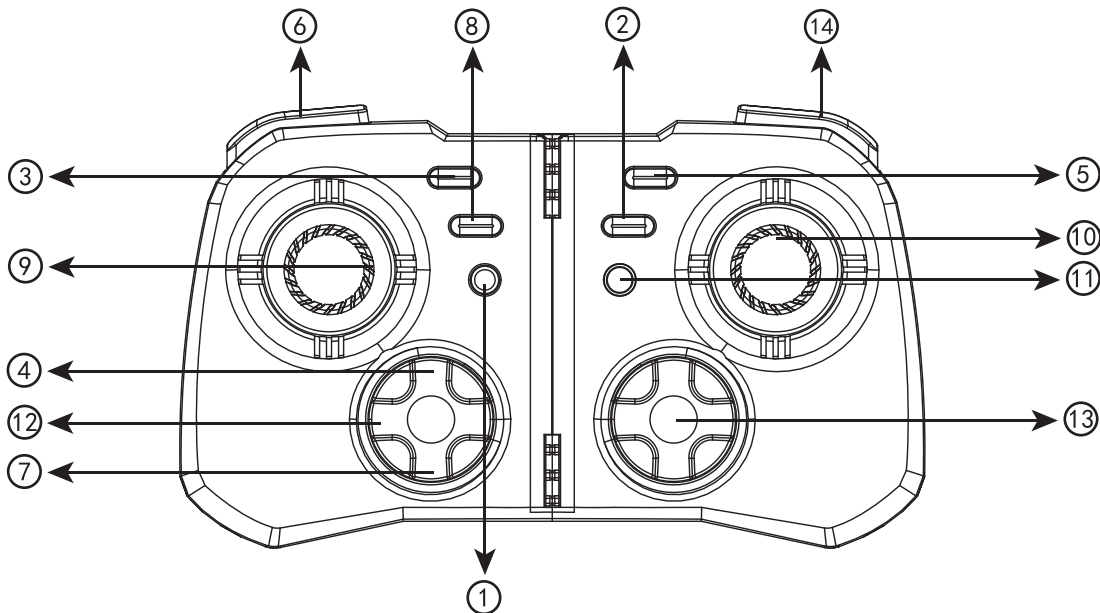


Instruction Manual of FY919

Key function on the transmitter



- | | | | |
|----------------------|------------------------|--------------------------------|---------------------|
| 1. ON/OFF | 2. One-key Calibration | 3. Non-head mode | 4. Auto-Launch/Land |
| 5. One-Key Backward | 6. Speed switch | 7. Emergency Stop | 8. Beginner Mode |
| 9. Throttle&Rotation | 10. Direction | 11. Power indicator | |
| 12. Yaw trim | 13. Direction trim | 14. One-Key Rotate | |
| | | (Function of Specific version) | |

Attention

Please read this Safety Warnings listed below before your first flight. Failure to comply with the following recommendations could lead to injuries. The RC aircraft is not intended for those under 14 years of age without proper adult supervision.

Warning

- *Please follow the instruction or packing instructions for proper installation and use. Some parts should be assembled by the adult.
- *The product contains small parts which can lead to eating or possible choking hazard.
- *Please put away the packing material in time to avoid causing harm to children.
- *It is necessary to regularly check the charger, wire plug, shell and other component. And please stop using the product until the repair if you found any damage.
- *The charger, the battery pack, and the charging device must be inserted in the same power as the product labeling.
- *Do not puncture or short the battery to avoid fire.
- *Please DO use the original configuration of the charge. And the charger is not a toy.
- * Disconnect the charger when Cleaning toys.
- *Non rechargeable battery can not be charged.
- *It is necessary for the adult guardianship when charging the rechargeable battery.
- *Do not mix old and new batteries or different types of batteries and the exhaustion of battery should be promptly removed.
- *Do not break down or short-circuit the battery, even throw into the fire.
- *Please take out the battery if did not control the product in a long time.
- *Do not touch the rotating parts to avoid causing harm to the body.
- *Please stop the motor when the paddle has seized□up to avoid overheated danger.
- *Please do not seriously impact or drop aircraft and remote control.
- *Please fly in sight to avoid losing the aircraft because of out of control.
- *Clean the product with a clean and soft cloth.
- *Users are responsible for ensuring that the product will not cause damage to itself or others. The Manufacturer or distributor will not take any responsibility for the operation of the operation of the damage caused by improper operation of their own or other people' s safety.

List of product configuration and parameters:

Configuration list : Aircraft*1, Remote Control*1, 7.4V lithium-ion battery(built-in)USB charger*1, The instructions*1, Propeller*4	
Battery(Aircraft): 7.4 V 350mA lithium batteries	Remote control radius: $\geq 30\text{m}$
Battery(Remote Control): 4 grain of 1.5V AAA battery (another purchase)	
Flying Time: 5 min	Aircraft Size: 139mm* 139mm* 51mm
Aircraft Weight: 92g	Packing Size: 325* 85* 195 mm

Battery Loading of the transmitter

Remove the battery cover of the transmitter. As the polarity shown in the battery compartment, please correctly load 4PCS AAA batteries (not included). Then please load the battery cover.

Caution:

- A. When loading the battery, please make sure correct the polarity of the battery and battery compartment. Please DO NOT load the batteries upside down.
- B. Please DO NOT mix the old batteries with the new ones or batteries of different types.

Charging Instruction of the lithium battery

(Please DO remember to pull the ON/OFF power switch to the OFF position before charging.)

1. Plug the USB charging cable into the mobile phone adopter USB port. Then the indicator light of charging cable will turn red.
2. Then insert the charging plug of the USB charger correctly into the charging cable correctly. Then the indicator light of USB will flash green.
3. Charging for about 90 minutes. Then the USB indicator will light green which means the charging has been finished. Please cut off the connection and move them to the save place.

Caution of lithium batteries related operation

- A: It is necessary to pay attention to when charging and do not leave the machine alone. And please stop if the battery get thermal during charging to avoid battery damage or fire, etc.
- B: Do not charge next to the inflammable and explosives. And please stop using the battery if got thermal, metamorphous or discoloring when charging suddenly.
- C: Pay attention to your skin and eyes when the battery leaks. And please rinse with plenty of water if connect with skin or eyes. Then seek for medical attention.
- D: Please choose the original configuration charger and ensure that the Voltage of the charger is suitable for the local standard
- E: Please do not put the battery into the fire, microwave or pressure vessel.
- F: Please do not clean through the solvents, industrial alcohol or flammable solvent.
- G: This product is combined with plastic, electronic and battery. Please deal according to the local garbage collection requirement.

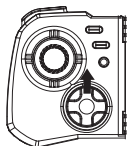
Preparation before operating the aircraft.

1. Battery loading and power-on: Load the battery into the battery box as the picture A shown and ensure to connect with the right power plug.
2. Caution: When connecting the power plug, please ensure the “+” “-” polarity while the red line to “+” .

Frequency Match

1. Please connect correctly the power socket of the Quad-rotor and the battery plug, and then point the tail of the Quad-rotor will be quickly flashing and please DO NOT move the fuselage.
2. Press the ON/OFF of the RC, and you will hear one sound of “di...di...” sending out from the transmitter. This time the power indicator of the transmitter and the LED light of the Quad-rotor will keep eternal bright ” ON” , which represents the decoding is successfully finished and you can operate and control the Quad-rotor.
3. When control several drones, please ensure to be on code one by one and to avoid error.

Aircraft starting/Landing Control Method



Start/Landing

A: Start/Landing

1. Press the Start/Landing switch. Then the aircraft will launch to 2m automatically.
2. Press the Start/Landing switch during the flight, the aircraft will descend to the ground in smoothly.



Emergency Stop

B: Emergency Stop

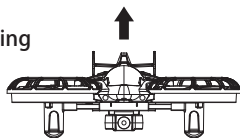
Please quickly press the Emergency Stop Key twice when the aircraft is fallen off by accident or occur to the danger. The aircraft will stop working immediately.

Tips: Push upward the throttle lever and the aircraft will raise to the assigned height. Then please loosen the throttle lever and the aircraft will be flying steadily as per this height.

Basic Operation Guide



Ascending



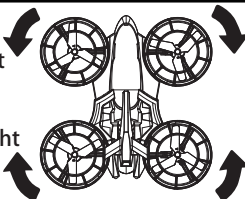
Descending



When pushing the throttle stick upward, the aircraft will be ascending;
When the throttle lever is pushed down, the aircraft drops;

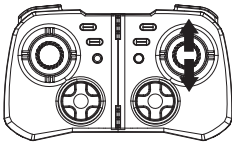
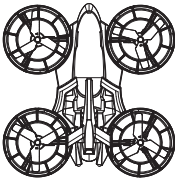
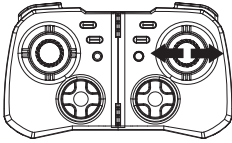
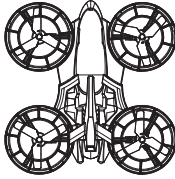


Turn-left

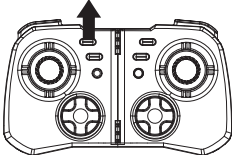


Turn-right

When pushing the throttle stick to the left, the aircraft will turn left
When the throttle lever is pushed to the right, the aircraft turn right.

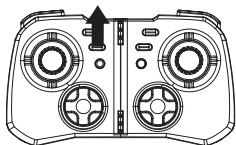
	Forward ↑  Backward ↓	When pushing the direction stick upward, the aircraft will be advancing forward. When the direction of the lever back to pull down, the aircraft fly backward.
	← Left-side  Right-side →	When pushing the direction stick to the left, the aircraft will fly to the left side. When the direction of the joystick to the right, aircraft fly on the right side.

Operating method of the non-head mode

Non-Head Mode ON/OFF 	1. Firstly, please kindly confirm the forward direction before entering into the none-head mode. Press the key of the non-head mode. The power indicator will flash 3 times, which means that it has entered into the non-head mode. Regardless of the direction, the aircraft will fly to the direction confirmed at the beginning. 2. If you need to exit the non-head mode, please press the key of non-head mode to exit. When the Blue LED on the head of aircraft stop flashing, the non-head mode is OFF.
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Tips: The following direction under the non-head mode is the forward direction when the decoding or calibrating is made. When entering into the non-head mode, the aircraft can rotate to either direction, its forward direction still be following the forward direction when the calibrating is made.

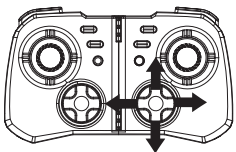
Beginner Mode



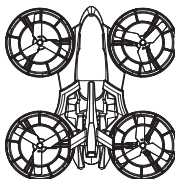
The Max height of flight when under beginner mode is 2-3 m

Trim & Calibration of the Drone

Push slowly the throttle lever. When the aircraft ascending till about 1.5 meters, if the aircraft make spinning in the air or titling toward different direction still be following the forward different direction. Its forward direction still be following the forward direction when the decoding, you can fine-tune to correct the action.



Move
forward



Move
backward

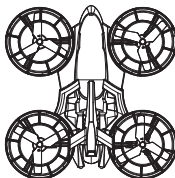


When deviating toward forward, please trim it to the back until it is well repaired.

When deviating toward backward, please trim it to the forward until it is well repaired.

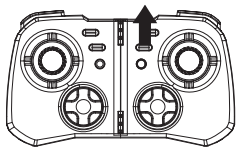


Move to
the left



Move to
the right

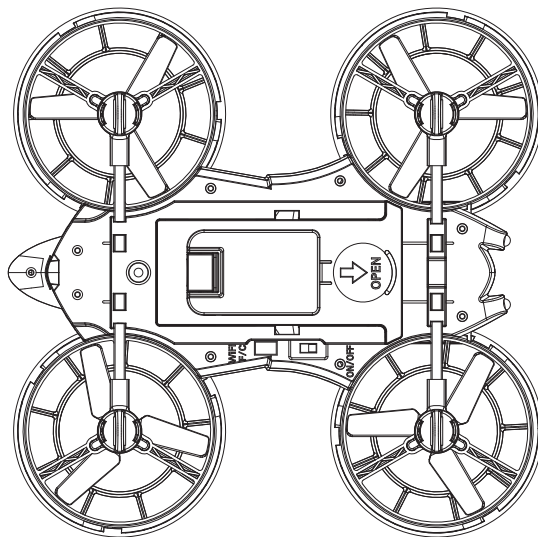
When deviating to the left, please trim it to the right until it is well repaired. The deviating to the right, please trim it to the left, until the repair.



One-key Calibration (Please place the remote control on the ground)

Loading & Unloading BATTERY

As the picture shown below, firstly, please press the arrow area, turn the battery door to the right and you can unload the battery.



Aircraft WIFI mobile control and real-time transmission instructions

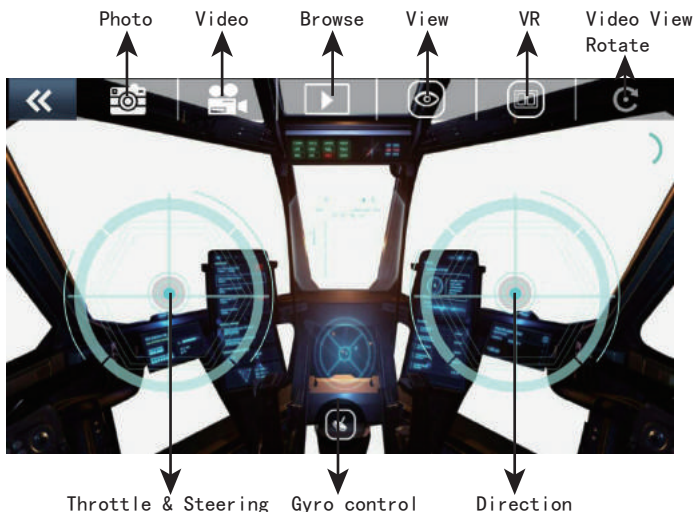
- 1、Please download the APP
- 2、Connect the WIFI in the setting on the mobile phone (There will be no password)
- 3、Click the Flying 3D to into the APP.
- 4、The throttle will be hide when stand for 3 s.
- 5、Click the Hide interface and then the main interface will be hidden



APP Store



Google play

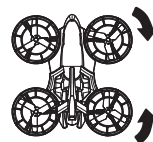


Loading and unloading method of the protective ring of the aircraft

Turn the protective ring to the left and you can unload the protective ring as the picture shown below.

Turn the protective ring and you can lock it tightly as the picture shown below

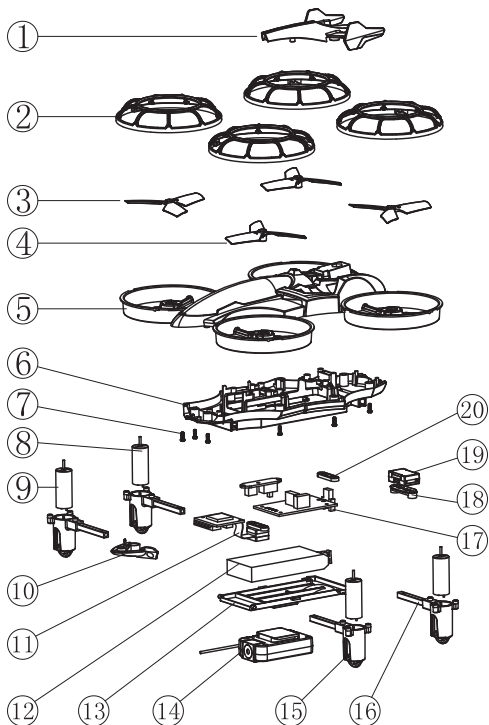
Turn the protective ring to the right and you can lock it tightly as the picture shown below.



Problem Solving Guidelines

Question	Reason	Treatment
Powered cannot control	Remote control and aircraft power supply bad.	Check and Charge the battery according to battery installation instructions. The code the aircraft.
	The remote control and aircraft to code without success.	Re-code according to the front of the code description.
Severe shock	The rotor deformation.	Replace the new corresponding rotor.
	Hollow shaft bending.	Replace the new hollow shaft.
Aircraft from total flying to one side	The rotor deformation.	The replacement of the new rotor.
	There is a motor damage.	Replace the new corresponding motor.
	The aircraft is not horizontal when code.	Push the One-key Calibration.
Out of control	Beyond the remote control distance.	Control in the distance of 30m
	There are more than one aircraft turn on the power during binding.	Please re-code (It is necessary to bind one by one.)
Cannot take off	The rotor rotating speed is too slow	Will throttle control lever slowly push up
	Aircraft battery shortage	Replace the full battery or battery full of power Re-control
Landing too fast	Quickly back to the throttle lever	Let the aircraft fall, please slowly pull back the throttle control lever.

Accessories List



NO	Patrs	Quantity
01	Rear Wing	1
02	Protective Cover	4
03	Reversal Propeller	2
04	Forward Propeller	2
05	Cover	1
06	Bottom	1
07	Screw	41
08	Motor	2
09	Motor	2
10	Ornament	1
11	Optical Module	1
12	Battery	1
13	Battery Cover	1
14	WIFI Module	1
15	Motor Seat	4
16	Arm Tube	4
17	Main Circuit Board	1
18	Gyro Seat	1
19	Gyro Board	1
20	Press block	2

FCC STATEMENT

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications 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 can radiate 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.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body

