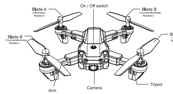
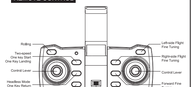
Light-up Rechargeable Quadcopter Drone

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.

QUADCOPTER



REMOTE CONTROL



Low power indication: when the power is lower than 3V, there is the warning tone "Di-Di", it means user needs to charge the new batteries.

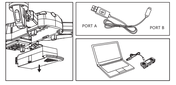
BATTERY INSTALLATION

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 dock the battery out from the quadcopter.
Connect the USB cable to the quadcopter and the other to a computer.
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.

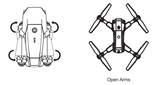
Outdoor flying: Only fly during clear, sunny or windless days

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.



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.

3. Referring to Figure 4, distinguish between type A and type B propellers, and press the propeller opener to the motor shaft with the same letter. The letter can be found on the motor, 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.

1. Press the ON/OFF button and hold for 3 seconds to turn on the drone,

2. Open the remote control antenna. The indicator light and hear "Di" sound is successful,

3. Push the left lever up and down, The indicator light is always on,

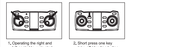
Take-off Method 1:

1. Bring both lever towards each other to start calibration,

2. Push both levers away from each other to unlock the quadcopter,

3. 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,

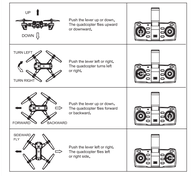
Landing Method 1:

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.

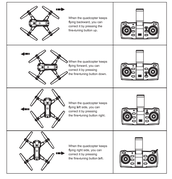
OPERATING DIRECTION



IMPORTANT NOTICE

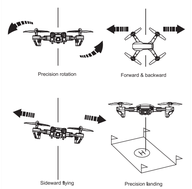
If the quadcopter begins to drift or turns while having no input from the controller, this issue can be rectified by fine turning the flight trim. Please follow the pictorial below for fine tuning.

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.



FLYING TRAININGS

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



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
Quadcopter does not take off	Inclement weather	Operate only in clear, sunny weather
	Motor speed is too slow	Push up on left lever to accelerate
	Low battery power	Fully charge the battery before use
Loss of control	Install drone and controller calibration is insufficient	Turn off the drone, reconnect to the controller and recalibrate the connection
	Out of the controller distance 330 feet / 100 m	Please operate within the intended controller distance
Aggressive Banking	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 direct.
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 throttle slowly. Please keep away 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 fly the drone when the power of 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 battery compartment.
9. Do not leave 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 40-60% (light for a certain time). In this way, the life of battery will be extended greatly.
11. Keep away from the appliance 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 flying requirements.
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