



# Trend Vision Light Up Rechargeable Quadcopter Drone Instruction Manual

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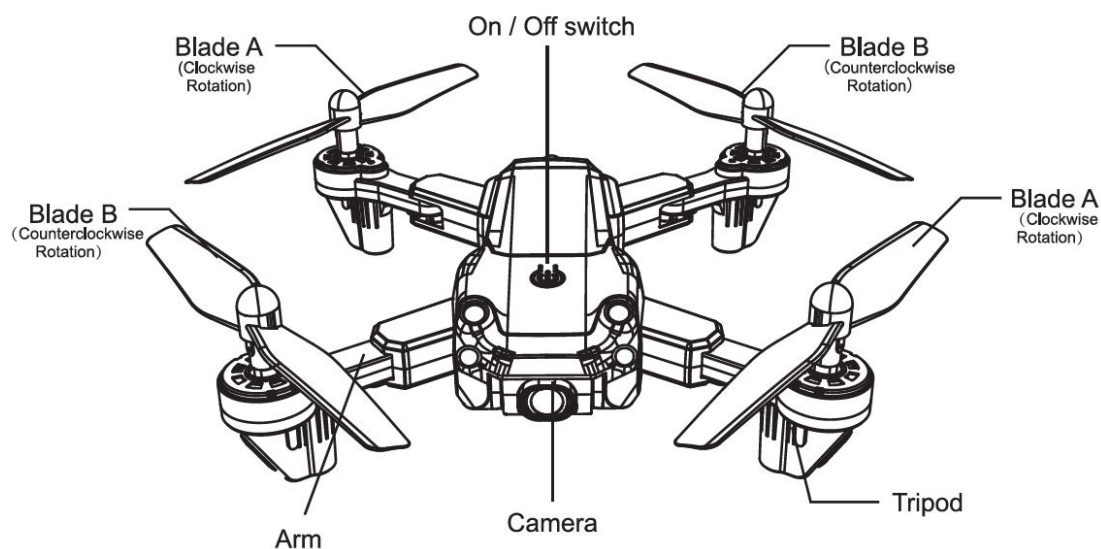
# TRENDVISION

Trend Vision Light Up Rechargeable Quadcopter Drone

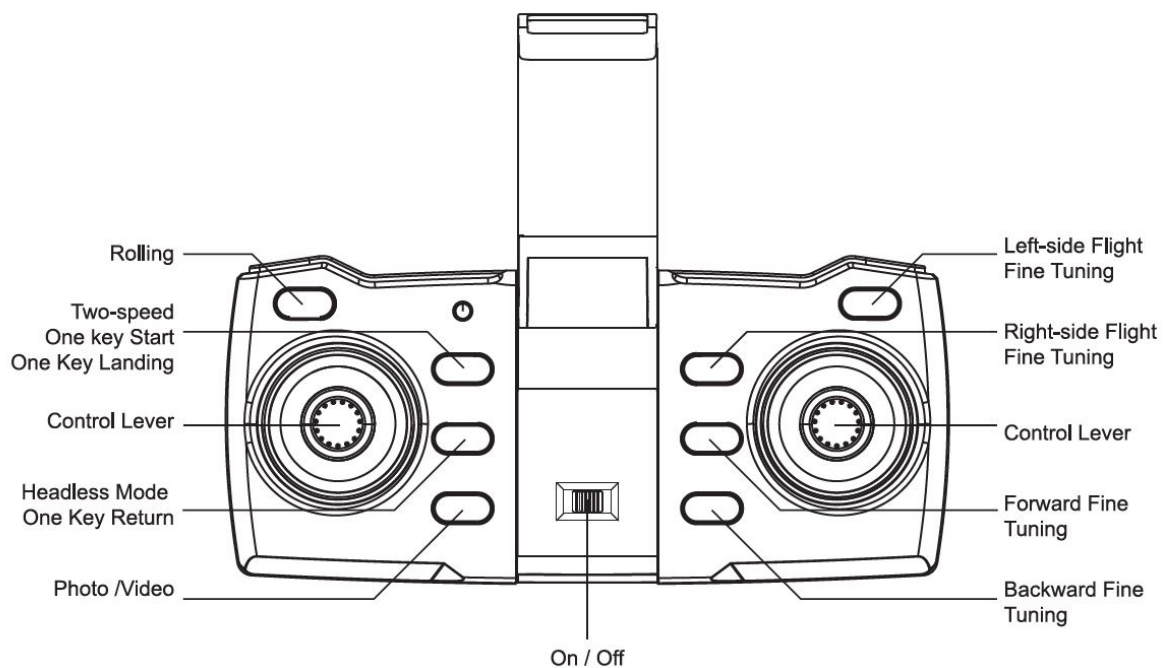


Thank you for your purchase of this product. Please read the Operation Instruction carefully and conduct operation and usage according to the Operation Instruction. Please keep this User Manual for your reference when conducting daily maintenance and adjustment.

## OVERVIEW



## REMOTE CONTROL



Low power indication: when the power is lower than 3V, there is the warning tone “Di—Di”, it means user needs to change the new batteries.

## BATTERY INSTALLATION

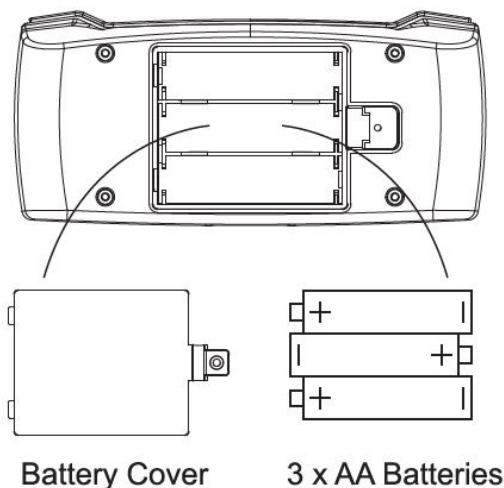
Battery Installation: Open the battery cover on the back of the remote control and follow the instructions of electrodes in the battery box.

Insert 3 x AA alkaline batteries correctly.

(Batteries are not included)

Do not mix old and new batteries.

Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.



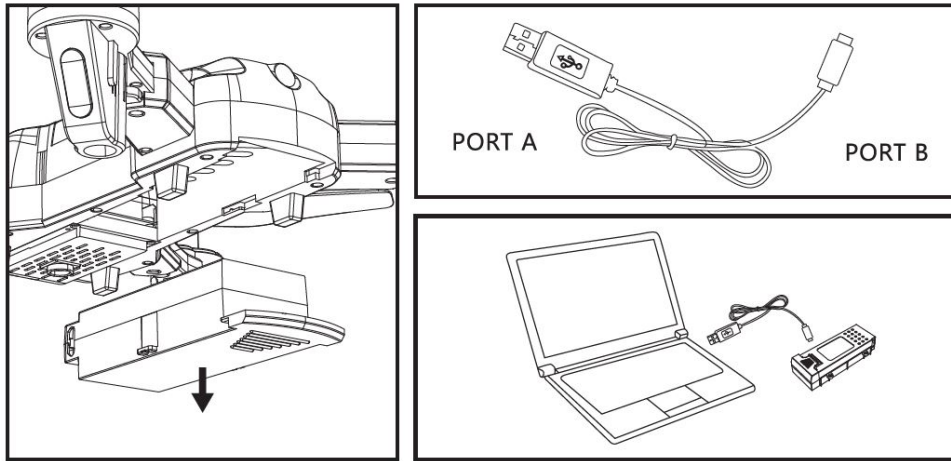
## CHARGING BATTERY FOR THE QUADCOPTER

Turn off the quadcopter and slide the battery out from the quadcopter.

Connect port A to the power supply and connect port B to the battery.

The red light will be on when charging. The charging time is about 100 minutes.

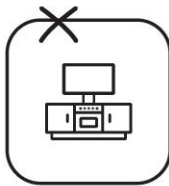
The light will be off when full.



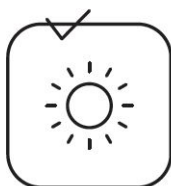
### Important:

1. Please stop charging the battery when the port heats up. This may cause damage to the battery.
2. Charge the battery only under adult supervision.
3. Please only use the factory—supplied USB cable to charge the battery.
4. Please do not charge the battery if the temperature is warm after flying.  
Please make sure the battery is cooled down before charging.
5. Please do not throw the battery into the fire.

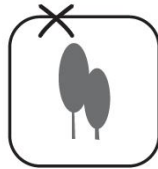
### FLIGHT ENVIRONMENT REQUIREMENTS



Indoor flight: Ensure that there is enough open space with no obstacles with no people or pets.



Outdoor flying: Only fly during clear, sunny or windless days



Keep the aircraft within your sight when flying, away from obstacles, high-voltage lines, trees, etc.



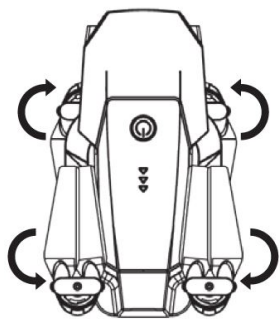
Do not fly when there is a strong wind, heavy rain, or inclement weather conditions.

## OPEN THE WING

### Opening Steps:

1. Open the front arm (close to camera)
2. Open the back arm

To close the wings reverse the steps.

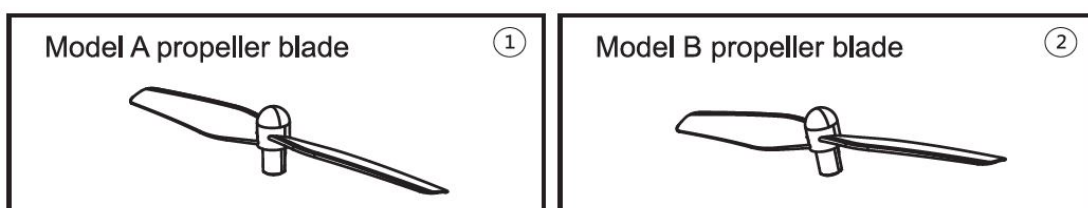


Open Arms

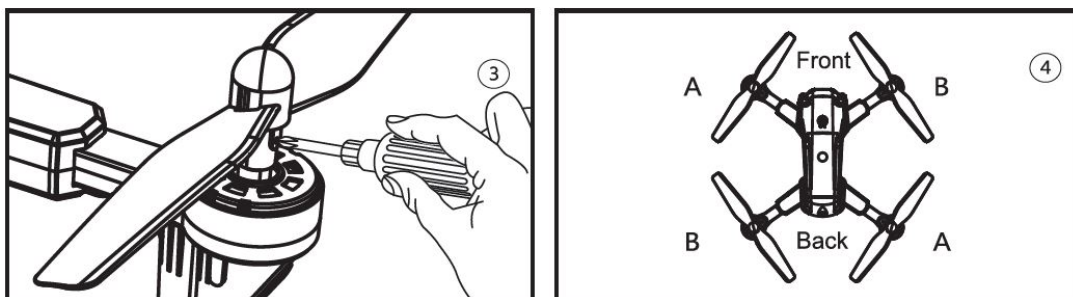
## INSTALLING THE PROPELLERS

There are extra propellers supplied with the drone in case of damage or defect on the originally installed propellers.

1. When installing for the first time, please carefully distinguish the propellers type.



2. Referring to Figure 3, insert the groove of propeller opener into the bottom of propeller which needs to be replaced. And press the handle of the opener to take down the propeller.

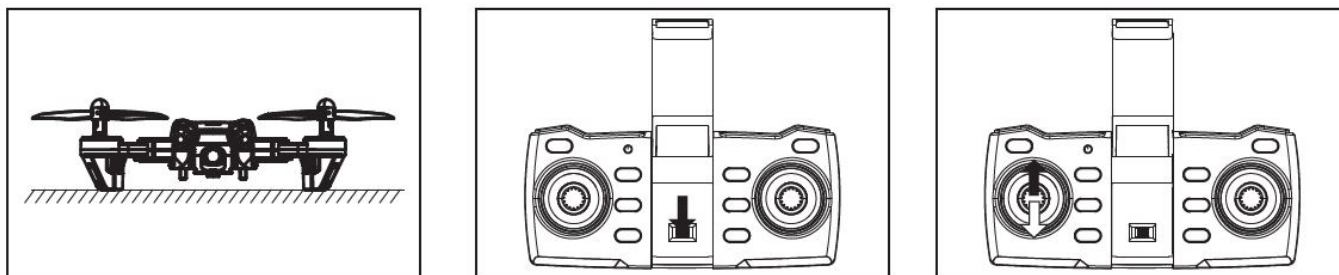


- Referring to Figure 4, distinguish between type A and type B propellers, and press the propeller vertically to install them on the motor shaft. the mark can be found on the rotor. It is extremely important to use the correct propeller (A or B) for replacement.

Using the incorrect propeller may cause the drone to be uncontrollable.

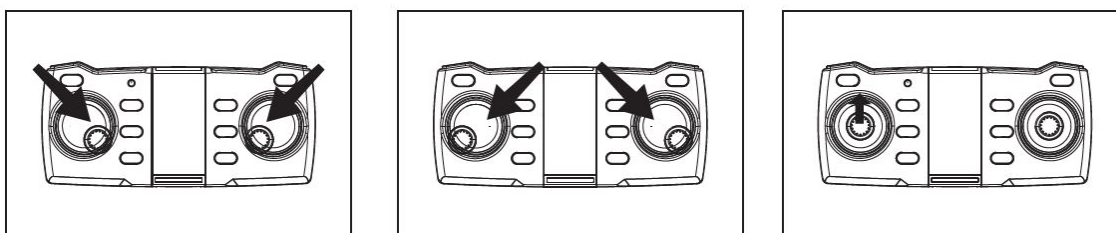
## PREPARE TO FLY

Make sure the propeller is installed correctly and the arms are fully opened.



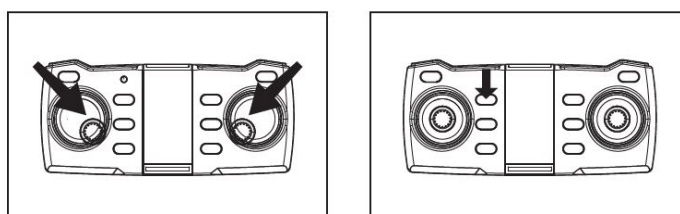
- Press the ON/OFF button on the drone for 2 seconds to turn on the drone.
- Open the remote control handle. Turn on the power and hear “Di” sound is successful.
- Push the left lever up and down. The indicator light is always on.

### Take-off Method 1:



- Bring both lever towards each other to start calibration.
- Push both levers away from each other to unlock the quadcopter.
- Slowly push the left lever up to start propeller and begin flight.

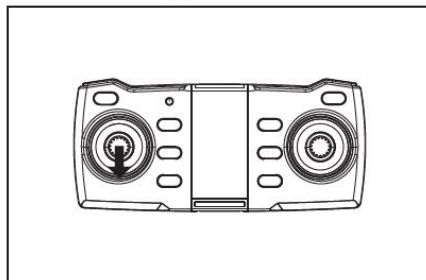
### Take-off Method 2:



1. Operating the right and left control lever to start calibration.
2. Short press one key take-off/landing button.

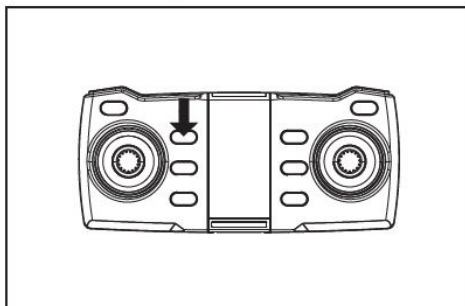
The quadcopter will take off.

## Landing Method 1:



1. Push the lever down slowly until the quadcopter lands. Keep the lever at the lowest position, the motor stops and the quadcopter lands successfully.

## Landing Method 2:

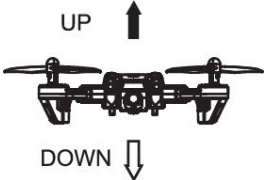
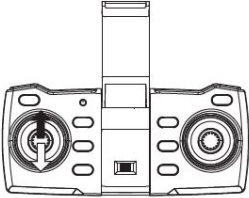
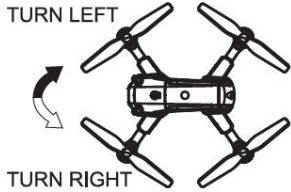
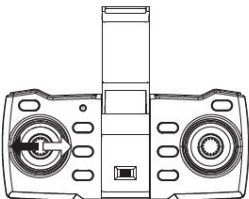
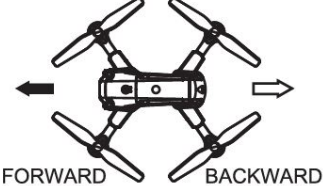
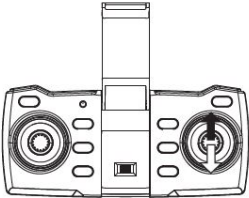

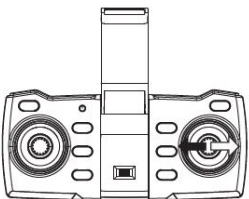


1. Short press one key take-off/landing button.

The quadcopter will be landing.

## OPERATING DIRECTION



 <p>UP DOWN</p>	<p>Push the lever up or down. The quadcopter flies upward or downward.</p> 
 <p>TURN LEFT TURN RIGHT</p>	<p>Push the lever left or right. The quadcopter turns left or right.</p> 
 <p>FORWARD BACKWARD</p>	<p>Push the lever up or down. The quadcopter flies forward or backward.</p> 
 <p>SIDEWARD FLY</p>	<p>Push the lever left or right. The quadcopter flies left or right side.</p> 

### IMPORTANT NOTICE

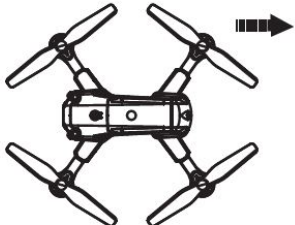
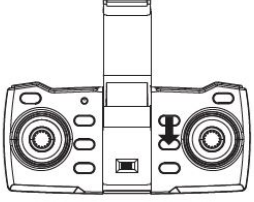
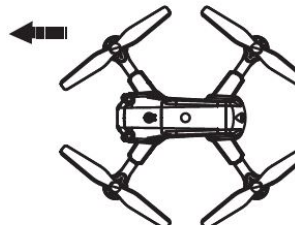
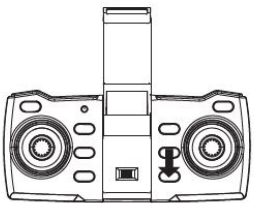
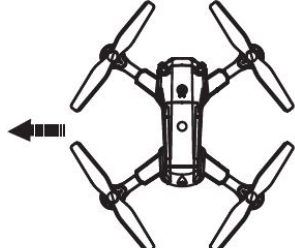
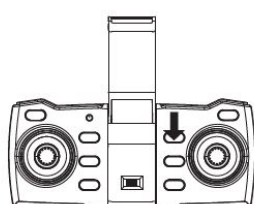
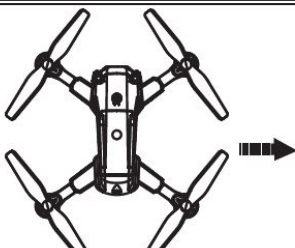
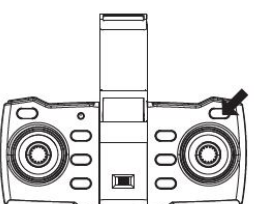
If the quadcopter begins to drift or turns while having no input from the controller, this issue can be rectified by fine turning the flight trim.

Please follow the pictorial below for fine tuning.

When the quadcopter is relatively close to the ground, the flight stability may be affected by the buffeting of wind from the rotating blades.

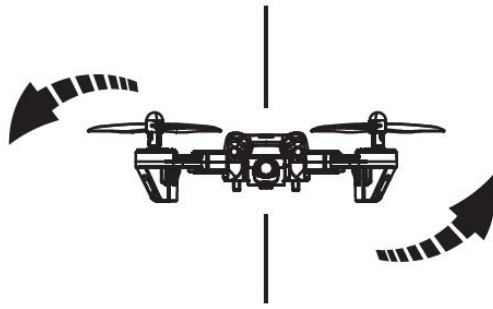
This effect will be stronger as the quadcopter gets closer to the ground.



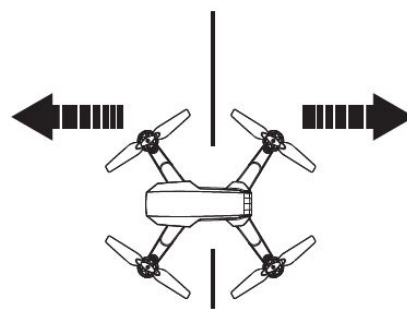
 <p>When the quadcopter keeps flying backward, you can correct it by pressing the fine-tuning button up.</p>	
 <p>When the quadcopter keeps flying forward, you can correct it by pressing the fine-tuning button down.</p>	
 <p>When the quadcopter keeps flying left side, you can correct it by pressing the fine-tuning button right.</p>	
 <p>When the quadcopter keeps flying right side, you can correct it by pressing the fine-tuning button left.</p>	

## FLYING TRAININGS

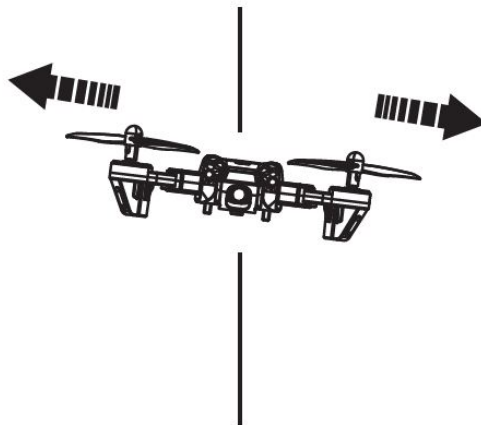
Try some training and get familiar with drone with some basic learning.



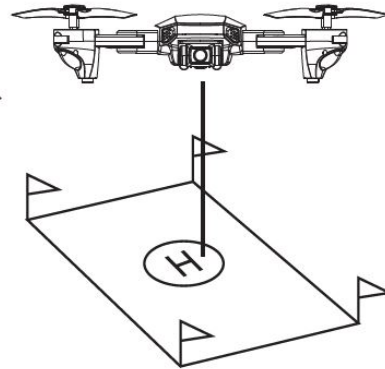
Precision rotation



Forward & backward



Sideward flying



Precision landing

## PROBLEMS & SOLUTIONS

Issue	Possible Cause	Solution
Remote Control does not turn ON	Switch in off position	Turn on the remote control
	Batteries installed in wrong direction	Check and correct the battery positions
	Battery has no power	Replace the battery
Quadcopter does not turn ON	Power is off	Turn on the drone
	Battery not connected	Checking and safely connect the battery
	Inclement weather	Operate only in clear, sunny weather
Quadcopter does not take off	Motor speed is too slow	Push up on left lever to accelerate
	Low battery power	Fully charge the battery before use
Loss of control	Initial drone and controller calibration is insufficient	Turn off the drone, reconnect to controller, and recalibrate the connection
	Out of the controller distance 330 feet / 100 m	Please operate within the intended controller distance
Aggressive landing	Descent speed too high	Pull the control lever down in a slow steady manner to maintain a slow rate of descent

## FLIGHT PREPARATION

Please inspect the following checklist before flying.

1. Ensure that the drone and remote control are both fully charged.
2. Ensure that all Propellers are not damaged and installed properly.
3. Ensure that there is no debris that may hinder propellers' spin.
4. Ensure that the connection between the drone and remote control/smart device. is strong and clear.
5. Ensure that the drone's arms are fully open.
6. Ensure that the environment is suitable for flying.

**Notes:**Please check drone' arms are fully open.

## SAFETY INSTRUCTIONS

1. Please keep the parts of drone out of the reach of children.
2. This drone is very powerful. When using it for the first time, you should push the left control lever slowly to prevent the drone from rising too fast and causing unnecessary collisions and injuries.
3. When a flight is ended, please turn off the power switch of remote control first and turn off the power switch of the drone then.
4. Do not place the drone battery in high-temperature condition or near flammable or explosive materials.
5. Please keep the drone at a distance of 4.5 meters / 15 feet from humans and animals to ensure safety and

prevent injury.

6. This drone is suitable for people aged 14 and over, and it should be within the sight of the operator's (coach) to ensure safe flight.
7. Do not charge the battery of remote control if the battery is a non-rechargeable battery. The drone must be used with the original batteries.
8. If the drone will not be used for a long time, please take the batteries out of the remote control unit.
9. Do not cause a short circuit during the charging.
10. If you do not use the drone for more than 10 days, please discharge the battery of drone to 40-50% (light for a certain time). In this way, the life of battery will be extended greatly.
11. Please keep a safe distance from the rotating propeller to prevent injury.
12. All operators should follow their local regulations pertaining to radio control and drone flights Please contact your local authorities for the full details on your local laws and regulations
13. Please assemble the drone under the supervision of an adult.
14. Operators are responsible for their safe flight and safe distance. Do not hover and fly over the crowd (more than 12 people).

#### USE WITH SMART DEVICE (NOT INCLUDED)

##### 1. TO INSTALL THE APP IN YOUR SMART DEVICE

Scan the corresponding QR code to download and install the APP (LFun\_Pro).



IOS / Android



LFun\_Pro

SHENZHEN TZH ELECTRONICS CO., LTD

##### 2. CONNECT THE DRONE AND SMART DEVICE USING WIFI

Turn the drone on. While red flashing light is on, turn on the WIFI function in your smart device and select the name "WIFI LSH XXX" in the list to make the connection.

After connected, open the "LFun\_Pro" app. Press "START" in program. The indicator light on the drone will turn steady after SUCCESS. The smart device screen will start streaming video with the drone.



Please turn off the drone and WIFI function on your smart device.

Make sure the app on your smart device is closed completely.

Redo the above step if connection is not success.

Control distance and the live streaming video will depend on the WIFI quality of your smart device.

### 3. MAIN INTERFACE INSTRUCTIONS



#### 1. START

- To enter the flight interface

#### 2. (HELP)

- Quick start guide and list of icon function

### 4. INTERFACE OPERATION INSTRUCTIONS



#### 1. Return

Return to main interface

#### 2. Take Photo

Press to take photo

#### 3. Record Video

Press to start video recording, press again to stop

#### 4. Media

Enter the photo or video library.

Press return icon to exit.

#### 5. Speed Level

To switch the speed of the drone between 300/0 / 600/0 / 1000/0

#### 6. Gesture Recognition

Press to turn on gesture to take photo or video record function. Press again to turn off.



TAKE PHOTO



Correct gesture  
Distance about 3.2 feet

VIDEO RECORD



Correct gesture  
Distance about 1.6 ~ 1.9 feet

7. Gravity Control

To control the drone forward /backward /left side flight / right side flight by controlling the gravity of the smart device.

**Note:** it may not work with some old version or without gravity sensor smart devices.

8. Switch

Turn off / on the screen left and right joystick.

9. Speech Recognition

Voice recognition: take off / landing /forward /backward/left/right.

10. Dual Camera Switch

11. VR Mode

Provide VR screen for your 3D virtual reality headset (not included).

12. Camera Flip

Flip the camera screen upside down on the smart device.

13. Gyro Calibrate

Calibration of the drone.

14. 3600 Roll

Press 3600 roll and drag left joystick to left or right to 3600 flip and roll.

15. Marking Flight

Draw a path on the smart device screen. The drone will follow the path to flight.

16. Headless

Turn on / off headless mode.

17. Take Off

One key take-off.

18. Emergency Stop

Press for the emergency stop.

19. Landing

One key landing.



- 20. Throttle  
Ascent or descent of the drone.
- 21. Left / Right Roll
- 22. Turn left or right of the drone.
- 23. Forward / Backward
- 24. Move forward or backward of the drone.
- 25. Left / Right
- 26. Move left or right of the drone.
- 27. Forward / Backward Trim
- 28. Fine-tune forward or backward.
- 29. Left / Right Roll Trim
- 30. Fine-tune left/right roll.
- 31. Left / Right Trim
- 32. Fine-tune left / right.

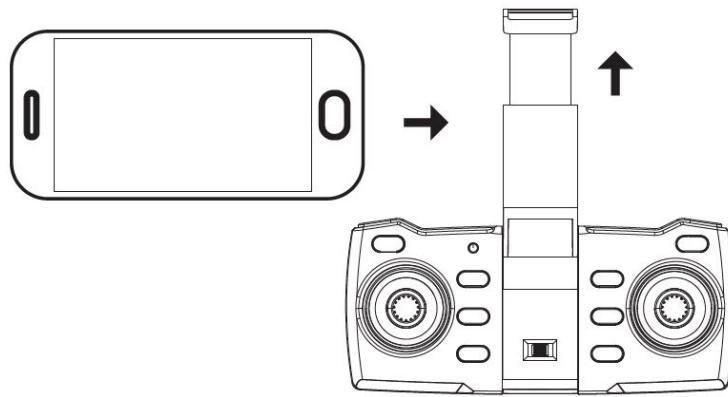
#### USE WITH REMOTE CONTROL AND STREAMING VIDEO ON THE SMART PHONE

1. Turn on the drone and remote control.
2. Pairing the remote control with the drone.
3. Connect the smart device to the drone.
4. Open the app and play.

**Note:** When the drone is connected to the remote control and the smart device, it cannot be flown using the smart device. Only other functions like recording videos and taking photos can be done via the smart device.

#### HOLD THE SMART DEVICE ON THE REMOTE CONTROL





- **Product battery:** 3.7V 1200mah
- **Remote control distance:** 330 feet / 100 m
- **Charging time:** 100 minutes
- **Flying time:** 12 minutes
- **Remote control battery:** 3AA (not included)



### CAUTION

This product is not a toy. This is not intended for use by children.

For your safety, please read the manual carefully and thoroughly before operating this product.

Each country has a legally defined frequency band that can be used for radio control devices.

Since the specifications of this product conform to the regulations of the country where this product is sold, this product cannot be used in any other country.

### Fly Responsibly

The Federal Aviation Administration requires registration of many drones flown in the US, for hobby or commercial purposes.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

### For Remote Control

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

### For Quadcopter

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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### Documents / Resources



[Trend Vision Light Up Rechargeable Quadcopter Drone](#) [pdf] Instruction Manual  
NV-08082-2, 2AUIF-NV-08082-2, 2AUIFNV080822, Light Up, Rechargeable Quadcopter Drone  
, Light Up Rechargeable Quadcopter Drone, Quadcopter Drone, Drone

[Manuals+](#)