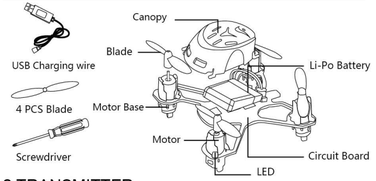
AGES 14+

INSTRUCTION MANUAL

D1

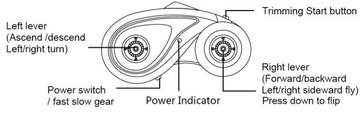
MINI QUADCOPTER

1 INCLUDED PARTS

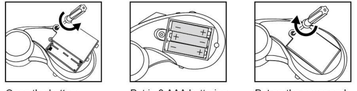


2 TRANSMITTER

2.1 Introduction of transmitter



2.2 Install Batteries



Open the battery compartment by loosening the screws on the cover with a screw driver.

Put in 3 AAA batteries with correct directions.

Put on the cover and get it fastened with screws.

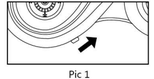
3 CHARGING LI-PO BATTERY

3.1 Connect the charger to battery and USB end onto computer or other device with USB port, such as a car. When you charge, the red indicator light will go out and it will light once finished. The voltage of USB port is 5V±0.5V.

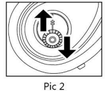
4 STANDBY FOR FLY

4.1 Operation System Booting

The gyro receiver of the quadcopter is equipped with error protection function.
The correct booting procedure as below:
Turn on the power supply of the quadcopter ,Placed in the horizontal plane;
the LED lights of the quadcopter will flash. Then turn on the power supply of the transmitter (Pic 1),the red LED lights will flash. Push thethe left lever (accelerator) to maximum and then to minimum. (Pic 2), After matching, LED lights will keep lighting.
This time you can control the quadcopter .



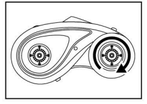
Pic 1



Pic 2

4.2 Calibration

Turn on the transmitter, and match it with the quadcopter. Get the right lever (swerving rudder) rotates a circle clockwise . The four LED lights will flash once it matches.

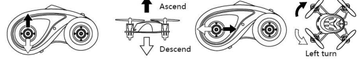


TIPS: When matching signal. keep the quadcopter on horizontal position for faster matching and starting a stable flight.

5 OPERATING AND CONTROL

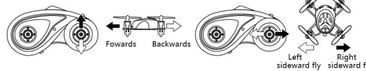
5.1 Operating Instructions

Please kindly note that the operating shall be made in gentle and slow way to prevent the quadcopter out of control. Each operating may cause some power loss, so it is recommended to add some power if necessary to keep a certain flying height.



Push the left lever (accelerator) up and down, he quadcopter will ascends and descends accordingly.

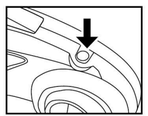
Push the left lever (accelerator) leftward and rightward,the quadcopter will turn left and turn right accordingly.



Push the right lever (swerving rudder) ,the quadcopter will go forward and backward accordingly.

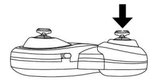
Push the right lever (swerving rudder) leftward and rightward, the quadcopter will go leftward and rightward accordingly.

5.2 Trimming



Press down the trimming button to get into the trimming mode. Operate the right lever forward, backward, leftward or rightward to get the control tuned. The corresponding light will flash in tuning. Press down the button again to quit trimming.

6 FLIPS

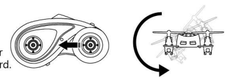


Flip is available only in the advanced mode. Press down the right lever to get into the advanced mode.

In order to get good rolling performance, it is recommended to keep a 30 cm height between four axles and the ground in flying up. It will easy the rolling and keep it steady and a certain height after rolling.

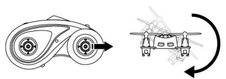
6.1 Leftward flip

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



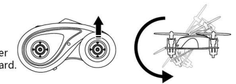
6.2 Rightward flip

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



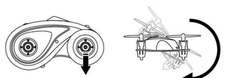
6.3 Forward flip

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



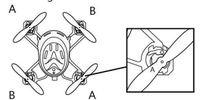
6.4 backward flip

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

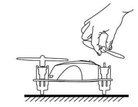


7 MOUNTING BLADES

The blades are different marked as A or B. Please mount the blades as the diagram instructed. Incorrect blade mounting may cause flying failure, nonlinear flying or crashing.



Hand hold the cap of a blade and push down onto the motor driving shaft to mount.



8 TROUBLE SHOOTING

8.1 Transmitter and quadcopter not bland:
solution:Make sure Frequency of success.
8.2 Gyro not working well:
Solution: 1)Battery voltage too low. 2)Re-bind.
3)Make sure the quadcopter on the horizontal position.
8.3 Unable to flip:
Solution: 1)Press right lever ,change to flip mode.
2)Check if lipo power is too low and needs to be recharged.
8.4 Quadcopter is shaking with noise:
Solution: Check if the motors,canopy,body and propellers are all properly positioned.
8.5 Cannot take off:
Solution: 1)Wrong installation of the props. All props are marked with "A" or "B" and should be placed on the right motor (marked "A" or "B")respectively for the correct order
2)Check quadcopter canopy if loose or not,block blades flying
3)Check quadcopter battery is power full,if the low power, quadcopter canopy inner light will be alternately flashing.
8.6 Flight offset:
Solution: 1)Blades are deformed.
2)Motor seat installed properly.
3)Motor seat to keep the PCB loose .