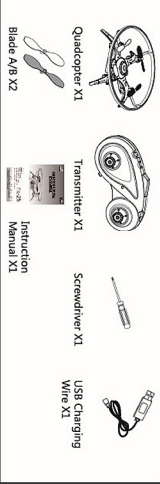


1. PRODUCT CONFIGURATION



2. TRANSMITTER

2.1 Introduction of Transmitter

One key start (Normal mode)
One key return (Emergency mode)

Signal Indicator

Trimming switch

Forward/backward fly
Press down = Direction for 360° flip

Power Switch/
Fast/Slow speed

2.2 Install Batteries



3. CHARGING OF THE QUADCOPTER

① Turn off the quadcopter (Pull the power switch point to "OFF").

② Insert the USB plug into the USB port of computer or other adaptor with USB port. The USB cable's indicator lights off.

③ Connect quadcopter's battery to USB cable's other end, indicator lights on when the battery is charging and lights off when battery was fully charged.

④ Charging time is about 45-60 minutes, flight time is more than 5 minutes.

★ Please keep the battery with 50% power for extending the operating life of the battery. If do not use the product for a long time, half of the battery fully charge time could keep the battery with 50% power.

4. START/OFF STEPS

4.1 Start Steps

① Turn on the quadcopter (the white indicator under protection frame light on, other four LED indicators will flash), put quadcopter on a flat place.

② Turn on controller (controller with beeps and wait the red LED indicator change from flashing to keep light on).

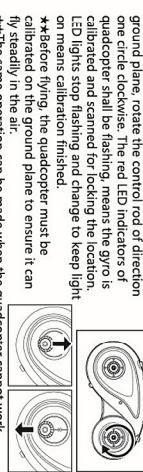
③ Push the left rod completely forward and the controller will a beep, then pull it back completely and controller will keep light on. Now quadcopter and controller are paired.

④ Upon pairing, rotate the control rod of direction one circle clockwise. The red LED indicators of quadcopter shall be flashing, means the gyro is calibrated and scanning for locking the location. LED lights stop flashing and change to keep light on means calibration finished.

★ Before flying, the quadcopter must be calibrated on the ground plane to ensure it can fly steadily in the air.

★ The same operation can be made when the quadcopter cannot work properly from impact.

⑤ Push the left joystick to start quadcopter.



5. OPERATING AND CONTROL

5.1 Trimming

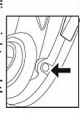
Press down the key at top right corner with a beep into the fine-tuning mode.

★ If the quadcopter skews forward, it shall be adjusted by pulling backward the right rod on the transmitter, the quadcopter's forward LED indicators are flashing.

★ If the quadcopter skews backward, it shall be adjusted by pushing forward the right rod on the transmitter, the quadcopter's forward LED indicators are flashing.

★ If the quadcopter skews upward, it shall be adjusted by pulling rightward the right rod on the transmitter, the quadcopter's right two LED indicators are flashing.

★ If the quadcopter skews downward, it shall be adjusted by pulling leftward the right rod on the transmitter, the quadcopter's left two LED indicators are flashing.



★ After tuning, press down the button at the top right corner on the controller, with a beep, to quit tuning mode. Or do not move the right rod for three seconds to quit tuning mode automatically.

5.2 Reset Step

When the quadcopter flies detected from crash, and could not fly, reset by all calibration, please reset it as below.

① Push the button at controller's top right corner, controller with a beep.

② Then turn the right rod a round clockwise. Quadcopter's four red LED indicators change from flashing to light on, means gyro calibration and controller reset are finished. Now the quadcopter also finish reset.

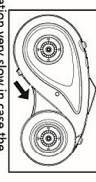


5.3 Speed Switch

Player could choose the fly speed as needs, pull the button as picture shows to "S" or "F".

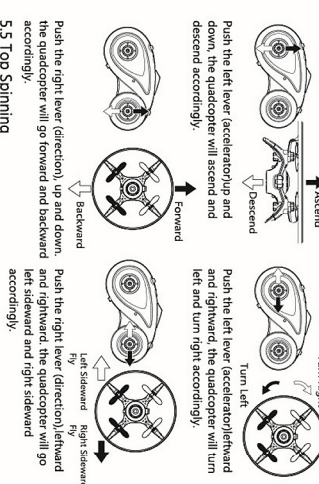
① Pull to "S" means low speed, quadcopter fly as 50% speed.

② Pull to "F" means fast speed, quadcopter fly as 100% speed.



5.4 Basic Motion Operations

For the beginners, it is better to move the acceleration very slow in case the drone out of control and cause damage.



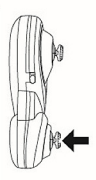
5.5 Top Spinning

During flying time, press the button in upper left corner, controller with a beep, quadcopter start high-speed top spinning then spin as tornado. It's better to adjust the height during spinning.

★ After tuning, press down the button at the top right corner on the controller, with a beep, to quit tuning mode. Or do not move the right rod for three seconds to quit tuning mode automatically.

6. FLIPS

When press the same button again, after a beep, quadcopter stop high-speed top spinning. Then press one time, quadcopter do high-speed top spinning one time.



Press down the right lever, with a beep, into flip mode. Then keep press it down and pull to forward, backward, leftward or rightward to flip the quadcopter to the same direction.

6.1 Leftward flip

Press down the right lever, with a beep, push the lever leftward, the quadcopter will flip one circle leftward.

6.2 Rightward flip

Press down the right lever, with a beep, push the lever rightward, the quadcopter will flip one circle rightward.

6.3 Forward flip

Press down the right lever, with a beep, push the lever forward, the quadcopter will flip one circle forward.

6.4 Backward flip

Press down the right lever, with a beep, pull the lever backward, the quadcopter will flip one circle backward.

Problem	Reason	Solution
The quadcopter did not respond	1. Signal matching failed. 2. Quadcopter or transmitter low voltage.	1. Rematching again. 2. Recharge or replace batteries. 3. Recharge to quadcopter.
Failed flips	1. Improper operation 2. Quadcopter LED flashes	1. Check the instruction manual again 2. The battery of quadcopter is power off. Charging again.
Unable to take off	1. The blade is assembled 2. Blade impact deformation 3. Quadcopter LED flashes	1. Check the instruction manual of 2. Reinstalling blades or replace blades 3. Recharge to quadcopter

11. TROUBLE SHOOTING

10. SAFETY PRECAUTIONS

① Stay away from obstacles. This product is workable indoors. Selecting barrier-free environment to avoid damage due to impact person or things.

② Do not use the product in rain or snow. The interior of an aircraft is made up of a number of sophisticated electronic components, so it must be protected from moisture or moisture as well as high temperatures storms. Drying and so on.

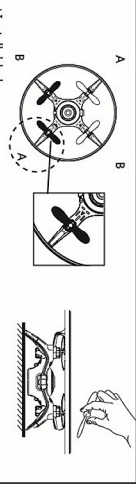
③ Lithium battery safety

It is strictly prohibited to use the lithium battery outside the factory to fly, the internal configuration of the lithium battery used by different manufacturers is very different, so as not to cause damage to the aircraft electronic components and personal safety and other dangerous.

It is strictly prohibited to use the original battery charger for charging, so as to avoid short circuit, expansion, deformation, or even fire, explosion and other dangerous. Explosion and other dangerous.

★ Install blades:

Hold the blade to aim at the motor axis and press down to lock. Be careful not to damage or deform the blades.



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.

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

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