



# HOSHI A16 Max Collapsible Quadcopter User Guide

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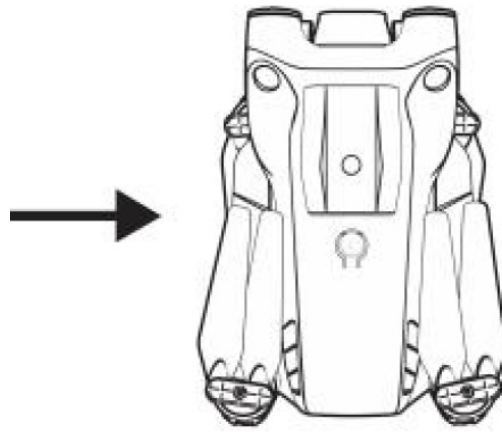
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# HOSHI

## HOSHI A16 Max Collapsible Quadcopter



**2.4 GHZ EDITION**



Limited to the original factory equipped with charger (USB) for charging.

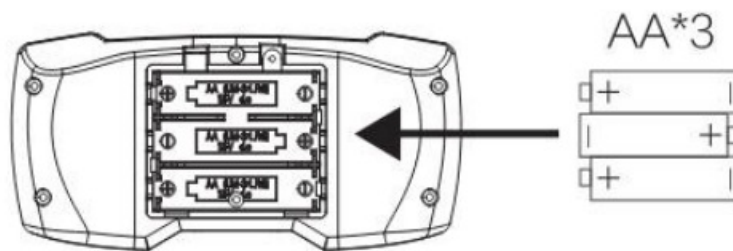
Do not leave when charging.

The battery should be stored in a cool place to avoid exposure to the sun.

Read the manual completely before use (please read the caution and warning section). Save this manual for future reference

## Battery installation and charging instructions

### 1. Remote control battery installation

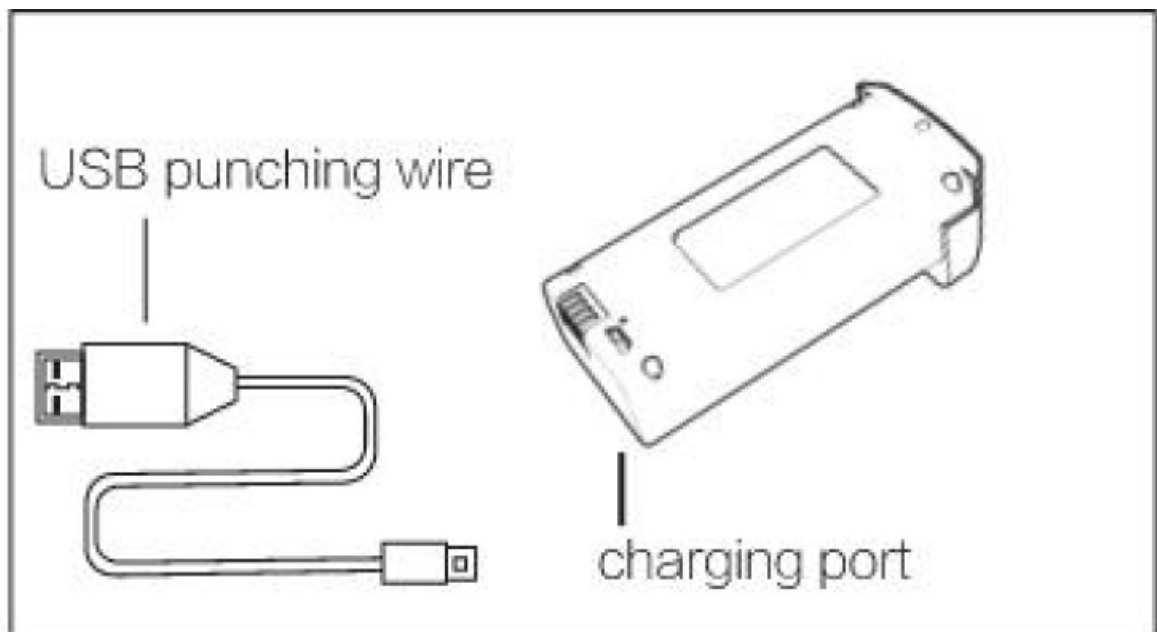


### 2. Lithium battery charging

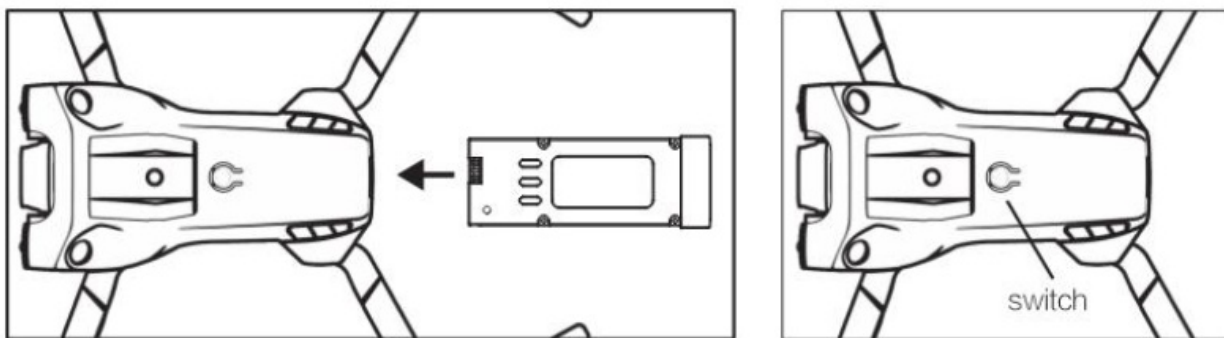
1. Remove the aircraft battery from the aircraft fuselage;
2. Connect the battery to the dedicated punching wire, and then insert the punching wire into the computer USB port and other punching equipment;
3. Lights up in red when charging, and lights out when full.

**Charging time is about 80-100 minutes**

According to the electrode instructions (+,-) of the battery box, insert the battery correctly (as shown)

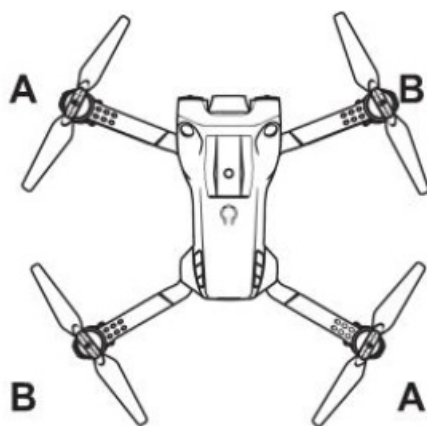


3. Aircraft battery installation and startup Insert a fully charged battery into the battery compartment of the aircraft, and press and hold the power switch until the aircraft lights come on.



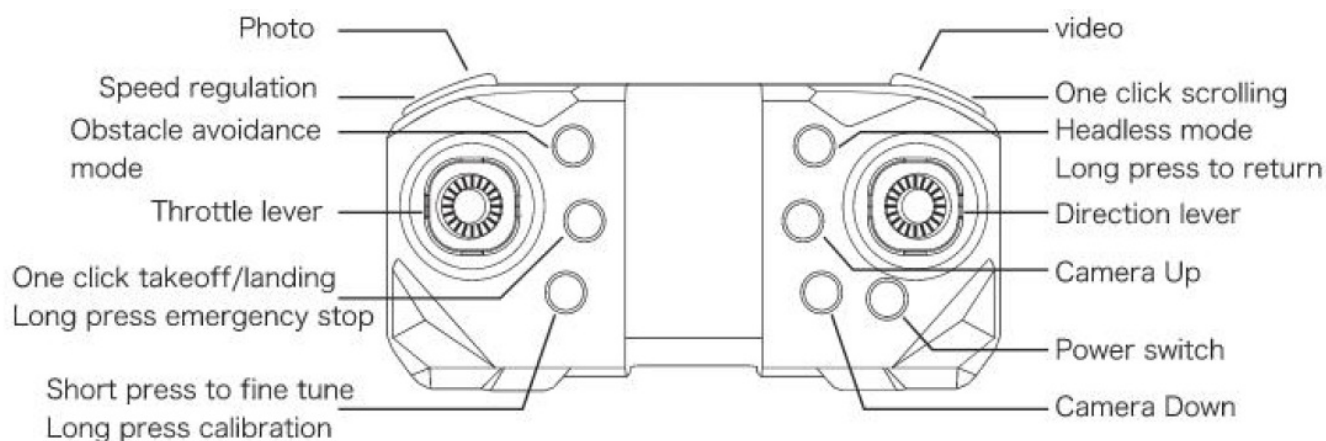
## Aircraft installation

1. Aircraft blade installation Please install the propeller in the direction of the picture on the right, and be sure to tighten the screws after installing in place.



2. Installation of aircraft protection frame Align the protective frame with the position of the aircraft's boom (as shown in the figure) and install and fasten it.

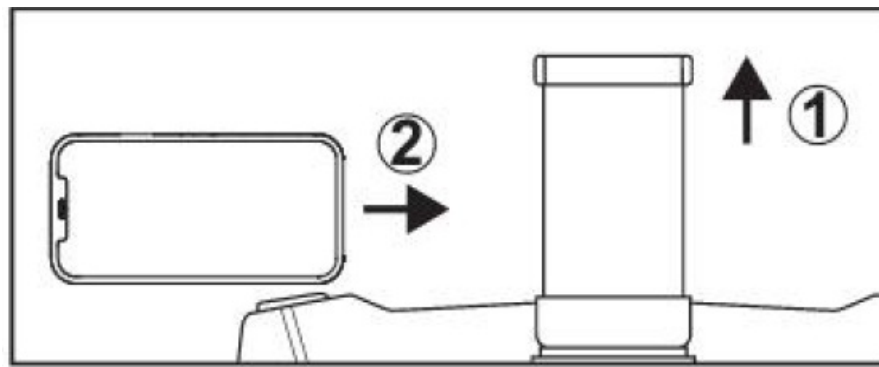
## Remote control function description / Operation description



**Short press:** One button up/down

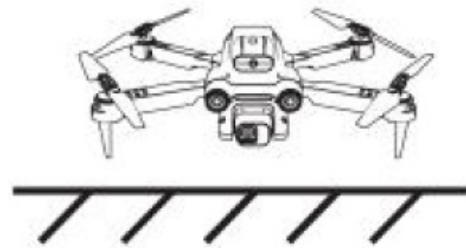
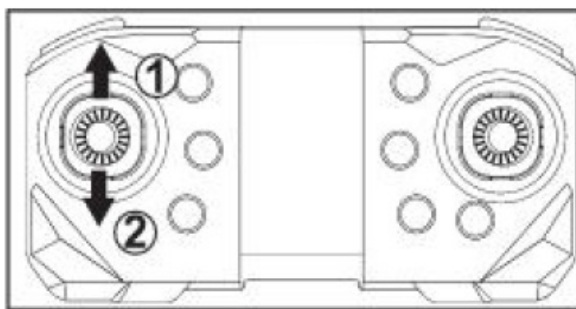
**Long press:** Emergency stop

1. Mobile phone hanger Open the remote control phone holder and clamp the phone.



2. Pair the remote control with the aircraft Turn on the power switch of the aircraft, place the aircraft on a flat ground, the aircraft indicator light flashes at this time, turn on the power switch of the remote control, push the power control lever to the highest position for 1 second and then pull it to the lowest position, the buzzer sounds a prompt, The aircraft indicator light keeps on indicating that the pairing is complete, and you can control it at this time.

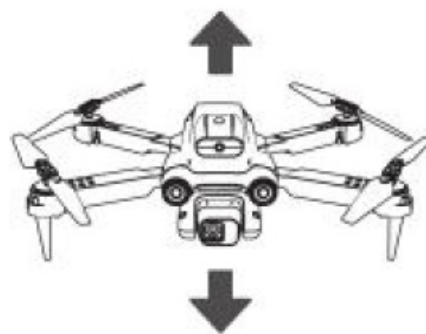
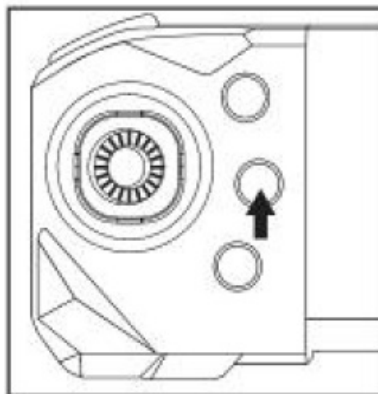
3.



One-key take-off

One-key take-off and One-key landing

**Tip:** This product is set by barometer. Due to various environmental temperature and other factors, it is normal for the aircraft to change in height when starting flight or at low voltage.

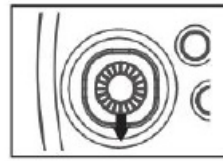
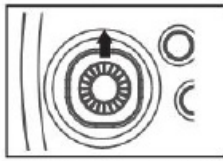


One-key landing

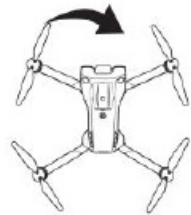
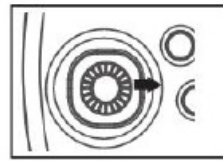
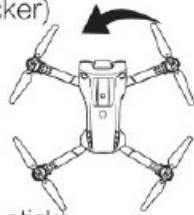
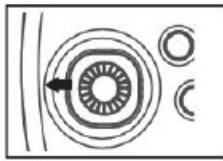
**Must be operated after pairing is completed**

4. Flight control

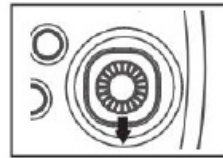
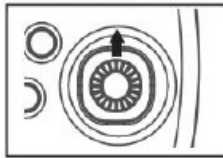
● Throttle (left stick)



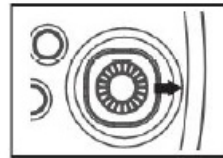
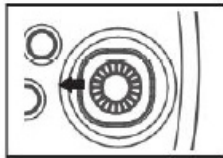
● Rotate left and right (left rocker)



● Forward and backward (right stick)



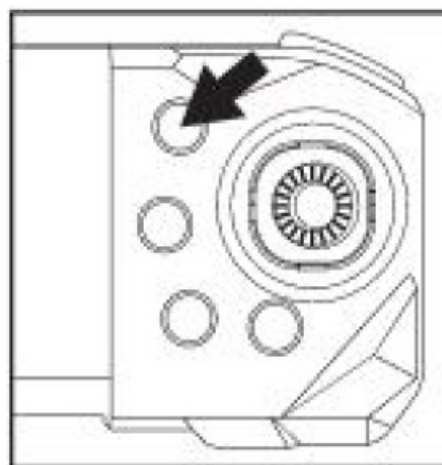
● Side fly (right stick)



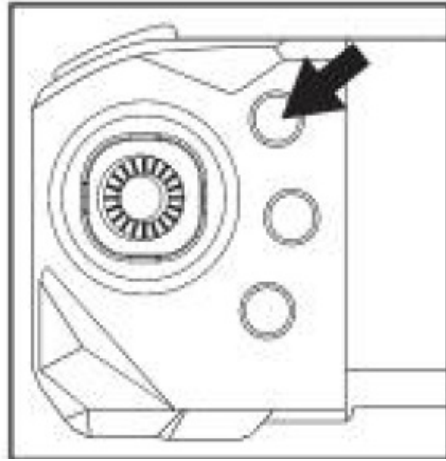
## Headless mode direction definition and mode selection

When switching to headless mode, the aircraft will give up its front, back, left, and right directions, and take the aircraft's nose direction (with the camera side) as the forward direction when pairing.

1. Definition of the direction before takeoff: place the aircraft's forward direction directly in front of you (with the camera side), then turn on the remote control to pair, and then complete the flight headless mode direction definition.
2. Press the headless mode key while flying, the remote controller will continue to make a sound, and the aircraft lights will flash quickly to enter the headless mode; press the headless mode key again, the remote controller will make two sounds to exit the headless mode.

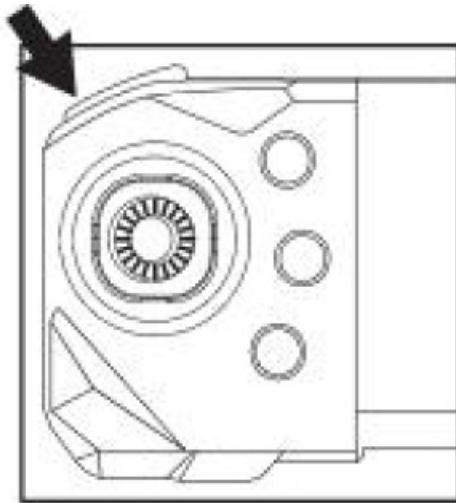


## Obstacle avoidance switch



After turning on the aircraft, long press the obstacle avoidance mode button to turn on the obstacle avoidance mode. The aircraft eye light will start to flash slowly, which is the obstacle avoidance mode. Meanwhile, press the obstacle avoidance button briefly to turn it off (the aircraft eye light will not flash at this time).

### **Speed selection**

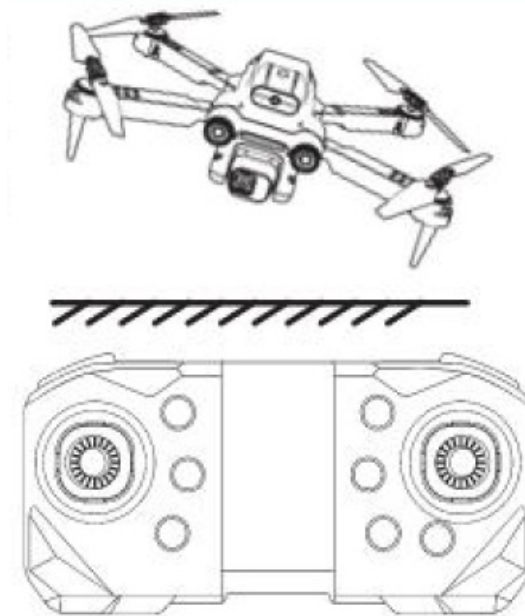


There are three speeds for forward, backward, and left and right side flight. The remote controller defaults to slow speed when the power is turned on. After pressing the speed key, two sounds are given for mid-range speed, three sounds are for fast speed, and one sound returns to slow speed. (Recommended for beginners to use slow speed operation).

### **One button emergency stop**

If an emergency stop is required in case of danger during flight, you can press the emergency stop button briefly as shown in the figure. The aircraft stopped running immediately. Do not attempt to operate this function when the aircraft is flying at high altitude. Otherwise, the aircraft will fall quickly.





**emergency stop**

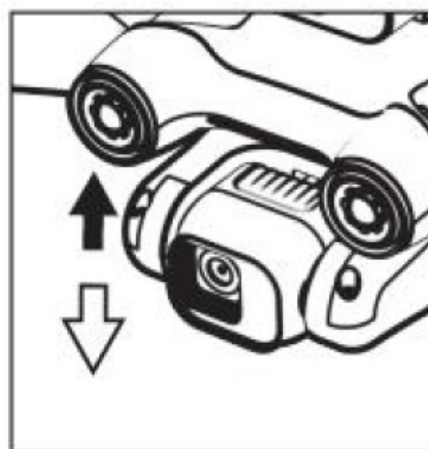
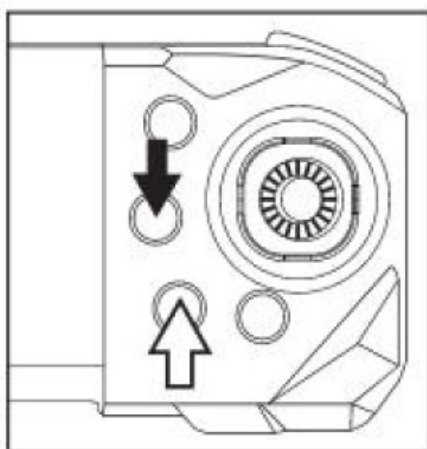
1. When the aircraft tilt angle exceeds 60 degrees, the aircraft will stop rotating;
2. When the propeller is stuck it will automatically stop the motor rotation;

### **Speed selection**

When the novice is operating the aircraft, if the flight is unstable after takeoff and slowly drifts in one direction, the gyro level correction function can be used to correct the aircraft. As shown in the picture on the right, after the start-up pairing is completed, the aircraft is placed on a flat ground, the remote control handle is turned to the right at the same time, the buzzer sounds a reminder, and the aircraft light flashes and then lights up, indicating that the calibration is complete.

### **Camera up and down adjustment**

When using drones, the camera direction can be adjusted by adjusting the up and down buttons on the lens



### **Aircraft calibration and emergency stop**

problem	the reason	Approach
The indicator light flashes continuously,no response	The aircraft and remote control are not paired successfully	Please perform pairing again
Nothing happens when the battery is connected	(1)Check whether it is connected correctly or whether the battery has low voltage (2)Whether the positive and negative plates of the battery are in poor contact	(1)Reinstall the battery or charge or replace with a new battery (2) Confirm that the positive and negative polarities of the battery are installed correctly
The motor does not rotate when the throttle stick is pushed,and the indicator light keeps flashing	Aircraft battery is low	Charge the battery or replace it with a fully charged battery
The prooeller of the aircraft keeps turning but cannon take off	(1) Propeller derormation (2) The battery of the aircraft is low	(1) Replace the propeller (2) Charge the battery or replace a fully charged battery
The aircraft is very vibrating	Propeller deformation	Replace the propeller
The aircraft always drifts in one direction	The center point of the gyro on the aircraft is wrong	Recalibrate of restart
The aircraft can't balance after falling	The center point of the gyro on the aircraft is wrong	Recalibrate or restart

## FCC Statement

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.

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## Documents / Resources



[HOSHI A16 Max Collapsible Quadcopter](#) [pdf] User Guide

2BD3V-A16MAX, 2BD3VA16MAX, a16max, A16 Max Collapsible Quadcopter, A16 Max, Quadcopter, A16 Max Quadcopter, Collapsible Quadcopter, Mini Drone, Drone, A16 max Drone



## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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