Wowitoys

H4816S
4-CHANNEL 2.4G MID DRONE MANUAL

1.CONTROLLER COMPONENTS

- Speed Select
- Headless button
- Throttle/Left Stick
- LED
- One Press STOP
- One Press START
- Power Switch
- Flip
- Right Stick/Rudder Combat button
- Trim Slider C
- Trim Slider B

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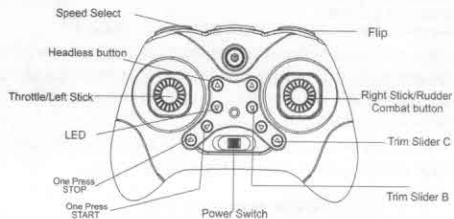
2. SETTING UP THE CONTROLLER / DRONE

INSTALLING THE CONTROLLER BATTERIES

3Pcs of "AAA"batteries
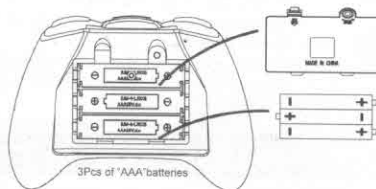
> **NOTICE:**
> 1. Always have an adult install the batteries.
> 2. Always use alkaline batteries.
> 3. Never mix old and new batteries.

1.Unscrew the battery cover, and insert 3*AAA batteries (not included), making sure you insert them following the correct polarity as shown.
2.Re-attach the battery cover

CHARGING THE DRONE BATTERY
1.Turn off the drone and insert the battery charging wire into the USB slot.
2.Insert the USB charger (square socket) to the computer, the USB indicator will be on red color.
3.When the drone is fully charged , the red light will be off.
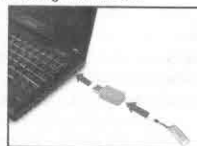
> **WARNING**
> 1.Do not leave the battery unattended whilst charging.
> 2.Only ever use the supplied battery or plug charger.

3. SAFE FLIGHT ENVIRONMENT

1. Make sure the surrounding area is free of all people, pets or other obstacles before you start to fly.
2. The drone is designed as an outside flyer, or indoors only if in a large open space. It is not recommended to fly the drone inside a house, or outside in strong wind.
3. Leave 1.5 meters between you and the drone at all times.

4. SETTING UP THE SIGNAL CONNECTION

Li-polymer Battery
3.7V 250mAh

Insert the battery into the battery housing, connect the battery plug cable to the battery socket cable, making sure you follow the "One Orientation" fit design of the plug and socket. DO NOT TRY AND CONNECT THE WRONG WAY ROUND. The led on the drone will start to flash. Place the drone down on a flat surface.

⚠ CAUTION

ON/OFF

The throttle stick to lowest point
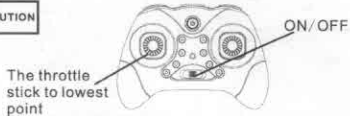
Ensure the Up/Down Lever on the controller is in the fully down position. Then turn on the controller power switch. To pair the signals of the drone and the controller, you must now raise the Up/Down lever on the controller all the way to the top, and then all lower it all the way to the bottom. You may need to repeat this a few times. The controller will make a Beep sound. The next time you raise the Up/Down lever, the drone will lift into the air.

Power switch

Always turn the controller off after flight, and remove all batteries if leaving un-used for a long period of time.
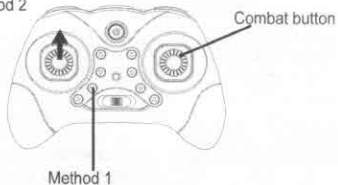
5. FLIGHT CONTROL

PLEASE USE THE CONTROLLER TO PRACTICE SIMULATED FLIGHTS BEFORE YOU ACTUALLY TAKE THE DRONE IN THE AIR FOR THE FIRST TIME.

Place the DRONE on a flat surface, make sure the front BLUE LED lights are pointing away from you. The BLUE LED lights indicate the FORWARD direction.

How to activate altitude hold function

Method 2

Combat button

Method 1

Once synchronization is done, before flying it:

Method 1. Press the one key start button, the propellers will turn on without taking off and push up the left lever to take off.

Method 2. Push the left lever up and hold for 2-3 seconds, the propellers will turn on without taking off and then push up the left lever again to take off.

The altitude hold function is activated now and at the moment you release the left joystick, the drone will constantly remain its height.

Combat function

This drone is a battle drone, you could press down the right throttle of controller during flying to shot other battle drones. You will hear one beep sound from the controller and also see the front blue lights blink once from the drone, that means you launch the infrared bullet once.

Shot chance and performance

When your battle drone get 1st shot, it will sway for 2-3 seconds; get 2nd shot, it will turn to the left for 2-3 seconds; get 3rd shot, it will flip vertical (right and left direction) once; get 4th shot, it will spiral down to the ground, game over. After 2-3 seconds, your battle drone could fly up again to have a new battle.

↑ Ascending

Descending ⇩

When you push up on the Up/Down lever, the drone will start to go up (please do this slowly at first till you learn the sensitivity). When you push down on the Up/Down lever, the drone will start to go down.
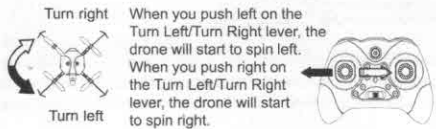

Forward

Backward ⇩

When you push forward on the Forward/Backward lever, the drone will start to fly forward (please do this slowly at first till you learn the sensitivity). When you push backward on the Forward/Backward lever, the drone will start to fly backwards.

Turn right / Turn left	When you push left on the Turn Left/Turn Right lever, the drone will start to spin left. When you push right on the Turn Left/Turn Right lever, the drone will start to spin right.

Left sideward fly / Right sideward fly

When you push left on the Bank Left/Bank Right lever, the drone will start to bank left (please do this slowly at first till you learn the sensitivity). When you push right on the Bank Left/Bank Right lever, the drone will start to bank right.

TIP:

It will be much easier when you start to learn to fly the DRONE, to ignore TURN RIGHT/TURN LEFT, by using UP/DOWN, FORWARD/BACKWARD, BANK LEFT/BANK RIGHT, the DRONE will still be able to fly everywhere, also please keeping the Blue LED lights toward the front at all times, it will tells you the FORWARD direction.

6. ACROBATIC MODE:

1. When you have already controlled the flight and the basic operation of the drone, you will be ready to perform some tricks and impressive stunts.
2. The main thing is that the drone flies at a height greater than 3 meters, since all the stunts involve a loss of height and thus avoids the danger of hitting the ground.
3. To perform acrobatics, you must press the button "aerobatics" (button located on the top right) and then push the direction lever (right) in the desired direction to make an aerobatic 360°.
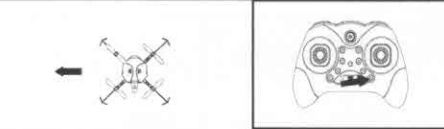
> ADVICE ON ACROBATIC FLIGHT MODE:
> Be careful to keep the battery sufficiently charged when performing stunts.
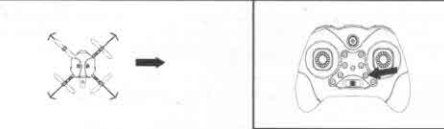
7. FEATURES

SPEED CONTROL: When you first turn on your drone, it is set to 40% speed, you will hear ONE beep; When you press the speed button, you will hear TWO beeps and the speed will be increased to 60%; Pressing the speed button again, you will hear THREE beeps and the speed will increase to 100%; Pressing again will bring you back to 40% speed and you will hear ONE beep. Always learn to fly at 40% speed, and then you can increase it as you get better at flying.
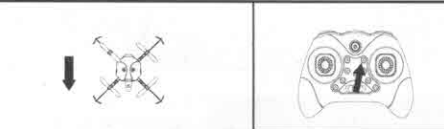
8. FLIGHT ADJUSTMENT SECTION

When you lift your drone into the air, and don't use any of the other control levers, it should just hover in one spot. If it doesn't, you can follow the below instructions to bring your drone back to a perfect hover.

If your drone banks to the Left, keep pressing the Bank Left/Bank Right trim button to the Right till the drone stops banking.

If your drone banks to the Right, keep pressing the Bank Left/Bank Right trim button to the Left till the drone stops banking.
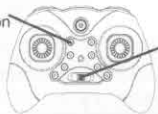
If your drone flies Backwards, keep pressing the Forward/Backward trim button Up till the drone stops flying backwards.

If your drone flies Forwards, keep pressing the Forward/Backward trim button Down till the drone stops flying forwards.

Headless button — Power Switch

Headless control function

In order to activate this mode, press the headless button you hear incontinuous beeps, the drone will displace according to the direction of the stick command do not matter where the drone is pointed at. Press the headless button again, to go back to the normal mode.

9. RESETTING THE DRONE

If you are experiencing issues controlling the drone and it is not responding correctly to the controller, it can be reset by following the steps below.

1. Turn on the drone and controller, push the left throttle of controller up and down one time to pair the drone.
2. Then push both left and right throttle of controller to left-down corner (7 o'clock direction). Now the drone is recovered to its original factory setting and ready to fly again.

10. REPLACING BLADES AND FIXING ISSUES

1. BLADE REPLACEMENT: Your drone blades are very strong, but sometimes they can get damaged with a bad crash. You have spare blades in the box, and to replace them is as easy as just placing a new one back on over the motor bar. You must always replace a A blade with a A blade, and a B blade with a B blade.

2. DRONE NOT LIFTING OR NOT FLYING IN YOUR CHOSEN DIRECTION

1) The most common reason for a drone not lifting or flying in your chosen direction properly is that you have hair and debris wrapped around one or more of the blades. This is simple to remove, just take off the blade, remove the debris, and place the blade back on.
2) The batteries in the drone may need charging, or replacing the batteries in the controller.
3) You may have knocked your Trim Button settings out of sync.Follow the instructions earlier in this booklet to reset them back to the factory settings, and then re-trim as desired.

11. SPECIFICATIONS

- Flight Distance: Up to 30-40
- Number of Drones: Up to 10 Drones can be flown in same space at the same time
- Removal Battery: Additional batteries can be bought separately

12. WARNINGS

· The drone is designed for 14+
· Adult supervision is always advisable with any form of flying toy
· Always ensure your flight area is free of all obstacles before taking off, and ensure the drone is always flown in excess of 1.5 meters from yourself and others
· Remove all batteries from the drone and controller when not in use
· Never overcharge
· Never leave to charge unattended
· Never touch the drones motors during or after flying as they can get hot
· Never touch the blades when they are in rotating
· If the drone becomes damaged, stop using it immediately
· Do not dispose of any parts of the drone or controller in the normal rubbish, all parts should be taken to your local recycling centre
· The battery in the drone should never be exposed to any form of high temperature or disposed of in a fire