

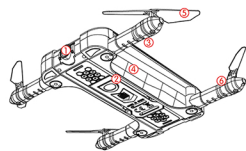
# SPOTLIGHT

## NEW GENERATION OPTICAL FLOW POSITIONING FOLDABLE DRONE

\*Please read this manual carefully before operation and keep it properly for future reference.

### KNOW YOUR SPOTLIGHT

With 2.4G frequency band for long remote control distance, SPOTLIGHT allows multiple flights at the same time without any interference. It is easy to operate via the APP on WiFi-enabled smartphone to control functions such as fly, flips and rolls, hover, take photos and optical flow positioning ect.



- ① Camera
- ② Battery
- ③ Upper Casing
- ④ Lower Casing
- ⑤ Propeller
- ⑥ Crankshaft

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### ACCESSORIES


 SPOTLIGHT x1  
(Battery Included)


Phillips Screwdriver x1



USB Charger x1



Backup Propeller x4



Protective Bag x1



User Manual x1

#### Notes:

Please check the number of accessories carefully (as shown above). Please provide proof of purchase and contact the store for replacement if any missing parts.

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### PRE-FLIGHT PREPARATION

#### 1. Flight Environment



Indoor: Spacious spaces away from barriers, crowds or pets are preferred.



Outdoor: Sunny, windless and breezy weathers are preferred.



Please keep the drone in sight during the flight and keep it away from barriers, high-tension cables, trees and people.

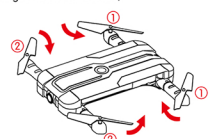


Do not fly in extreme environment, such as hotness, coldness, strong wind or heavy rain.

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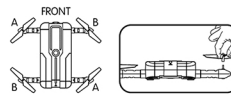
#### 2. Unfolding the Crankshafts

Unfold the back right crankshaft first, and then the front crankshaft close to the camera (vice versa when folding down the crankshafts).



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#### 3. Propellers Installation

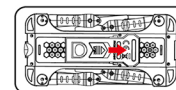


#### Notes:

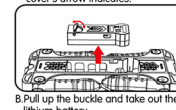
When installing or dismantling the propeller, please do not exert force on the propeller in case of distortion.

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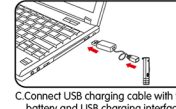
#### 4. Drone Battery Charging



A Push the battery compartment cover to the right along the direction the cover's arrow indicates.



B Pull up the buckle and take out the lithium battery.



C Connect USB charging cable with the battery and USB charging interface.

#### Notes:

The LED light turns on when the battery is charging and turns off when the charging completes. It takes about 120 to 150 minutes to charge up to full, and gives 8 minutes of running time when fully charged.

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#### ▲ Battery Instructions

- There is a certain risk when using lithium battery.
- It may cause fire, body injury or property loss. Users must be aware of the risks and take full responsibility of using battery improperly.
- If battery leakage occurs, please avoid contacting your eyes or skin with electrolyte. Once it happens, please wash your eyes with clean water and seek medical care immediately.
- Please remove the plug immediately if you sense any peculiar smell, noise or smog.

#### Battery Charging

- Please use the charger from original factory to ensure your safe usage.
- Do not charge dilutant or outworn battery.
- Do not over charge battery. Please unplug the charger once fully charged.
- Do not charge the battery next to inflammables, such as carpet, timber floor or wood furniture or on the surface of electro-conductive objects. Please always keep an eye on the battery when charging.
- Do not charge battery which not cool down yet.
- The charging temperature should be between 0°C to 40°C.

#### Battery Recycling

- Do not dispose the battery as daily rubbish. Please familiarize yourself with the local garbage disposal method and dispose it according to the special requirement.

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### KNOW YOUR REMOTE CONTROL APP

#### 1. Wifi Connection

① Use your phone to scan the QR code, download and install the control software: 'JIRC', Android, Android (Google Play) and iOS are all supported.



Android



Android (Google Play)

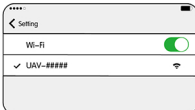


iOS



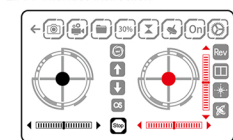
JIRC

② Long press the drone for 2 seconds and the lights will flash; turn on your mobile phone to connect WiFi (JAV-#####), as shown in figure.



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#### 2. APP Interface Instruction



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### FLY WITH APP

#### 1. Pairing Remote Control with Drone

Click ① "ON", then click ② "Altitude Hold" to pair remote control with drone.



#### 2. Gyro Calibration

① Click "Gyro Calibration" to calibrate the gyro before takeoff as to ensure drone stability during flights.  
② If the drone crashes or yaws in mid-flight, please return the drone to land on a level surface, and click "Gyro Calibration" to re-calibrate the gyro before takeoff again.



#### Notes:

When the drone is within 30cm from the ground, it will be affected by the blade vortex made by itself and become unstable. This is "ground effect". The lighter the drone is, the greater the effect will be.

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#### 3. One-Key Start

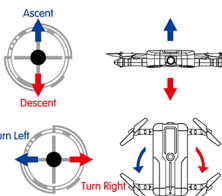
Click "One-key Start" to activate the motor and propellers, the drone will take off and then fly at a height of 1.5 m above the ground.



#### 4. Basic Flight

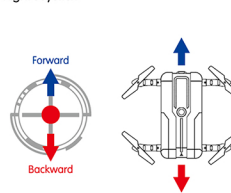
Use the left joystick to control the flight altitude and turn left/right, and the right joystick to control the forward, backward, left and right sideward flight directions.

#### Left Joystick



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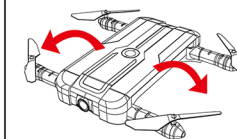
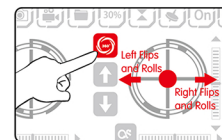
#### Right Joystick



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#### Flips&Rolls

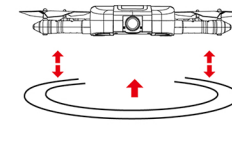
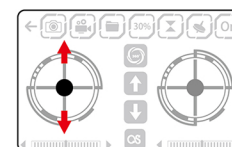
When the drone is reaching more than 1.5 meters high, click "Flips&Rolls" and move the right joystick to a certain direction, the drone will rotate in that direction.



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#### Hover

When you release the left joystick (throttle) after the ascent/descent action, the drone will hover at a certain height.



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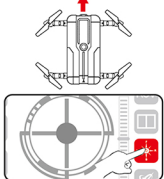
#### 5. Speed Control

Press the "Speed Control" button to control the speed with options of 30%, 60% and 100%.



#### 6. Headless Mode

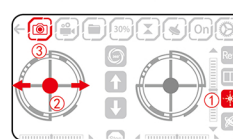
After the pairing has been successful, ensure the drone's front (the front is the side where the camera is) is on the ground or hovers in the air, and click "Headless Mode" to turn on headless mode. When the LED light on the drone's bottom starts to flash, the headless mode is enabled, and the drone can fly forward relative to your direction, other than the heading of the drone.



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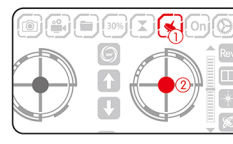
#### 7. Take Selfies

In the Altitude Hold mode, you can control the drone to turn the camera towards yourself, then click the camera button on the screen to take selfies. (Lens can be manually adjusted 30-90° angle)



#### 8. Gravity Sensor Control

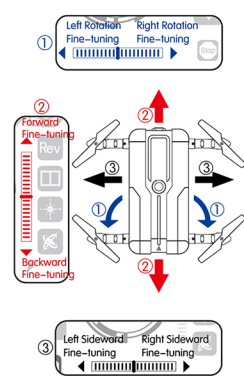
Click to enter Gravity Sensor Control, put your right hand thumb on the right joystick, and move the phone towards any direction for remote control.



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#### 9. Fine-Tuning

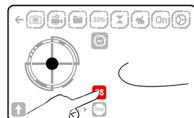
If the drone rotates or yaws, click the "Fine-Tuning" to the reverse direction of yawing till the yaw is adjusted and the drone stays oriented at the control.



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#### 10. Flight Planning

When the drone takes off, click "Flight Planning" button to activate flight path mode. Draw a path in the blank, and the drone would perform the flight path at the altitude as you pilot and fly on its own.



#### 11. Beauty Mode

The built-in beauty mode on camera can automatically beautify images to deliver improved and stunning images with outstanding qualities.



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### FAQ

PROBLEMS	CAUSES	SOLUTIONS
The drone has no reaction	Pairing failed.	Pair again.
	Low voltage.	Re-charge the drone battery.
The drone vibrates	Propellers were deformed due to crash.	Re-shape the propellers or replace with new propellers.
	Improper operation.	Refer to user manual.
Flip and rolls failed	Low voltage.	Re-charge the drone battery.
	Beyond control range.	Fly the drone within a distance of 30 meters.

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### JIRC TECHNICAL SUPPORT

Dear Customer,

Thank you for choosing JIRC product. Please visit JIRC official website for more FAQ and information if there is any problem of using our product.

-Product Operation: Please visit JIRC College for tutorial video or user manual.  
-Product Features: Please refer to product page description or product brochure.  
-After-sale Service: Please refer to conditions and terms of after-sale service.  
The final interpretation right belongs to all JIRC.

Should you have any further questions, please visit JIRC Online Feedback and leave your message.

Thank you again for your support!

JIANJIAN TECHNOLOGY CO.,LTD.  
www.jirc.com

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