

8.7 Hover Up and Down

Enter hover mode after one click takeoff

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8.8 Forward/backward flight

(1) Ensure that the remote control is turned off (Indicator light off status)

(2) Turn on the drone switch (Long press the power button)

(3) Place the drone on a flat surface

(4) Long press upwards to turn on the power of the remote control

⚠ Attention: Place the aircraft in the correct direction, with the nose facing straight ahead, and be sure to place it on a level ground

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In Mode 1, push the remote control lever forward and the aircraft flies forward; Pull back and the aircraft will fly backwards.

In Mode 2, hold down the gravity unlock lever, lower the remote control forward, and the aircraft will fly forward; The remote control is tilted backwards, causing the aircraft to fly backwards.

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5. Remote control function description:

In Mode 1, the joystick moves forward, backward, left, and right, corresponding to the aircraft flying forward, backward, left, and right.

In Mode 2, the joystick moves in front and descends in the back, with a left turn and a right turn. In any mode, press vertically once to roll right, twice to roll left, and three times to roll forward. After four rolls, cycle in sequence in Mode 1. The joystick is pushed forward, calibrated once, activated twice, and taken of three times.

Indicator lamp

Emergency stop (short press upwards)

Calibration (long press upwards)

Takeoff/Landing (short press)

Activate obstacle avoidance (long press)

Front view left turn (long press)

Rear induction forward (short press)

Speed 1-2-3 (short press)

Switch between Mode 1 and Mode 2 (long press)

A long beep indicates successful switching

Power switch (long press upwards to turn on/off)

Headless mode (short press)

Light switch (short press)

After successfully entering free-tuning mode (long press), the indicator light flashes (long press again) and the indicator light remains on to exit free-tuning mode.

Gravily unlocking switch

In Mode 1, press and hold the gravily unlock button, and the remote control will raise the aircraft from high to low to low in back. Descend of aircraft with low front and high rear. Leaving the aircraft to the left and turning its head to the left. Tilt the aircraft to the right and turn its head to the right.

In Mode 2, press and hold the gravily unlock button, and the remote control will fly the aircraft forward with a low front and high rear. The aircraft backwards with a low rear and a high front, tilt the left and flying to the left. Tilt the aircraft to the right and fly to the right.

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6. Environmental requirements before flight:

Please choose an outdoor open environment with no wind, snow, and low wind. When flying, please stay away from crowds, trees, power lines, tall buildings, airports, and signal towers. Do not fly in indoor environments that are too small and have a lot of things.

7. Drone pairing:

First, turn on the power supply of the aircraft (with dual flashing indicator lights), align the aircraft in the right direction, and make sure to place the nose of the aircraft on a level ground. Then, turn on the power supply of the remote control. After the remote control beeps twice, the aircraft indicator lights will change from dual flashing to constant on. The pairing is successful.

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8.8 Left and right turns

In Mode 1, hold down the gravity unlock button, tilt the remote control to the left, and turn the aircraft's head to the left. The remote control tilts to the right, and the aircraft turns its head to the right.

In Mode 2, push the remote control lever to the left and the aircraft will turn its head to the left; Remote control push right, aircraft

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8. Operating instructions:

8.1 Aircraft calibration

Method 1: In any mode, long press the left wing upwards to calibrate

Method 2: After operation, push the joystick forward once for calibration

8.2 Fine tuning

Long press the arrow keys to make a beep sound, then release to enter fine-tuning mode.

When the aircraft leaves the ground:

- When the aircraft is drifting towards the back, push the joystick up continuously until it stabilizes and stops fine-tuning.
- When the aircraft is moving toward the front, push the joystick down continuously until it stabilizes and stops fine tuning.
- When the aircraft is shifted to the right, push the joystick to the left continuously until it stabilizes and then stop fine tuning.
- When the aircraft is moving to the left, push the joystick to the right continuously until it stabilizes and then stop fine tuning.

Long press the right keyboard to rotate, release the button to stop rotating

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8.4 Throw and fly

Paired aircraft can be placed flat in any direction, thrown into the air, and taken off and hovered.

8.5 One click takeoff and landing

Short press the left button to take off/land

8.6 Hover

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8.11 Rise and fall

In Mode 1, after one click takeoff, the drone hovers to about 2 meters. Press and hold the gravity unlock button, tilt the remote control forward, and the aircraft will ascend; Tilt backward to raise the aircraft.

In Mode 2, the remote control joystick pushes the aircraft forward to ascend; Pull the joystick back to lower the aircraft.

8.12 Rolling left and right

Any mode:

When the aircraft hovers, press the joystick of the remote control vertically. The first time the aircraft rolls to the right, the second time it rolls to the left, the third time it rolls forward, and the fourth time it rolls backward, and cycle in sequence.

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1. Include accessory list:

Aircraft X1, Remote control, USB charging cable X1, Lithium battery X1, Wind blade X4, Instruction X1

2. Names of various parts of the aircraft:

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11. NOTE:

Attention please:

- Do not hit the drone into sand or soil as the drone gears may become clogged
- When learning to fly for the first time, practice taking off and spinning
- After a crash or when something gets stuck in the propeller, always press the throttle lever all the way down or press the emergency stop button
- Do not use drones on or near people as sudden changes in wind or other conditions may cause accidental crashes
- Be cautious when driving drones, comply with relevant laws, and respect the privacy and property rights of others
- Not to be modified or used for any purpose other than the intended use

Warning: Any changes or modifications made to this device without explicit approval from the responsible party may result in the user losing the authority to operate the device

Troubleshooting

When turning on the remote control switch, the remote control light does not light up:

- Check if the battery in the remote control is installed correctly
- Replace with a new battery

The remote control power indicator light flashes during flight:

- Remote battery low, immediately land drone
- Replacing the battery

Aircraft indicator light flashing, no response during operation:

The aircraft's battery is low, connect the drone battery to the power source for charging

The drone battery needs to be charged. Use a USB charging cable to connect the drone battery to a power source

The drone and remote control are paired correctly, but the drone will not take off. The drone battery needs to be charged. Use a USB charging cable to connect the drone battery to a power source

After fine-tuning the drone, the flight is very unstable and cannot fly normally:

- It is possible that one or more blades are damaged. Please replace them with suitable ones and try flying again
- Using calibration methods to calibrate the gyroscope
- Turn off the drone and remote control, then pair the drone again

Remote control and drone cannot be paired:

The remote control must be within three meters of the drone

Note: If there are multiple unpaired drones within three meters, one must be successfully paired before other drones can be paired

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4D-V40

Suitable for ages 14+

User Manual for Four Axis Aircraft

Normal version

- To ensure the electromagnetic environment requirements of aviation radio stations, it is prohibited to operate within a range of 10 kilometers from both sides of the airport runway centerline and 20 kilometers on both ends of the runway, as well as on civil aviation routes and routes. Stop using various models and drones. Cease the use of various models and drones in the no fly zones issued by relevant national departments.

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WARNING

- The packaging and instructions contain important information and should be retained.
- You are responsible for ensuring that this aircraft does not cause harm to the personal and property of others.
- Debugging and installing the aircraft must be strictly operated according to the operating manual should be paid to maintaining a distance of 2-3 meters from the user or others during flight to avoid hitting the head, face, and body of people during flight and landing, which may cause injury.
- Our company and the seller are not responsible for any loss and damage caused by improper use or operation as well as human injury.
- Children should be guided by adults when operating aircraft. This product prohibits children under the age of 14 from operating it
- Please follow the instructions or packaging instructions for proper installation and use. Some parts should be assembled by adults.
- The product contains small parts, please keep them out of reach of children to prevent accidental ingestion or respiratory hazards.
- It is strictly prohibited to play on the road or in areas with accumulated water to avoid accidents.
- Please handle packaging materials in a timely manner to avoid harm to children.
- Do not disassemble or modify the aircraft, as disassembly or modification may cause the aircraft to malfunction
- The charging cable needs to be inserted into the designated power supply 5V=2A that matches the product label.
- Using other charging cables can cause battery damage and may pose a risk of accidents.
- Charging cables are not toys.
- When charging a rechargeable battery, it must be done under the supervision of an adult. When charging, it must be kept away from flammable materials. Please do not leave the monitoring range when charging.
- Please do not short circuit or squeeze the battery to avoid explosion.
- Do not mix different types of batteries.
- The aircraft uses rechargeable batteries and needs to be unplugged for charging.
- Do not short circuit, disassemble, or put the battery into fire. Do not place the battery in a high-temperature or heated area (such as in a fire or near an electric heating device).
- Aircraft should be used as far away as possible from other electrical equipment and magnetic objects, as they may cause mutual interference.
- Please maintain a safe distance from the high-speed rotating propeller to avoid the risk of twisting and cutting
- The motor is a heating component, please do not touch it to avoid burns
- Light emitting diode laser radiation, do not look directly at the beam.
- Do not use the model close to the ear! Misuse may cause hearing damage.
- The USB charging cable must use the data cable provided by our company to charge the battery, otherwise it may cause serious damage to the battery and even lead to accidents.
- To ensure the magnetic environment requirements of aviation radio stations. During the period when relevant national departments issue radio control orders, the use of model remote controllers within the district should be stopped as required.
- When the battery of the aircraft is depleted, be sure to turn off the switch and unplug the battery. After standing still for 30 minutes, charge it, otherwise it is easy to cause battery damage.

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9. Headless mode:

When the drone is in headless mode, regardless of which direction the drone is facing, it will be directed towards the user (remote control).

9.1 Short press the illustrated key to enter headless mode. The remote control emits a beep every 6 seconds, indicating that it is in automatic positioning mode.

9.2 Pushing to the right will cause the drone to leave the user, pushing to the left will move to the left.

9.3 Short press the illustrated key to exit headless mode.

10. Sensing mode:

- Press and hold the button as shown to enter induction mode, then press and hold to exit mode.
- When flying in induction mode, hands or objects approaching the front end of the aircraft will sense a 90 degree turn to the right.
- When flying in induction mode, hands or objects approaching the rear end of the aircraft sense that they will fly forward by about 1 meter.

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3. How to replace the propeller:

Pinch the small hat in the middle position of the fan blade and remove it. When re-installing it, align it with the motor shaft and press it down, being careful not to deform.

Attention: The fan blades are printed with letters A and B, please install them correctly according to the diagram, otherwise they cannot take off. A1=A2, B1=B2.

4. Charging/Battery:

- Please turn off the drone before charging
- Connect the battery charger to the port of the battery
- Charging cable connected to power supply

Open the battery cover and install 2 1.5V "AAA" batteries (as shown in the picture)

About 60 minutes UAV

Insert the interface of the USB charging cable into a 5V=2A power adapter for output. The battery will light up during USB charging and turn off when fully charged. The charging time is 60 minutes.

The charging cable provided by our factory must be used for charging, and other charging cables cannot be used for charging. Remember to avoid accidents

⚠ Warning: Please remove the battery when not in use to avoid damage

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8.10 Left side flight/Right side flight

In Mode 1, push the remote control lever to the left and the aircraft will fly to the left; When pushing to the right, the aircraft flies to the right.

In Mode 2, hold down the gravity unlock button, remotely tilt to the left, and the aircraft will fly to the left; Tilt to the right, and the aircraft will fly to the right.

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FCC Statement

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.

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.