

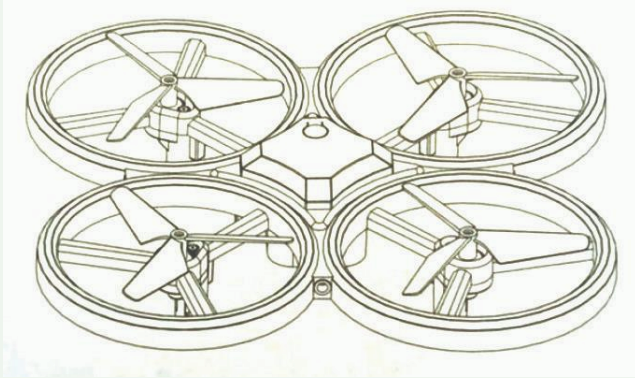


DRONE TECHNOLOGY INNOVATION:

OBJECTIVES:

- Introduce of aircraft technical parameters components, maintenance, safety regulation and its main function
- Investigate the use of drone for educational purposes
- Improve repair times / innovate its prototype.

INDUCTION AIRCRAFT OPERATING INSTRUCTIONS



RC Technical Parameters

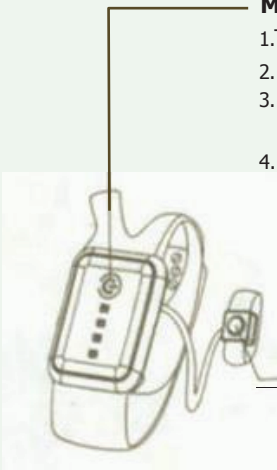
- Battery capacity: 3.7V 150mAh
- Charging time: about 30 minutes
- Use time: about 10 hours
- When the remote control is motionless, it will be automatically turned off after 1minute.
- When the remote control enters into the low-voltage protection,the indicator light flashes slowly,and is unable to be used and needs to be charged.

Aircraft Technical Parameters

- Length: 170mm
- Width: 170mm
- Height: 38mm
- Battery capacity: 3.7V 550mAh
- Charging time: 60 minutes
- Flight time: 6 minutes
- Remote distance: 80 meters



TRANSMITTER



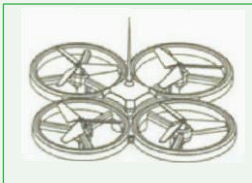
Main Body Button

1. The first time short press for start up
2. The second time short press for reset
3. Short press is landing slowly function in flight
4. Long press the aircraft for 1second to emergency stop, 3 seconds to turn off

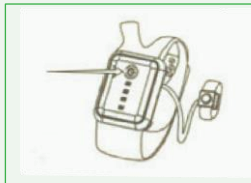
Finger Button

1. The first time short press for take off to 1.2 meters
2. Short press is roll function in flight
3. Short press quickly 3 times in flight to enter into the infrared obstacle avoidance mode
4. Long press the remote control to switch to (throttle and steering) function

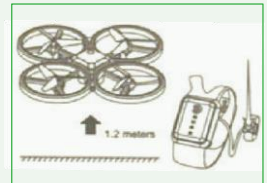
READY FOR FLY



1. Please put the aircraft on ground. Long press the switch for 1second to turn in, the indicator lights change from flash quickly to flash slowly. Waiting for code.

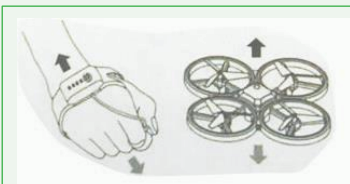


2. Short press the Gravity sensor remote control switch, the remote control indicator light flashes slowly. 3 times at the same time and turns into long light indicating the end of the code. The aircraft indicator light changes from flash slowly to long light, indicating that the code is successful.

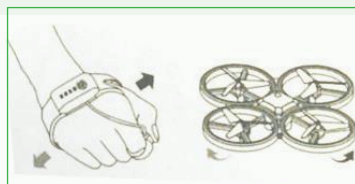


3. Short press the remote control finger button to take off to 1.2 meters

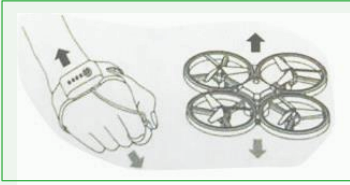
HOW TO CONTROL



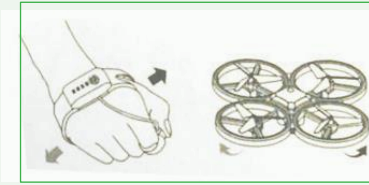
1. Long press the remote control finger button and let the hand up or down, the aircraft will ascend or descend accordingly.



2. Long press the remote control finger button and let the hand to the left or right, the aircraft will turn left or right accordingly.



3. Loosening the remote control finger button and let the hand down or up, the aircraft will move forward or backward.

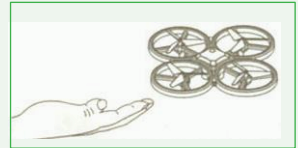


4. Loosening the remote control finger button and let the hand to left or right, the aircraft will turn left or right accordingly.

MAIN FUNCTION

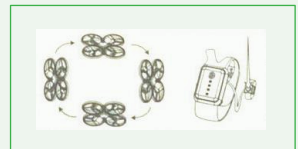
1. Hand Throwing Induction Mode

Please put the aircraft on the ground, long press the switch for 1 second to turn on. The indicator lights change from flash quickly to flash slowly. Pick up the aircraft and throw it out, the aircraft will hover in the air. Short press the power button to reset. Long press the switch for 1 second to turn off. When the aircraft is into throw flying induction mode, the watch remote control will be switched on and connect with aircraft for connection successfully, and throw flying induction mode will exit out at the same time. When it is flying in the air into throw flying induction mode, the bottom of the aircraft will be ascended when the hand is held rapidly, and when the hand is held continuously the bottom of the aircraft will be descended.



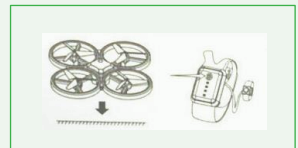
2. Rolling

Short press the remote control finger button in flight, the aircraft indicator light flashes quickly and you can tilt the remote control to roll accordingly. When the remote control is motionless for 2 seconds, it will exit the roll function.



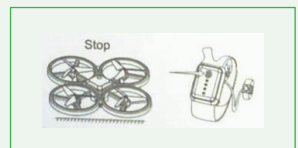
3. Slow descent

Short press the remote control main body button in flight, the aircraft will land slowly on the ground to stop flying.



4. Emergency stop

When the aircraft loss control in flight, long press the remote control main body button for 1 second to emergency stop.



MAINTENANCE

1. The quadcopter shall be cleaned regularly with clean soft cloth.
2. Avoid strong sunshine and heat.
3. Keep away from water.
4. Regular check is suggested and damaged parts shall be replaced in time.

SAFETY REGULATIONS

1. Small parts shall be well kept far away from children.
2. It is suggested to power up slowly to avoid any potential damage at high speed.
3. It is suggested to switch off the power of the remote controller before the quadcopter.
4. The batteries shall be kept away from fire or high temperature.
5. The quadcopter shall be kept at a sufficient distance from others to avoid any potential injury.
6. Child shall be under the monitoring of an adult in playing the quadcopter.
7. It is prohibited to charge a non-rechargeable battery.
8. The switches shall be shut down and the batteries shall be taken out for a long time no use.
9. Be aware of the risk of short circuit.

CAUTION

1. Insufficient electricity power will shorten the control distance.
2. Insufficient electricity power will lead to difficulties in taking off and ascending.
3. Fix the quadcopter in time if there is any damage. If it is damaged badly (for example: blade is damaged), it may hurt players.
4. Remove the transmitter batteries if not in use for a long time to avoid battery leakage.
5. Avoiding dropping and crashing the quadcopter for it will lead to damages and shorten the lifespan of the quadcopter.
6. The alloy parts in the quadcopter may hurt you children, please pay much attention.