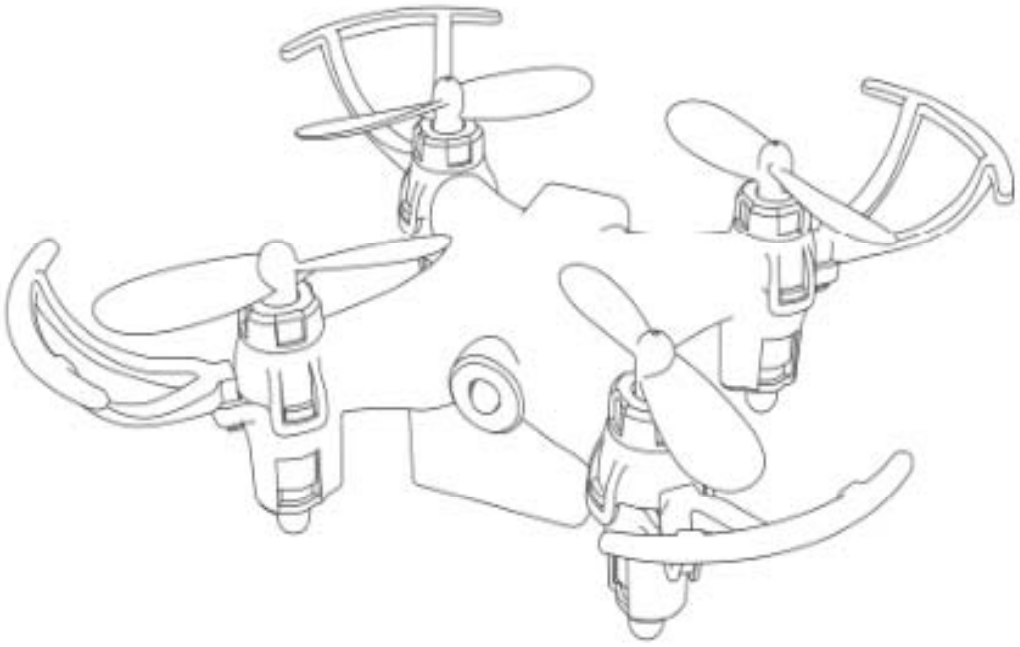
Suitable Age More
Than 14 Years Old



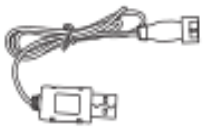
SPECIAL NOTES:

- This product is a high-speed aircraft. Improper use may cause damages to people or property in the vicinity. Therefore, the user must be away from people or property during use. The factory and its dealers and retailers will not be liable for any compensation or legal liability resulting from accidental injury.
- Please read the operating instructions carefully with your children prior to flying.
- Do not touch the running propellers
- Keep hands, hair and loose clothes away from moving parts to avoid injury
- Never allow young children to use this product without adult supervision.

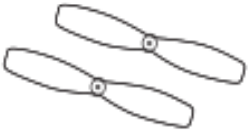
(Manufacturers and dealers disclaim all responsibility for damage caused by misuse.)

1. INSTRUCTION

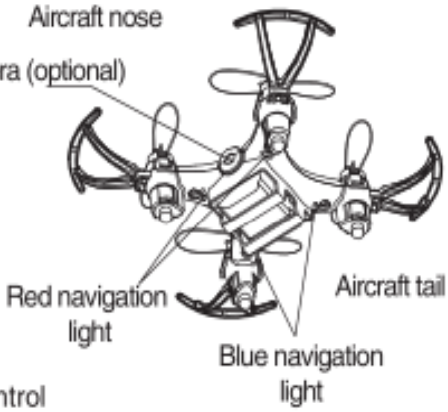
1.1 INSTRUCTION OF AIRCRAFT COMPONENTS AND ACCESSORIES



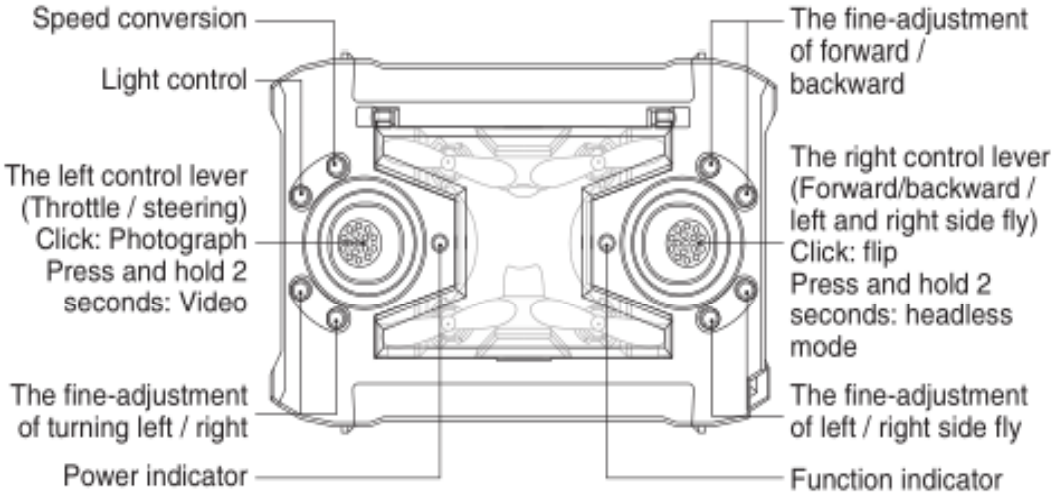
USB charging cable



4 Blades

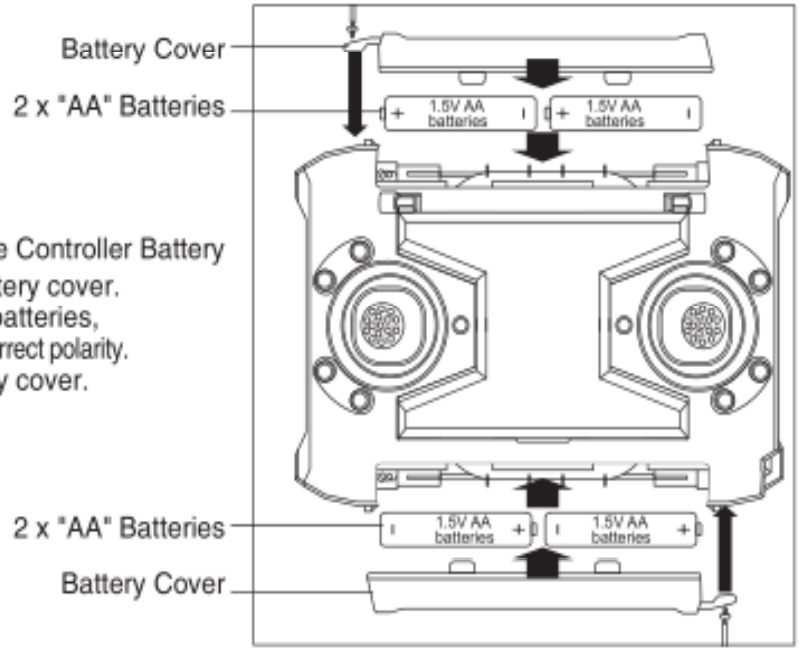


1.2 Instruction Of Functions Of Remote Control



1.3 Install The Remote Controller Battery

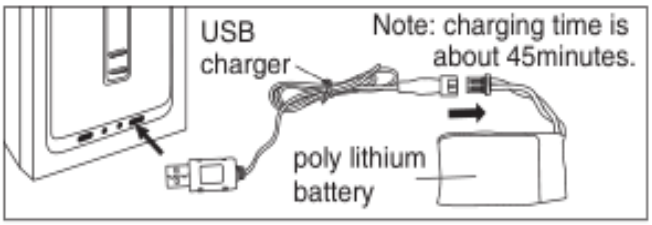
1.3.1 Remove the battery cover.
1.3.2 Install 4 x "AA" batteries, according to the correct polarity.
1.3.3 Close the battery cover.



1.4 Lithium Battery Charging

1.4.1 Insert USB charging wire in USB port of computer, and the indicator is off; connect the battery plug to the USB charging wire, and the indicator is on, indicating charging; if off, indicating full.

1.4.2 Connect the battery plug with the socket in USB charging line; if the light is on, it indicates the charging status; if it is off, it indicates the electricity in battery is full.



Note: The USB charging line can be connected to most smartphone chargers or mobile power sources or USB interface in automobiles. The voltage in USB interface is 5V±0.5v.

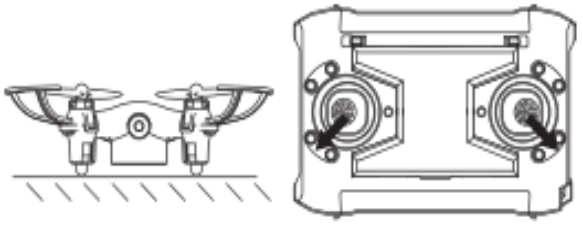
1.5 Battery Installation Of Aircraft

1.5.1 Put the lithium battery into the battery box.

1.5.2 Put the lithium battery plug into the aircraft socket.

2. AIRCRAFT CALIBRATION

After the aircraft takes code matching with the remote control, the aircraft will be put on a horizontal surface, and it will also push the remote control's "left control rod" and "right controls rod" (as shown in figure), until the LED light of aircraft is flashing, after calibration, the LED lamp wil be back to normal light. (when the aircraft drifts in any direction, and fine-tuning adjustment cannot play role to it, this calibration can repair it.)

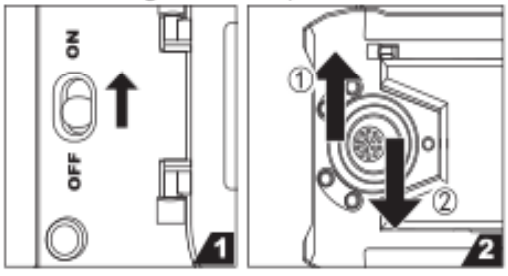


3.TAKEOFF

3.1 Start-up (match the code between the aircraft and the remote control)

3.1.1 Install the fully charged battery into the aircraft, then connect the power cable of the aircraft and the battery in accordance with the correct polarity, and then place it on the ground with nose toward the front. (The aircraft light will flash)

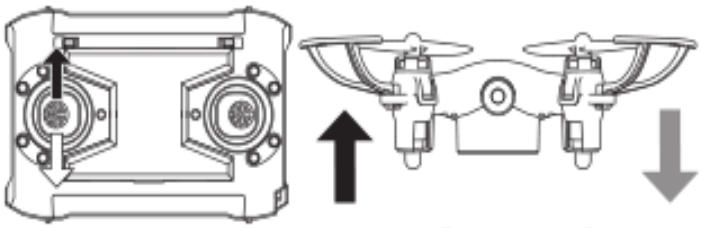
3.1.2 Adjust the power switch of the remote control, (the red power indicator light will flash), push the left lever to the highest position and then to the lowest position, begin code matching between the aircraft and remote control. After code matching is completed, the power indicator light on the remote control and the aircraft will return to normal.



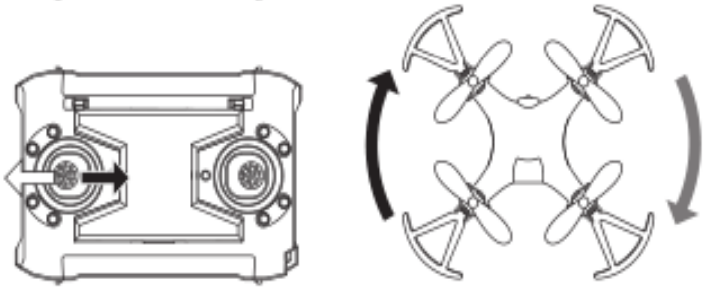
3.2 Operation And Control

Note: avoid out of control, in the control of moving of aircraft, always pay attention to slowly manipulate the joystick to control, the aircraft will lose a bit of power in the process of remote control, so you can add a little extra throttle to keep a certain height of flight in training.

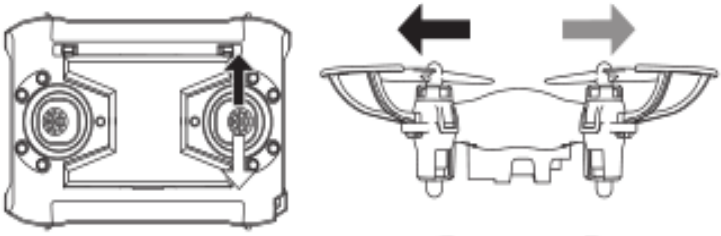
The left joystick controls up/down of aircraft



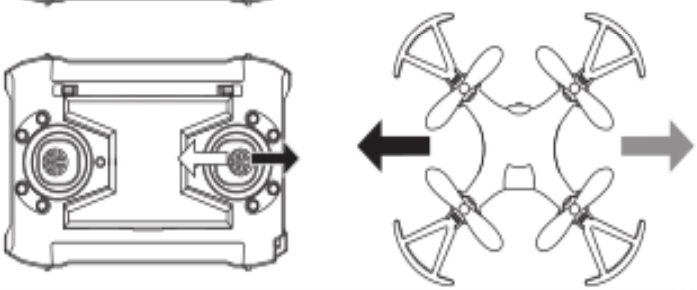
The left joystick controls leftward/ rightward rotation of aircraft



The right control rod controls forward/ backward of aircraft



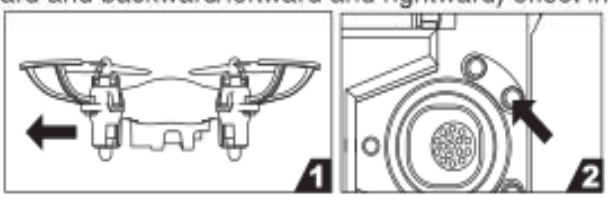
The right control rod controls leftward/ rightward flying of aircraft



Note: When the navigation light of the aircraft begins to flash, it indicates the low battery mode. At this moment, you should control the aircraft to fly back to your side to prevent the aircraft from starting low-voltage protection and automatically shut down the power system due to low battery.

3.3 Fine Tuning

If the aircraft encounters (rotation/forward and backward/leftward and rightward) offset in the flying, click the corresponding fine tuning key in reverse direction for adjustment. For example:the aircraft has forward deviation, click "forward/backward fine-tuning" key to adjust as shown in figure.



4. SETTING OF SENSITIVITY

This aircraft can achieve three modes of operation:
low-speed (30%), medium-speed (60%) and high-speed (100%).
Click the “speed conversion” button for settings:

4.1 After adjusting the button, the buzzer on the remote control will beep once (the power indicator light will flash once), indicating that the aircraft enters the slow-speed mode (sensitivity up to 30%)

4.2 After adjusting the button, the buzzer on the remote control will beep twice (the power indicator light will flash twice), indicating that the aircraft enters the medium-speed mode (sensitivity up to 60%)

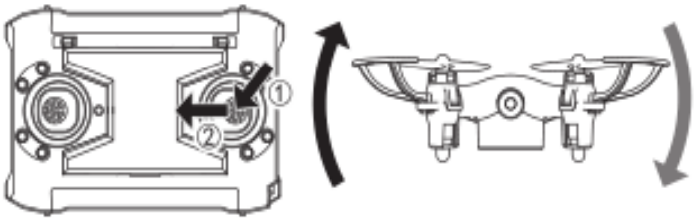
4.3 After adjusting the button, the buzzer on the remote control will beep three times (the power indicator light will flash three times), indicating that the aircraft enters the high-speed mode (sensitivity up to 100%)

Note: This button can be used to adjust the sensitivity of the aircraft. The greater the sensitivity value is, the faster the aircraft reaction would be.

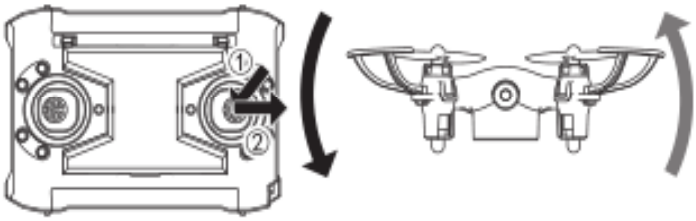
5. AERIAL ROLLING SKILL

The aircraft, through the following control, can take 360-degree roll flight. In order to better perform rolling function, ensure that the aircraft maintains 3 meters above the ground to fly, the best is to operate the model for rolling in the process of rising, then after rolling of aircraft, it is easier to maintain a height.

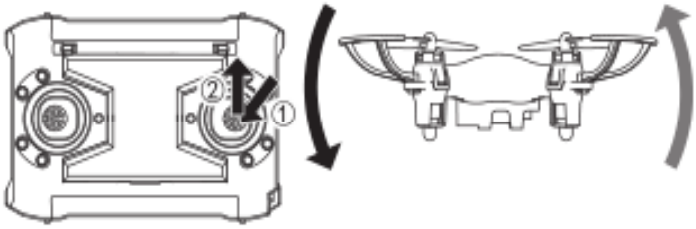
Click on the "The right control lever ", then push the right control rod to the left, then push the control rod to the middle position.



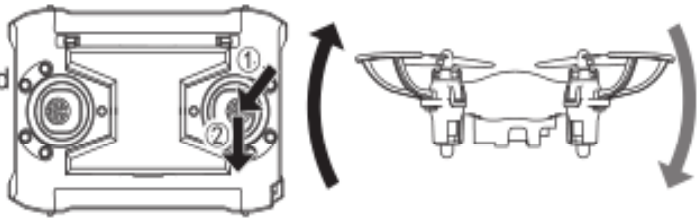
Click on the "The right control lever ", then push the right control rod to the right, then push the control rod to the middle position.



Click on the "The right control lever ", and then push forward the right control rod, then push the joystick to the middle position.



Click on the "The right control lever ", and then push backward the right control rod, then push the joystick to the middle position.



6. COMPASS (HEADLESS) MODE

6.1 The nose of the aircraft must head toward the front while matching code; or the direction will be disordered after the “compass mode" is opened.

6.2 When you need to use the “compass mode”, press and hold the “The right control lever " button for 2 seconds, and then the aircraft will automatically lock direction.

6.3 When you do not need to use the "compass mode”, re-press the “The right control lever” button to exit the “compass mode."

7. THE USE OF THE CAMERA (OPTIONAL)

7.1 After the aircraft is powered on, start code matching with the remote control.

7.2 Press the “The left control lever ” button to take a picture (the red light of the camera will flash once).
7.3 Press and hold the “The left control lever” button for 2 seconds to enter the video mode (the red light of the camera will always flash). Then re-press and hold the “The left control lever” button for 2 seconds to exit the video mode.
7.4 Exit the video mode, turn off the power, and finally remove the SD card

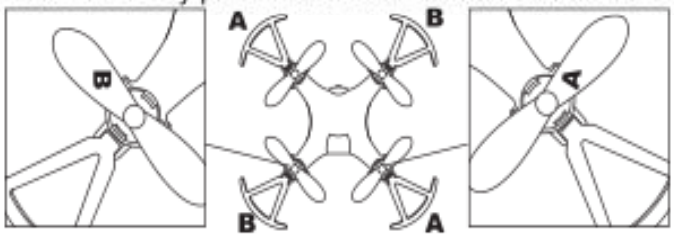
Note: 1. Please operate according to the above steps, or it will cause some functional abnormalities.
2. While taking pictures, due to the need of data storage, the interval for taking two pictures shall be no less than 2 seconds.
3. If the SD card cannot store data, please format it before use.

8.LIGHT CONTROL

Click “light control”to control the navigation light of Aircraft (default: on).

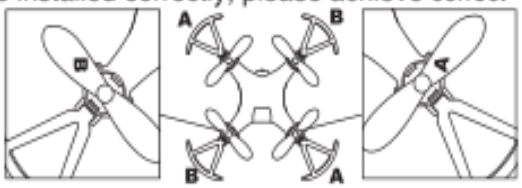
9. INSTALLATION AND DISASSEMBLY OF BLADE

The blade of the aircraft is not the same for every piece. Each blade is marked with "A" or "B". When install the blade, please correctly install according to the corresponding tag as shown below. When the blade is not properly installed, the aircraft will be unable to take off,or rollover or throw.



10. TROUBLESHOOTING

1. The remote control cannot match code with fine-tuning four-axis
   Answer: Check whether the remote control's throttle is pushed to the lowest value, when start to match code, do not move any other rocker and fine-tuning.
2. The propeller does not rotate, or takes very slow reaction
   Answer: (1) Lithium battery quantity is low;(2) The is need to re-match code; (3) Push the throttle to the lowest value to let aircraft land, after pause for 3 seconds, take off again.
3. The aircraft in flight is shaking or vibrating, with great noise
   Answer: Check whether the motor, casing and blades are installed correctly.
4. The blade cannot rotate, and take off
   Answer: (1) Check whether the A/B blade is installed correctly, please achieve correct installation of blade as shown below; (2) The motor is installed improperly, check to ensure that each motor is installed correctly, each motor has the motor line with two colors, please check the following figure for the correct installation of motor.



5. One or more of the motor does not rotate
   Answer: (1) The motor is out of order, add a new motor; (2) The motor line falls off, welding line is needed; (3) A transistor on the emission board in the remote controller is burnt out, and use a new remote controller.
6. After re-calibrate, aircraft still drifts in suspension
   Answer: Put the aircraft in a horizontal plane, pad several layers of paper in the azimuth of drift (the thickness of the paper depends on the degree of drift), then the accelerometer can be calibrated on the horizontal plane , so as to solve the drift problem.
7. Cannot roll
   Answer: Lithium battery with too low quantity needs charging

MADE IN CHINA

FCC ID: 2AIRDTYH00000001

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.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.