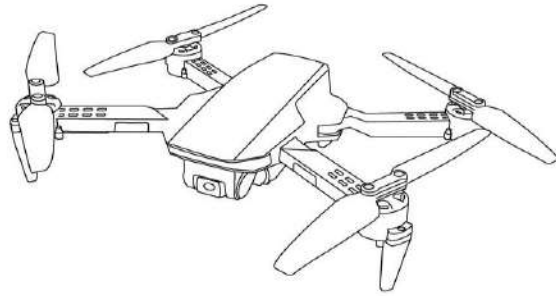


AGES  
14+

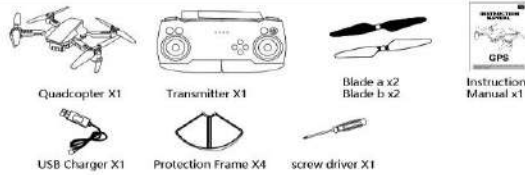
# INSTRUCTION MANUAL



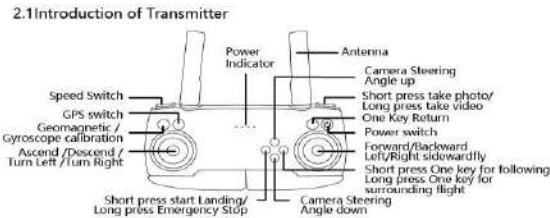
## GPS

Please read this Manual carefully before use, and properly keep it for reference

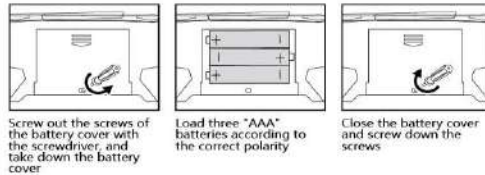
### 1. INCLUDED PARTS



### 2. TRANSMITTER



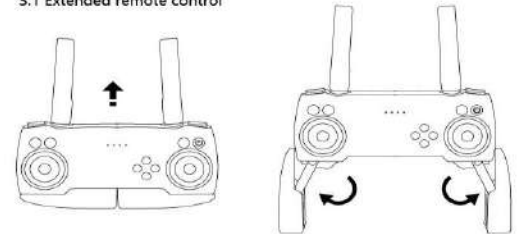
#### 2.2 Install Batteries



01

### 3. INSTALLATION

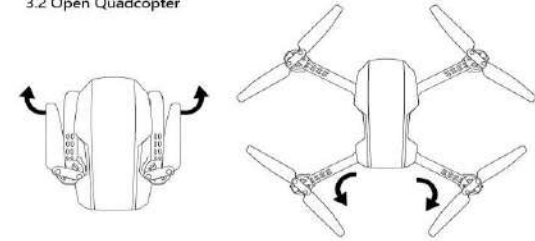
#### 3.1 Extended remote control



★ Open Antenna (Rotatable)

★ Push the smart phone holder up from the bottom of the controller and pull it to the top.

#### 3.2 Open Quadcopter

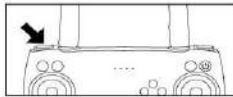


★ Open the blades in turn until clicks. All the blades should be opened before takeoff.

02

#### 6.2 Speed threshold switching method

While operating the aircraft, the operator can adjust the control speed according to specific needs. The key on the top left corner of the remote control is used for speed threshold switching. One gear of speed will be switched by pressing it every time.

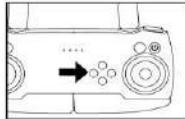


① Two "tick" sounds stand for quick-gear speed control. In other words, the aircraft is operated under 100% speed.

### 7. FUNCTION OPERATION

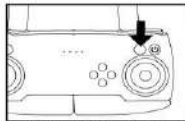
#### 7.1 One key takeoff / One key landing

After the signal matching is complete, press the One key takeoff / One key landing switch, the quadcopter takeoff and hover at the height about 3 ft. Press this button again, the quadcopter landing slow.



#### 7.2 One key return (Only under GPS mode)

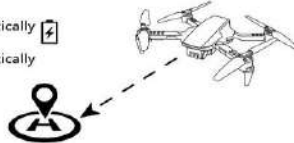
During flight, press the One key return button, after remote control make a drip, the quadcopter will fly return. If the quadcopter veered off course on returning, please control the right joystick to correct direction.



★ ★ During the returning, press the One key return button again to stop the quadcopter fly return.

★ ★ During the returning, push the right joystick forward to stop the quadcopter fly return.

1. The aircraft will return automatically in case of low voltage.
2. The aircraft will return automatically in case of signal losing.
3. The aircraft will return automatically in case of outage of the remote control.



06

#### 7.3 One key follow me

During flight, short press the One key follow me button, remote control make a drip, quadcopter enter follow me mode and it will fly and follow to the GPS of your smart cellphone.



★ ★ Follow me function must connect to APP, click the map in App, the follow me function is ready after the App show the map.

#### 7.4 One-key surrounding

Fly to the position where it is about to surround, and press the "One-key surrounding" on the remote control; at this time, the control will tick. 360° surrounding will be executed after the aircraft flies to the set radius with this position as the center and after the nose turns to the surrounding center.

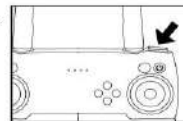


press the button of One key for circle flight again, the quadcopter stop circling.

#### 7.5 Take picture / Video

During flight, short press the Picture button, remote control make a drip then quadcopter's camera take a picture. Press this button one time, the camera take a picture.

During flight, long press the Video button, remote control make a drip, quadcopter's camera start video record, press the button again to stop video record.



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#### 7.6 Motorized adjustable lens (Some versions do not have this feature)

The camera of quadcopter built with HD camera and high precision adjustable steering gear, press the adjust button on remote control to change the camera shooting angle.



① Press the top button as shown, camera move up. Long press this button, camera will keep moving up.

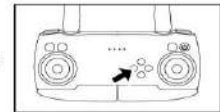
② Press the below button as shown, camera move down. The adjustable angle of the camera is less than 75°.

★ Adjusting the shooting angle of camera during flight to make more exciting videos.

#### 7.7 Emergency stop

During flight, if there is any emergency situation, long press the Emergency stop button three seconds to stop the quadcopter immediately.

★ Emergency stop function effect under 9.8 ft in height.



#### 7.8 Low power protection

During flight, if the following low battery conditions occur, please return in time.

① During flight, quadcopter's front indicator keep flashing, remote control keep making drip, it means the quadcopter is low power and please return immediately for charging.

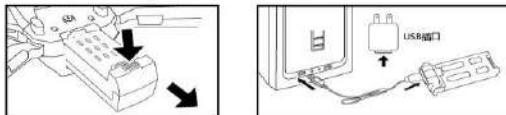
② During flight, both front and tail indicators of quadcopter keep flashing and remote control keep making drip hurriedly. It means the quadcopter's battery is about to run out. Under outdoor GPS mode, quadcopter will be forced to return automatically. Under indoor optical flow mode, the quadcopter will be forced to landing.

③ During flight, when remote control is low power, its indicator will keep flash. Please change the battery in time.

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#### 4. CHARGING OF LITHIUM BATTERY

Please fully charge the battery before flying. How to charge the battery: take out the battery by pressing down the button lock, connect the charging cable with USB output port(5V) and the battery. When the battery is charging, the USB red light turns on and turns off when battery is full-charged. Charging time is about 90mins, flying time is about 15mins



- ★If this product will not be used for a long period of time, please maintain 50% electric quantity, so as to lengthen the service life of the battery.
- ★To maintain 50% electric quantity, it only needs to charge for half the time of full charging.

#### 5. OPERATIONAL GUIDELINES

##### 5.1 Startup program

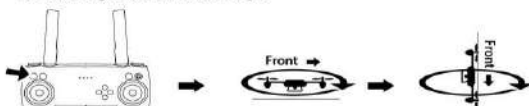
- ① Plug in the battery, connect it with aircraft.
- ② The LED lights under the four motor bases of the aircraft will flicker by long pressing the power switch for 2s. Put the aircraft on a horizontal plane
- ③ Turn on the remote control, the indicator keeps flashing and it will match signal. The indicator of quadcopter changes from quickly flashing to slow flashing.



- ★★The quadcopter should succeed pairing in order to the steady flight
- ★★When the quadcopter took off serious deviation, this way is useful for the Gyro pair

03

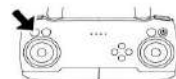
##### 5.2 Geomagnetic calibration steps



- ① Long press the button till the quadcopter's front red indicator and tail green indicator are flash quickly.
  - ② Rotate horizontally and clockwise— Hold the quadcopter horizontally and rotate it clockwise, till its front red indicator keep light on and tail green indicator keep flashing. When the remote control made a drip, the horizontal calibration completed.
  - ③ Hold the quadcopter's tail up and head down, then rotate it clockwise, till both its front red indicator and tail green indicator keep light on. When the remote control made double drip, the guidelines calibration completed.
- ★★Enter GPS mode, both the front red indicator and tail green indicator flash slowly, the quadcopter is searching star status. When searching completed, these indicators keep light on.
- ★★Enter the optical flow mode, quadcopter's front red indicator flash slowly, its tail green indicator keep light on.

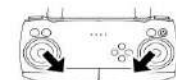
##### 5.3 Gyroscope calibration steps

Short press the gyroscope calibration button, both front and tail indicator flash quickly then keep light on. Gyroscope is completed. Gyroscope calibration makes the quadcopter fly more stable.



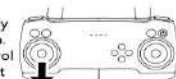
##### 5.4 Unlock and start

After calibration, pull the left and right joystick to the inner lower corner for takeoff unlock. The quadcopter is ready for takeoff.



##### 5.5 Shutdown program

The aircraft will land on the ground automatically by holding the accelerator at the lowest position. The paddles will stop rotating. The remote control will tick by pressing down the one key return. At this time, the aircraft will land on the ground automatically, and the paddles will stop rotating.



04

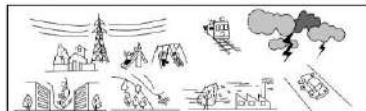
#### 6. OPERATION AND CONTROL

##### 6.1 Basic action operating method

The aircraft will ascend or descend accordingly by pushing the left operating lever (accelerator) upward or downward.		
The aircraft will turn left or right accordingly by pushing the left operating lever (accelerator) toward the left or right direction.		
The aircraft will go forward or retreat accordingly by pushing the right operating lever (direction) upward or downward.		
The aircraft will fly on the left or right side accordingly by pushing the right operating lever (direction) toward the left or right direction.		

05

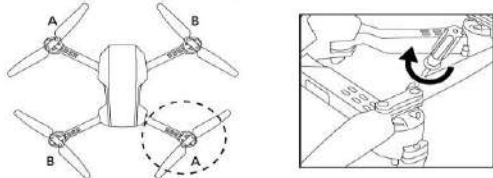
#### 8. FLIGHT ENVIRONMENT



Avoid flight in such environment, so as to avoid unintentional injuries or damage to the aircraft

#### 9. REPLACEMENT OF FAN BLADE

In case of bruise or deformation, the user may take out the fan blades for replacement. ★The fan blades shall be installed at the required position. The letters on the blade must be consistent with the letters on the motor cover, namely "A" to "A" and "B" to "B". Otherwise, the aircraft cannot take off normally.



- ① Disassemble the anchor screws of the fan blade and the lower lampshade, and take out the damaged fan blade
- ② Take out the new fan blade, align it with the spindle, insert and withstand the cone at the lower end, reverse the fan blade to make its inner offset consistent with the spindle offset
- ③ Insert the fan blade to the bottom, and lock the anchor screws of the fan blade and the lampshade

#### 10. SAFETY NOTES

- ① Keep away from obstacle  
This product is suitable for outdoor flight. The obstacle-environment shall be selected, so as to avoid collision with any person or other objects and thus damage the aircraft.
- ② Keep away from damp and hot environment  
The aircraft consists of many precise electronic elements. Therefore, moisture, high-temperature exposure and other impacts must be avoided, so as to avoid any damage to the electronic elements.

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④Use safety of lithium battery  
It is prohibited to refit or use other lithium batteries for flight. The lithium batteries produced by different manufacturers differ a lot in terms of internal configuration. Otherwise, it will damage relevant electronic elements or even endanger the personal safety. It is prohibited to charge with other chargers (except the original), so as to avoid short circuit, expansion, deformation, fire, explosion and other risks.

④Use safety of NI-MH battery  
It needs to confirm the position of positive/negative electrode while installing the battery of the remote control. Old and new batteries cannot be mixed, so as to avoid any impact on the service life. If this product will not be used for a long period of time, please take out the battery to avoid leakage and fault. In case of any leakage of the battery, please do not use again.

#### 11. TROUBLESHOOTING

Issue	Cause	Solution
The aircraft has no response.	1. Unsuccessful coding; 2. Low voltage of the aircraft or the remote control	1. Code again; 2. Replace the battery of the remote control 3. Recharge the aircraft
Failure to take off	1. Wrong assembly of the fan blade; 2. Deformation of the fan blade after collision; 3. The LED light of the aircraft flickers.	1. Check the part of fan blade installation in the specification; 2. Strengthen or replace the fan blade; 3. Low-voltage protection or recharge the aircraft
Shaking of the aircraft	1. Deformation of the fan blade after collision; 2. Offset of the gyroscope	1. Strengthen or replace the fan blade; 2. Check the part of gyroscope calibration in the specification
Delayed response or interrupted signal of the aircraft	Low voltage of the remote control	Replace the battery of the remote control
The aircraft cannot hover.	The gyroscope is not calibrated.	Calibrate the gyroscope according to the specification

#### 12. LIST OF SPARE PARTS



1. Transmitter



2. Li-poly battery

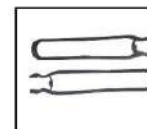


3. Top body

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4. Bottom body



5. Protection frame



6. Blades A/B



7. USB charger



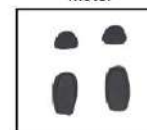
8. Positive inversion motor



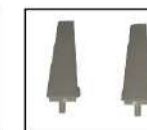
9. Wheel Gear



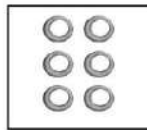
10. Lampshade



11. Cushion



12. Landing gear



13. Oil Bushing



14. Steel Pipe



15. GPS module

11

【2#E】

# WiFi user manual

## WiFi link mobile phone control operation

Apple system (IOS) and Android (Android) mobile phone software  
WiFi connection steps and usage


### 1. Download and Install the software

Scan the QR code (Figure 1) to download and install, the APP name is LP GPS PRO



figure 1

### 2. WiFi connection instructions

1. Power on the aircraft.
2. Enter the phone setting option, find the device WiFi-5G-GPS\*\*\*\*\* in the WiFi option and exit the setting option after successful connection.
3. Open the software LP GPS PRO on the phone, click to enter the  control interface.  
(Try to stay away from other WiFi signal source environment when using)

### Control interface description



- |                      |                     |
|----------------------|---------------------|
| 1. Home              | 8. Video            |
| 2. Gesture photo     | production          |
| 3. Gyro calibration  | 9. Flight record    |
| 4. Trajectory flight | 10. Settings        |
| 5. One-key return    | 11. VR split screen |
| 6. One-click         | 12. Lens switching  |
| 7. Follow            | 13. Video           |
|                      | 14. Take pictures   |
|                      | 15. Media library   |