



LiteBee Brix III

User Manual





ATTENTION

- 1、 The product is equipped with the gyroscope, which allows the drone to fly in a small space or outdoor when the wind lighter than a fresh breeze.
- 2、 Adapting the 2.4GHz, the drone can be controlled within a longer distance without interference. By the controller, the drone has the basic function of 4 channels: fly forward/backward, roll left/right, yaw cw/ccw, and flip.
- 3、 For an easier, skillful, safer operation, please read the instruction manual carefully before the flight, and it's better to keep the manual.



SAFETY GUIDELINES

- 1、 To avoid an unexpected accident, please place the small part out of the baby's reach.
- 2、 With powerful motors, it's better to push the throttle lightly on the first flight, avoiding the possible damage caused by rocketing.
- 3、 After the flight, turn off the controller first, then turn off the drone.
- 4、 Do not put the battery in a hot environment(such as fire, electric heater).
- 5、 Keep 2-3 meters away from the drone,to avoid the possible crush on human body.
- 6、 For safety, there must is an adult presented when the drone flown by a child.
- 7、 Do not charge the non-rechargeable batteries. Pay attention to installing and replacing the battery, and don't use the old and new batteries at the same time, or use the battery of a different type.
- 8、 Pleas turn off the controller and drone, meanwhile, take the battery out when they are not in use.
- 9、 To avoid any short circuit of the devices.
- 10、 Do not look straight at the light ray.



CONTENTS

Specification ----- 01

Packing List ----- 02

About the Controller ----- 03

Before the Flight ----- 05

Guide for Drone ----- 07

Motor Installing ----- 08

Functions ----- 19

Battery Charging ----- 24

FAQ ----- 24

Cautions ----- 26

Disclaimer ----- 29



SPECIFICATION

Wheelbase: 117mm

Propeller: 58mm

Motor: 8620 brushed(44000rpm)

Battery: 3.7V 850mAh 50c

Charger: One-way 4.2V/4.35V

Weight: 72-88g

Flight Time: 7mins

Max Control Distance: 50m



PACKING LIST



X1



X4



X4



X1



X2



X2



X2



X2



X1



X1



X1



X4



X6



X4



X4



X4



X2



X10



X25



X10



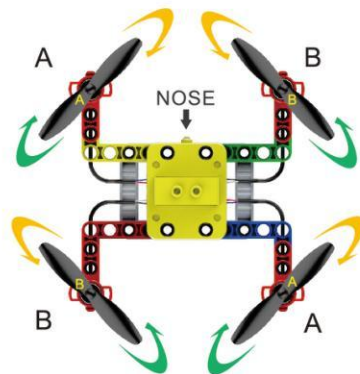
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ABOUT THE CONTROLLER

About the function keys



■ Instructions for the Controller



Charging:

First, take the battery out from drones. Then connect the battery to USB power with the charge wire. Light is red when charging; light off when fully charged. Charging time: 60 mins. (Attention: Adapter for charging must be less than 1A current.)





STEPS FOR TAKE-OFF

① Binding

★ First, install a battery into the drone, and the indicator will light on. Then turn on the controller, the LED will light on.

Push the left joystick up to the end until the controller makes a sound “Beep”; then pull the left joystick down to the end until the controller makes a sound “Beep” again. It means a successful binding if the LED on and stop flash, meanwhile, the LED of the controller is on.

Please keep the drone in level



② Calibration

Please keep the drone in level



★ Long press the button on the right top of the controller(as the picture shows) until the front LED of the drone stop flashing.

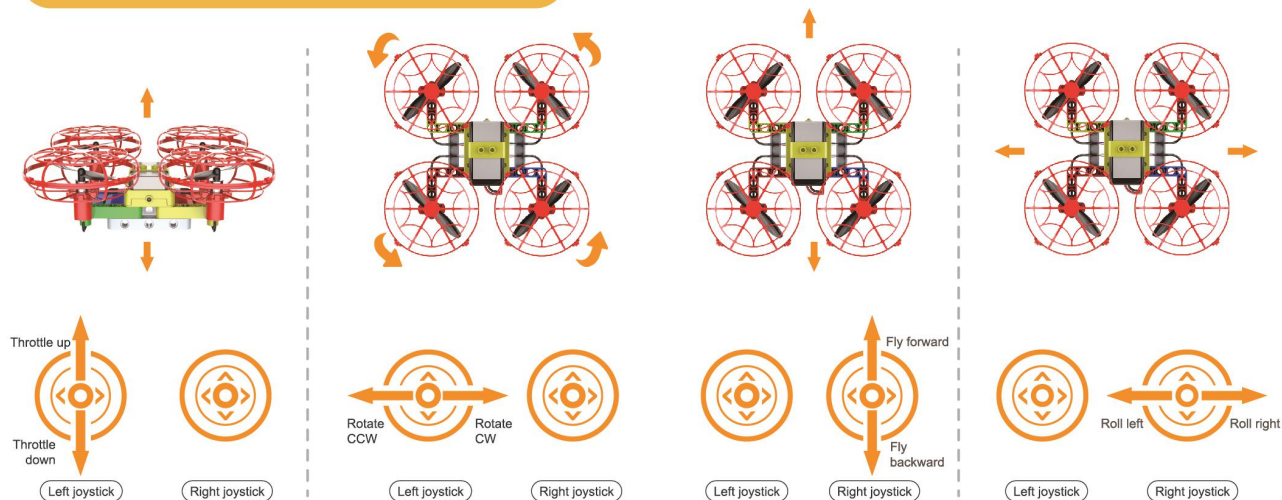
③ Unlock

Please keep the drone in level



★ After binding, place the drone in level, then push the throttle up to its end. The drone is unlocked when the motors start to rotate.

HOW TO FLY THE DRONE



Ps: Here we take mode 2 as an example. Please operate the drone as needed.

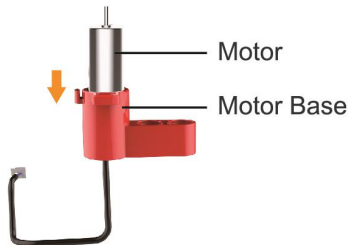
HOW TO INSTALL THE MOTOR



★ A: CW motor with blue&red wire

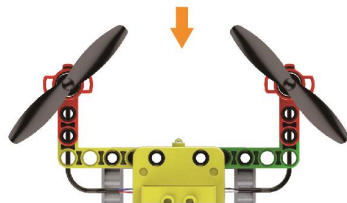


★ B: CCW motor with black&white wire



★ With the button battery, the motor can be installed and replaced easily.

Install the propeller guard

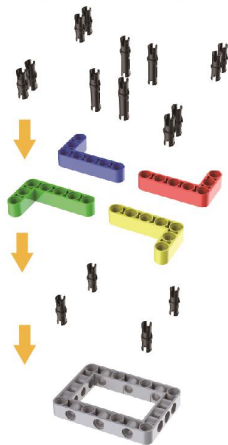
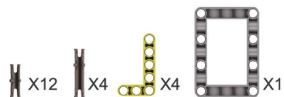


★ There are 4 propeller guards in total, and they can be installed without any screw.

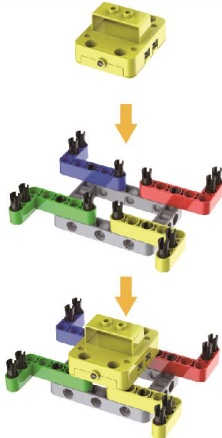


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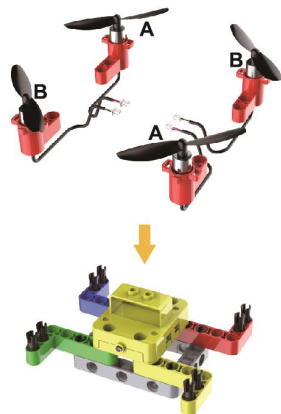
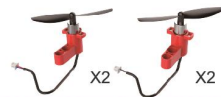
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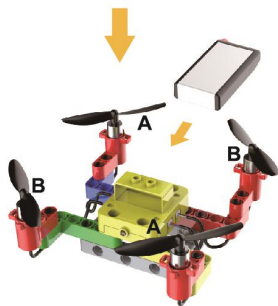
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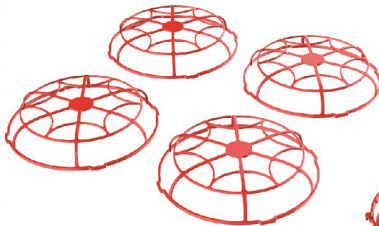
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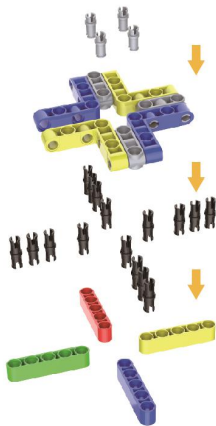


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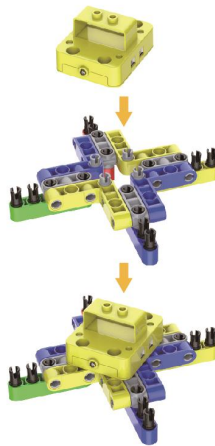
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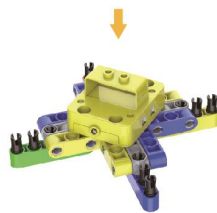
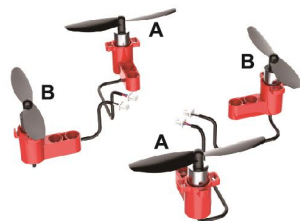
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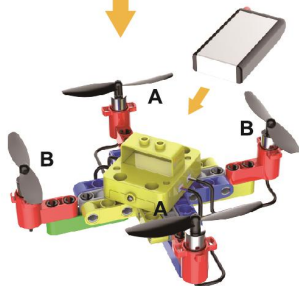
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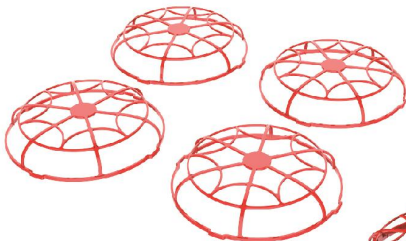
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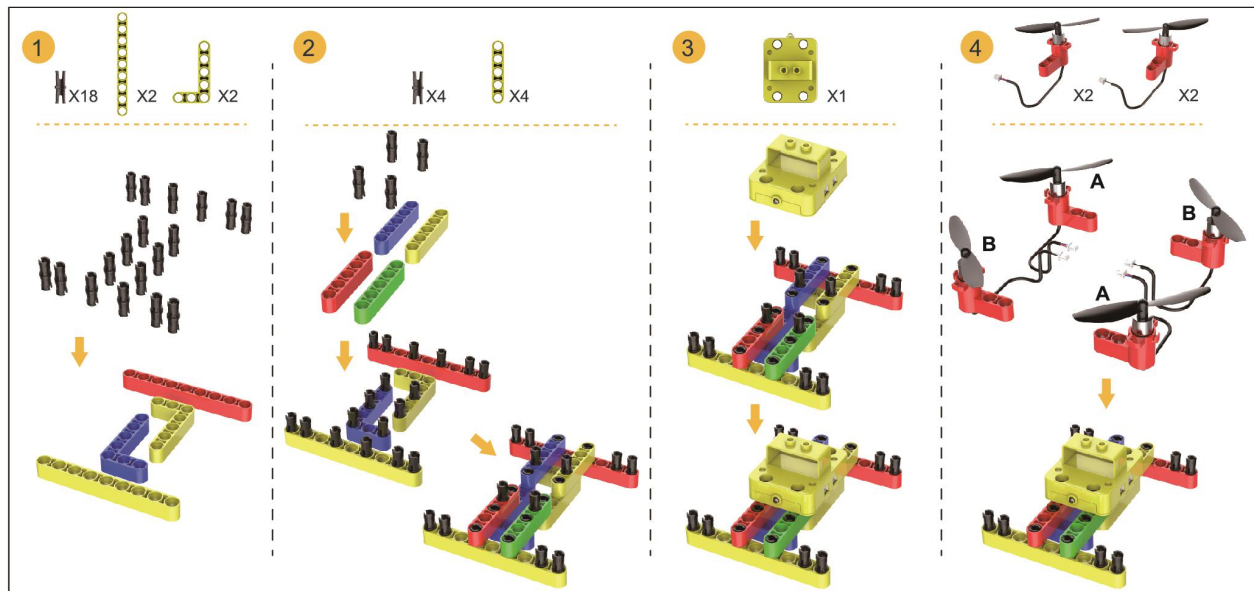


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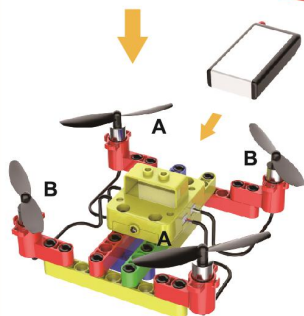
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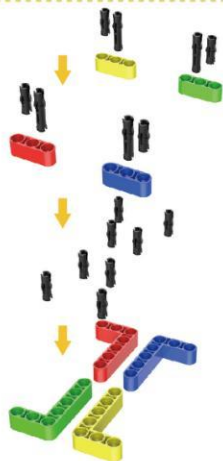
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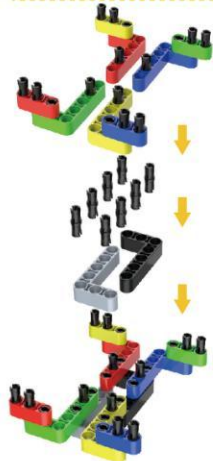
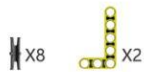


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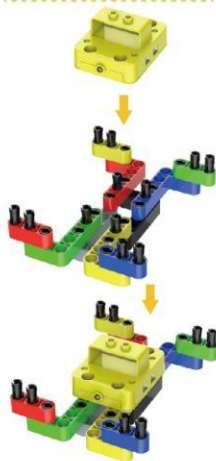
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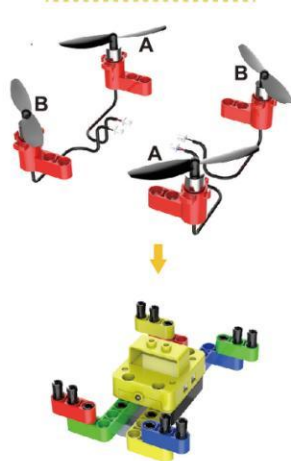
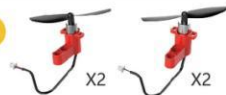
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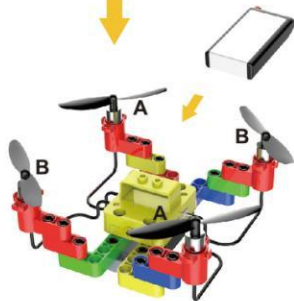
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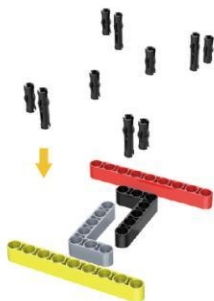
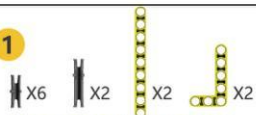
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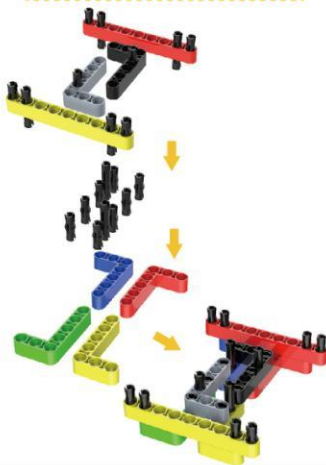


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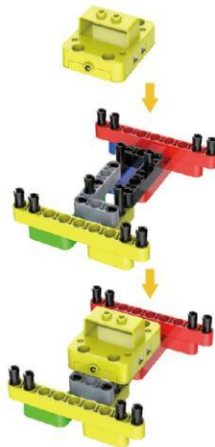
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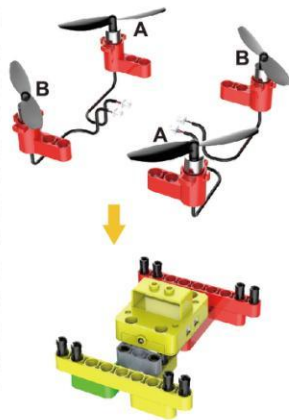
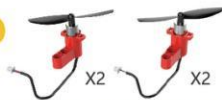
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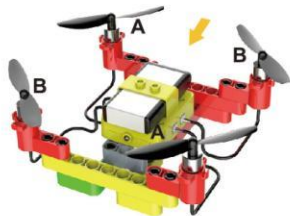
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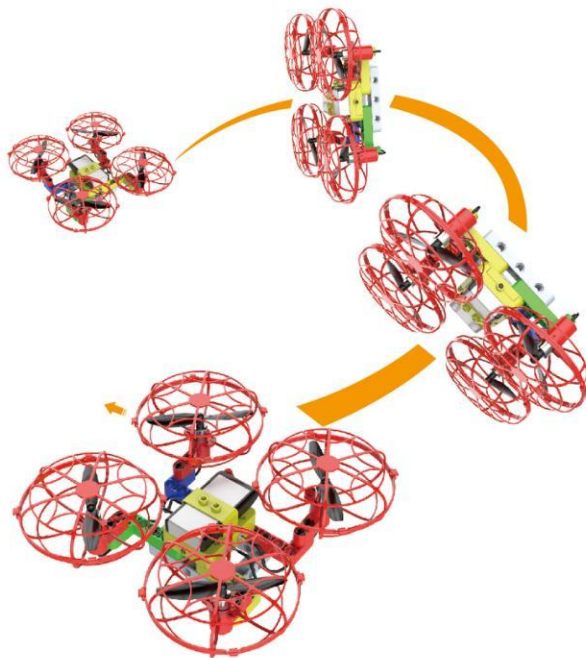


FUNCTIONS

■ One key to flip

Please keep away from the drone when it, avoiding the dangers.

Short press the button of flip(as the picture show) when the drone hovers in the air. Push/pull the right joystick in any direction after the drone makes a sound of "beep", and the drone will flip.



■ Throw & Go

After binding, hold the drone in level and then throw it up vertically about 20-30cm, it will take off automatically. In this way, we enable the drone to fly without the limit of plate ground.

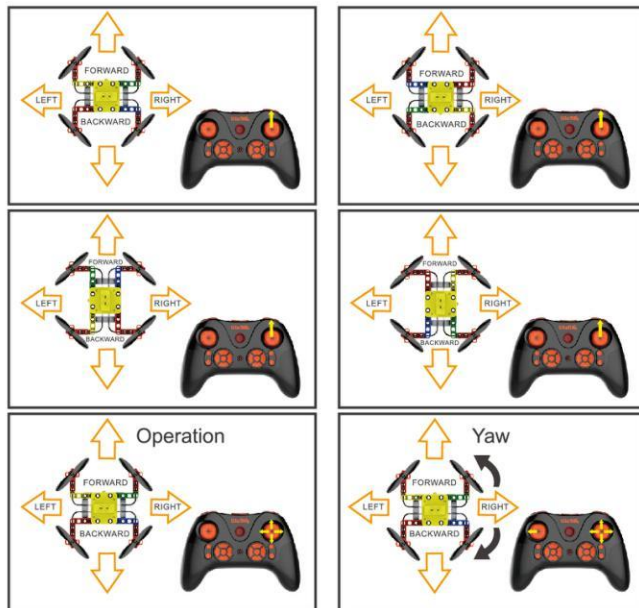
Attention: Make sure that the drone has bound with the controller(the front LED of the drone is on, not flash), and throw it up vertically, within a space at least 2m high above the start point of throwing. Do not throw it at creatures or barriers horizontally.



Headless mode

Setting: By default, the headless mode is off. The nose of the drone is always the forward. Press the button (as the picture shows) for switching to headless mode (you can hear a sound "Beep"). The drone will take the default direction as the original direction. For example, if the drone faces forward to East at the moment for switching to headless mode, the drone will always take East as its forward on the headless mode, no matter which direction the nose towards.

Turn off: Press the same button (when hear a sound "Beep") again to turn off the headless mode.



3 level speeds(slow, normal, fast)

By default, the drone fly at slow speed; Short press the button on the left top of the drone(as the picture show), when the controller sounds once, the drone flies at the slow speed.

Press the button again, when the controller sounds twice, the drone flies at the normal speed.

Continue to press the button, when the controller sounds 3 times, the drone flies at the fast speed.

Attention: It's advised that fly the drone at the slow speed if you are new to the drone.

Three-level speeds

(Beep once for the slow speed
Beep twice for the normal speed
Beep 3 times for the fast speed)



Illustration

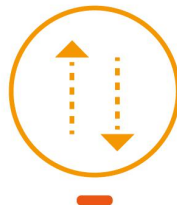
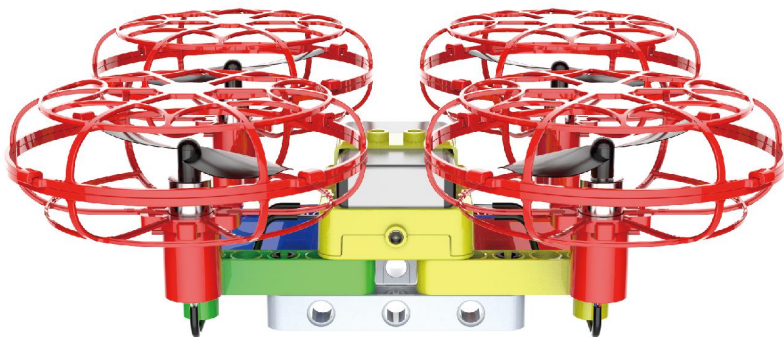




Altitude Hold

The drone applied a barometer as the ancillary device for altitude holding. It is easier for beginners to fly it.

Attention: The barometer will be affected by the air pressure, so do not fly the drone in an environment with unstable airflow.



BATTERY CHARGING

Common fault and Cautions

If the front LED light of the drone flash, that means its battery is low. The same as the controller, when the light on the controller is flash, that means a low battery of the controller. Please stop the flight immediately and replace the corresponding battery.

Battery charging

First, take the battery out from drones. Then connect the battery to USB power with the charge wire. There is an indicator light on the wire, light on when charging; light off when fully charged.

THE COMMON FAULTS

Common fault	Solution
Fail to take off after assemble	1、 Check whether the motors are installed correctly 2、 Check the volume of the battery
The drone flies in a wrong way	1、 Check the installation of flight control 2、 Calibrate the drone
Can't bind after changing the battery	Turn off the controller and bind again
The flip is failed	1、 Operate the joystick after hearing the sound "Beep" from the controller 2、 Low voltage of the battery
The indicator light of the controller flash all the time and the buzzer ring	Battery low, please replace the battery

Attention:

There will be a recoil airflow impact on the drone when the drone flies too much close to the ground. For a better experience, it's advised that fly the drone above the ground at least 30 cm.



■ Cautions

To avoid any possible injury, please keep away from the drone when flying the drone.

The low battery of the controller or drone will lead to a low flight height or fail to take off.

Please fix it if the drone is broken or distorted; do not fly the drone if it is broken badly.

Please take the battery out if don't use it for a long time, to avoid the damage caused by the battery leakage.

To maintain the drone for long service life, Do not let the drone fall from high altitude or crush it.

■ Attention

Push the throttle joystick slowly, we can apply the trimming button to adjust its movement when the drone is in the air.

Adapter for charging must be less than 1A current,Otherwise the battery will be damaged like battery bulges, burns and explodes.

PRECAUTIONS

■ About lithium battery

There are some possible dangers when using the lithium battery. If any injury or loss is caused by using the battery, the manufacturer and distributor held no responsibility for it.

Please avoid the leakage contacting with skin or eyes when the leak occurred. If the leakage touch the skin or eyes accidentally, please wash the skin and eyes with water immediately; or seek medical care.

Please cut off the power if there is any smell, noise or smoke during the charging.

Please follow the instruction for using the lithium battery, otherwise, it may cause fire, electric shock, or explosion.



■ Use and Store

Keep the battery away from children, do not pack the broken or smelly battery with plastic.

Do not install or pull out the battery when the device is working.

Do not strike the battery badly, do not put it close to a heat source.

Do not put the battery in fire or liquid, do not keep the battery in humid condition.

Do not put the battery in microwave or pressure tank.

Do not disassemble, drill, reshape or cut the battery, do not load the weight with the charger.

Do not wash the battery with industrial alcohol, or other flammable liquid.

Avoid any short circuit, it may cause some harmful materials

■ Charger

Please charge the battery with the original charger, do not charge the swollen, leaky or broken battery.

Do not overcharge or over-discharge the battery, do not charge the battery immediately after use.

Please cut off the power when the battery is fully charged, do not charge the battery repeatedly after charging to avoid the overheating.

Do not charge the battery on the surface of flammable materials such as carpet, board, and wood furniture.

Please charge the battery under the environment with a temperature between 15-30 degrees Celsius.

Adapter for charging must be less than 1A current, Otherwise the battery will be damaged like battery bulges, burns and explodes.

■ Recycling

Do not throw the battery along with the normal waste, put it in the special recycle bins.



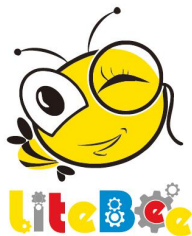
DISCLAIMER

This product is a multi-rotor aircraft. We recommend it for children over 8 years old. Children under the age of 8 are required to be accompanied by adults. Please be careful when handling this product in the presence of children.

Please read this document carefully before using this product. This statement has important guidance for your safe usage of this product and your legal rights. This product provides an easy flight experience when the power supply is working properly and the components are not damaged. Be sure to know Your legal rights, responsibilities, and safety instructions before using this product, and also clear that use this product may bring property damage, safety accidents, and personal safety hazards. By using this product, you are deemed to have read, recognized, and accepted all terms and conditions of this statement. The user is committed to being responsible for his non-compliant operations and the consequences thereof; the user undertakes to use the product solely for legitimate purposes and agrees to these terms and any relevant policies or guidelines that may be developed by us. We are not liable for any direct or indirect personal injury or property damage caused by failure to use this product following the safety guidelines.

**Warm:**

Not suitable for children under 3 years old, Small parts contained, Beware of swallowing by children.



MANUFACTURER: SHENZHEN MAKERFIRE TECHNOLOGY CO., LTD.

OFFICIAL WEBSITE: www.litebee.com

TEL: +86755 89734637 - 8019

E-MAIL: service@makerfire.com

ADDRESS: 25th Floor, A7 Building, Creative City, Liuxian Ave, Xili Street,
Nanshan District, Shenzhen, China.

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