

Important statement

- 1.This drone is only suitable for children over 14 years old.For beginners, it is recommended to practice under the guidance of experienced one.
- 2.The Drone's blades revolve at high speeds and can cause damage to the users ,spectators and animals.Stay away from the drone to reduce the risk of getting hurt.
- 3.Factory is not responsible for any accidents during flight .
- 4.Any questions for operating,repairing ,please contact local after-sale service.

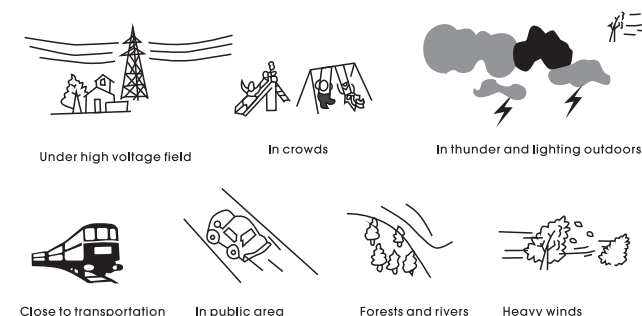
Cautions:

- 1.Checking the surroundings before flying.
- 2.Do not let the drone fly out of your sight.
- 3.Parental supervision recommended when flying the Drone.
- 4.Please make sure no other player is using the same frequency as yours.

Warning

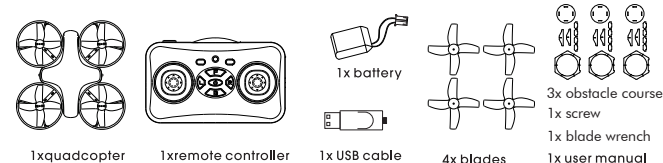
- *Please check the charger,wire,plug,shell and parts regularly. Once damaged ,please replace before flying.
- *Please always use the original charger provided by factory.
- *Please always turn off the controller and unplug drone power while clean the product.
- *Parental guidance is recommended when installing or replacing the batteries.
- *Batteries or battery packs must be recycled or disposed properly.
- *Turn off the controller and unplug drone power when not in use.
- *Please do not hit or drop the drone and controller .
- *Please keep and read this instruction manual carefully.

Don't fly the drone in below conditions

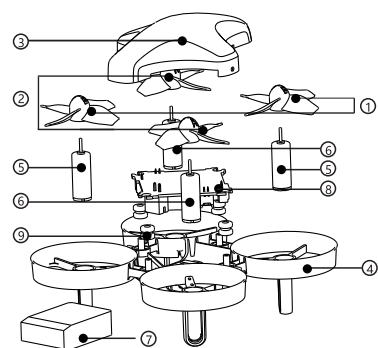


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Standard components



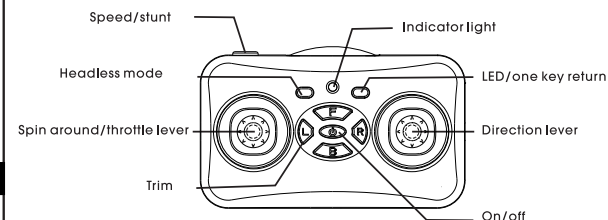
Name of components



No	Name	Quantity
1	Reverse blades	2
2	Positive blades	2
3	Upper shell	1
4	Bottom shell	1
5	Reverse rotor	2
6	Positive rotor	2
7	Li-ion battery	1
8	Receiver board	1
9	Damper	4

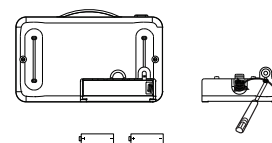
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Controller instruction

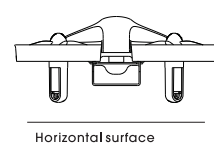


Battery installation

*Open the battery door with a screwdriver,Install new batteries as shown in the polarity diagram(+/-) inside the battery compartment. Tighten the battery door.
Caution:
a. Please make sure the battery is installed correctly .
b. Please remove used batteries ,do not mix the battery with different type.



Calibrating the drone



Horizontal surface



Step one

Turn on the controller and the drone power . Put the drone in a flat surface , once you heard a "beep" sound, pair is completed.
Importance:Please always put your drone in a flat surface.

Step two

After pairing,move the throttle to the right corner,hold this until the drone's LED flash about three seconds, calibration is completed when LED turns solid bright.

WARNING

Please take out the battery when the drone is not in use . Note: It may cause damage to controller if battery is not removed .

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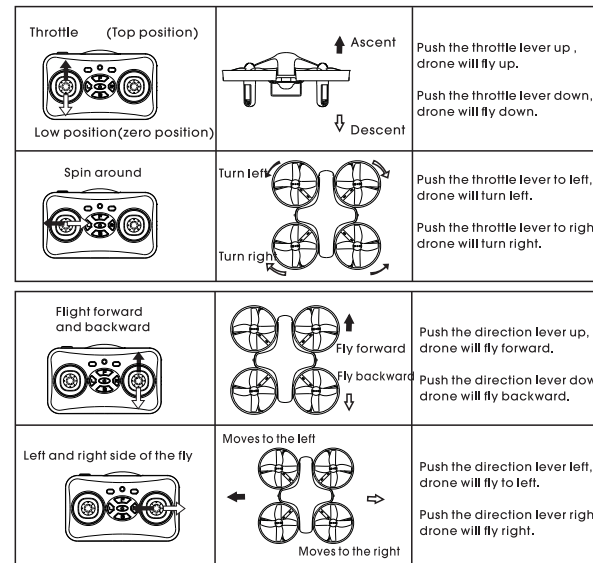
Controller's function

- 1.Turn On/off
(1)Turn on: After installed the batteries, short pree the power button turn on the controller.You will hear beeping sounds and see the power indicator turns on.
(2)Turn off: Long press the power button again will turn off the controller, you will hear two beeping sounds.
2. Unlock: Turn on the remote control switch, and then power the aircraft, the remote control and the aircraft will sync to each other,Then push the throttle to the maximum, and then pull to the minimum unlock.
3. Banking:When flying, push the direction lever to left/right, the drone will bank to left/right.
4. Forward/Backward: After unlocking, when the throttle is not zero, push the direction lever to forward/backward, the drone will fly to forward/backward.
5. Left/Right: after unlocking, when the throttle is not zero, push the direction lever to left/right, the drone will fly to left/right.
6. 3D Rolling: Long press the stunt button (3D rolling button) to enter the 3D rolling mode when the throttle is not zero after unlocking; Long press the stunt button and push the direction lever at same time to rolling (could achieve four direction forward , backward, left , right rolling,360 degrees 3D rolling) , complete the rolling remote control will automatically exit the rolling mode (Means couldn't continue rolling). In rolling mode, the buzzer sounds continuously. After you exit the rollover mode, the sounds will stop.
7. Headless mode Start up and set up: Short press the headless button, and the remote controller will make two short sounds, the quadcopter indicator light will change from solid light to flash in slow, then the headless Activated. Short press the headless button again. (the controller will make a short sound, and the quadcopter indicator light in flash mode will change to solid light),then the headless mode quit. By using Headless, the forward direction has nothing to do with nose direction. The direction will be the same as your remote controller..
8. Trim According to the direction in which the aircraft floats, then adjust the aircraft to a stable level by fine-tuning in the opposite direction.
9. One key return Make the quadcopter right rear to the Manipulator. Long press the LED Button (one key return button) , the drone will fly back to the remote control's location. And short press the the one key return function will be ended. Note: One key return should be operated in headless mode.
10. Led Switch Shortly buttons will change the color of aircraft LED lights, a total of seven colors, red, orange, yellow, green, blue, purple, each color will be changed by pressing the buttons with the cycle of regular change.
11. Calibration (1) If the drone drifts to one side during flight, you can adjust to make the drone be stable. (2) Put the drone on horizontal plane,unlock first, turn on the quadcopter and then turn on the controller , push the throttle to the maximum, and then pull to the minimum to unlock. Pushing the direction and throttle levers to the right corner at the same time, when the drone indicator light flashing, then you can loosen the direction lever to finished calibration. (Note: The drone shall be placed horizontally , and the drone shall not be moved during the calibration.. After the calibration., the drone indicator lights stop flashing.)

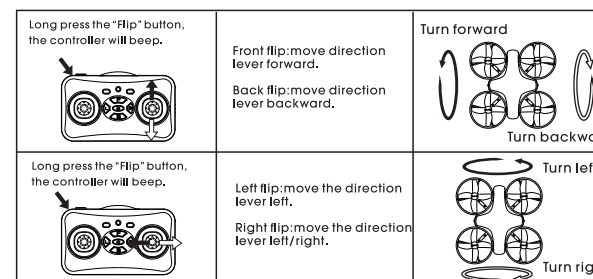
Operations

Please carefully read this manual and practice more . Below are the steps of how to practice.
1. Put the drone in a flat place, make sure the head is face front.
2. Practice the throttle/direction lever more until you know each position and command.

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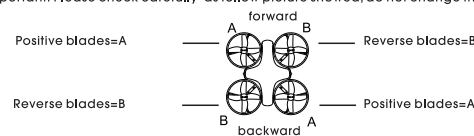
Flip



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Replace blades

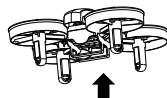
To make the best function, please double check the blades regularly, once damaged please replace with new one.
1. When replacing the blades, make sure the color and direction are matched.(A is for positive blades, B is reverse blades)
2. Important: Please check carefully as follow picture showed, do not change the wrong blades



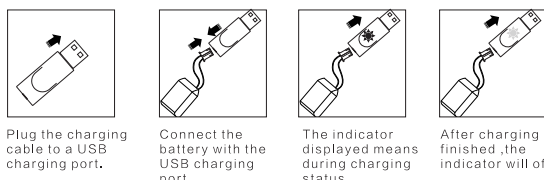
Charging

1. Take off the battery from the drone. Connect the battery with a USB cable . Plug the USB cable into a mobile phone adapter or a computer.
2. The charging indicator will light up, once charging completed ,the indicator will off.

Caution: If you hear beeping sounds while flying, you need to land the drone and recharge your battery.



Battery charging



Caution

LED indicator		Charge specifications		
light off	light on	input	charging current	full voltage
charge completed	charging	5V	420-450mA	4.2V ±0.03V

Cattery and charge specification			
battery type	battery specification	usage duration	charge time
Lithium batteries	3.7V 220 mAh	aircraft flight time	about 30-50mins (charging current approx 0.5A)

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Flight adjustment and notice for beginners

Caution

- Please check if the screws and blades are firmly tightened.
- Please make sure the battery are fully charged.
- Please make sure the blades are correctly installed .

Cautions

- Please make sure there is no obstacle in flying area.
- Please practice how to hover the drone first .
- Please stand 2 meters away from the drone .

1. Throttle lever practice



1. Throttle lever is on the left, slowly put the throttle to the middle . top . button to adjust the height of drone.
2. Hover practice: Keep the drone hovering 2 meters above the ground .
3. Skills: slowly put the throttle lever to take off your drone.

2. Direction control practice



1. Direction lever is on the right , slowly to the direction lever to left/right to control the direction of drone.
2. Side flying practice way is the same as above.

3. Rotation practice

1. Slowly put the throttle lever up.
2. Put the throttle lever to left /right , the drone will turn to left/right .

4. Precision practice

Once you are skilled with above 3 steps ,you can practice the drone in a fixed area to get more precision practice.

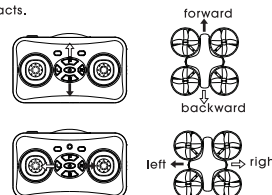


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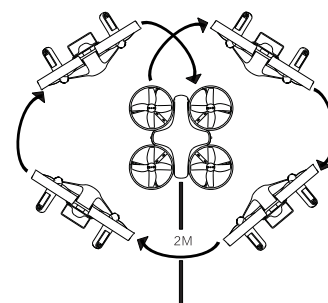
5. Trim

Push the throttle forward and observe how the drone reacts.

1. Forward/Reverse movement trim: if drone tends to move forward, press the back arrow on the control pad; if it tends to move backward, press the forward arrow on the control pad.
2. If the drone tends to move to the right, press the left arrow on the control pad. If the drone tends to move to the left, press the right arrow on the control pad.



6. Flip



Stable, flexible, 3D to roll easily

After you skilled above basic movements, you can play some of the breathtaking tumbling action. First, the aircraft flew more than 2 meters' height; Press the key rollover, then push the stick of forward/backward, or left /right to top then release the aircraft can roll over.

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Troubleshooting

	Troubles	Causes	Solution
1	Drone does not respond	Pairing failed between control and drone	Syncing remote controller and aircraft (refer to P3)
2	Drone does not respond	No battery	Recharge
3	Drones can not take off	1. Blades installed wrong 2. low battery	1. Check and replace the main rotor 2. Recharge
4	Blades moving speed is different after trim	1. blades wrong installed 2. Blades get damaged 3. Calibration failed	1. Blades are not installed well 2. Replace the blades 3. Calibration the drone refer to P3
5	Drone can not fly after drop	1. Blades get loosed 2. Blades get damaged	1. Tighten the blades 2. Replace the blades

Warranty Information

Our product is guaranteed to be free from manufacturing defects for a period of 12 Months. If your product becomes defective during this period, Electus Distribution will repair, replace, or refund where a product is faulty; or not fit for intended purpose. This warranty will not cover modified product; misuse or abuse of the product contrary to user instructions or packaging label; change of mind and normal wear and tear. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure. To claim warranty, please contact the place of purchase. You will need to show receipt or other proof of purchase. Additional information may be required to process your claim. Any expenses relating to the return of your product to the store will normally have to be paid by you. The benefits to the customer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods or services to which this warranty relates.

This warranty is provided by:
Electus Distribution
Address 46 Eastern Creek Drive,
Eastern Creek NSW 2766
Ph. 1300 738 555

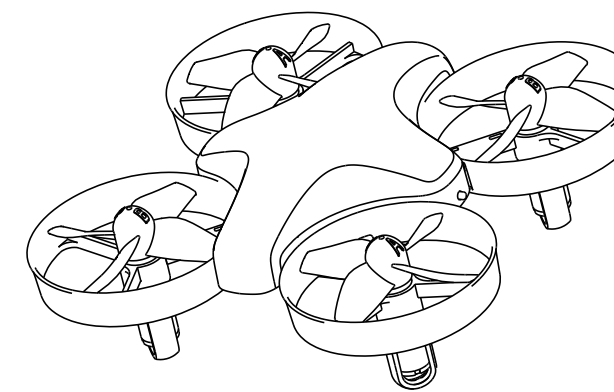
Warning:
Not suitable for children under 14 years old



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R/C Racing Drone with Obstacle Course

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Troubleshooting



GT4123

User Manual