

**ZEROZERO  
ROBOTICS  
HOVERAir  
Beacon and  
JoyStick**



# ZEROZERO ROBOTICS HOVERAir Beacon and JoyStick User Guide

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**ZEROZERO**  
R O B O T I C S

**ZEROZERO ROBOTICS HOVERAir Beacon and JoyStick**



## Description of Main Parts

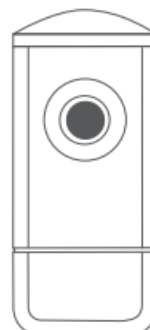
Beacon



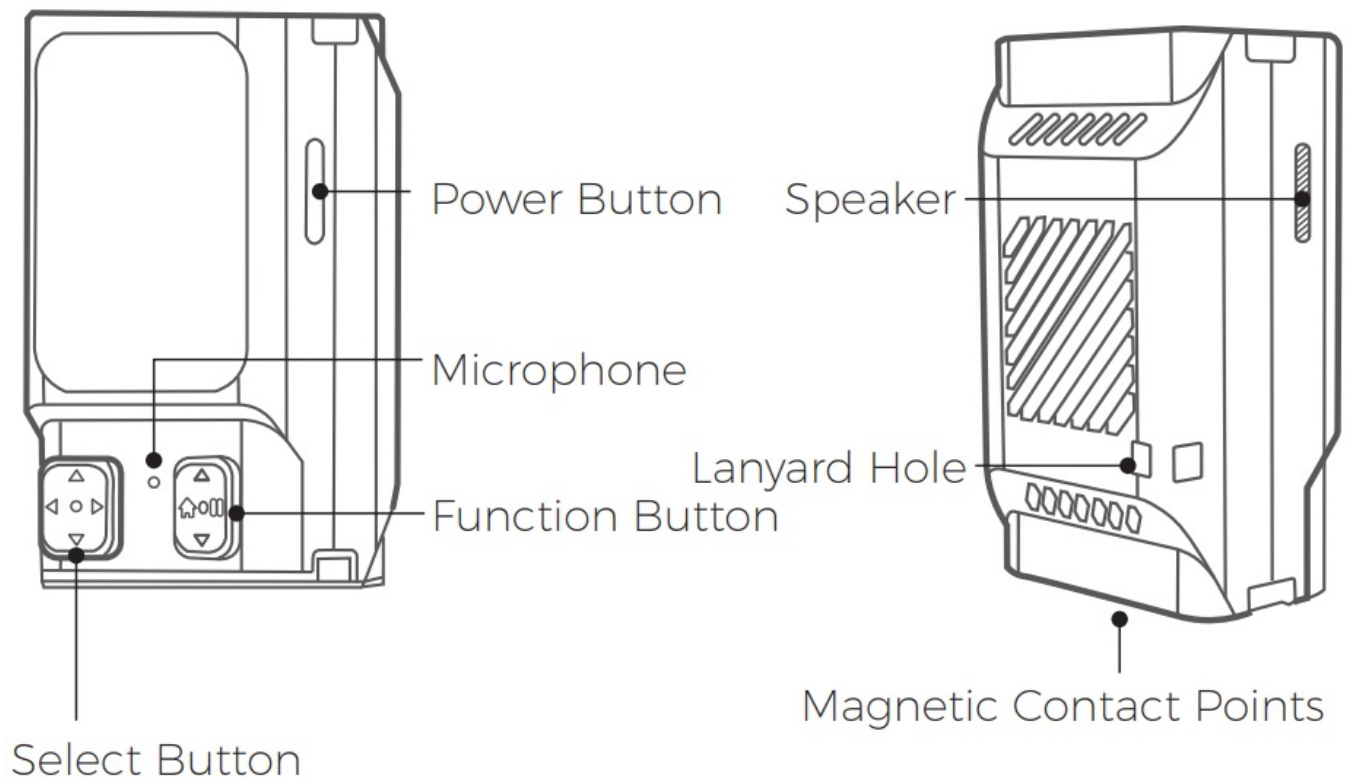
JoyStick A



JoyStick B



## Beacon Mode



- **Power Button**

- **Press and hold:** Power On/Off

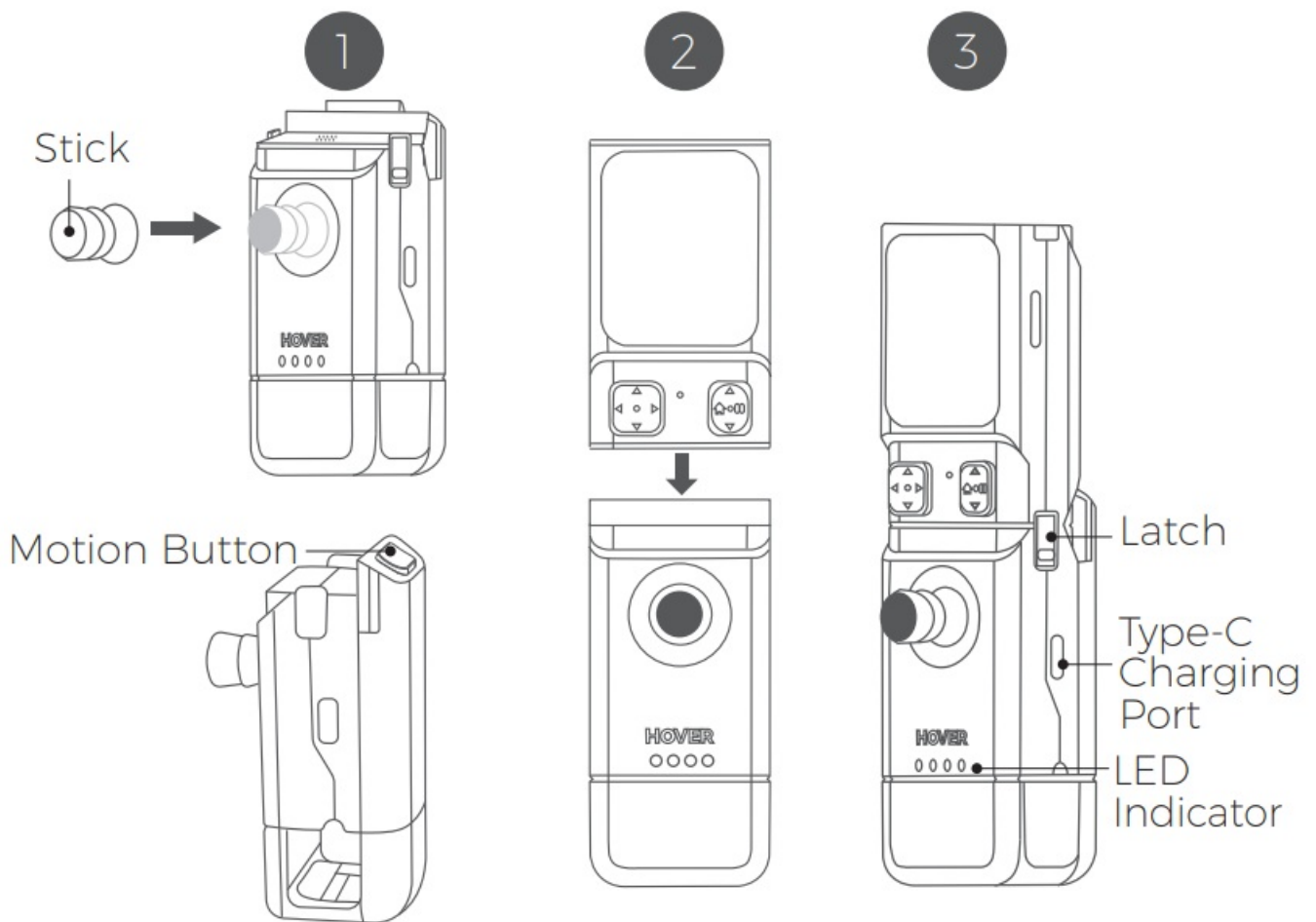
- **Function Button**

- **Short Press:** After the flying camera brakes, short press to switch to manual control
- **Long press:** Return/Land The flying camera will return or land, depending on the distance

- **Select Button**

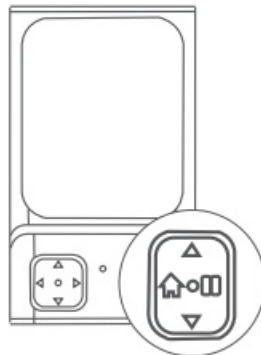
- **Short Press:** After the flying camera brakes, short press to switch to manual control

## One-handed Controller



## Function Button

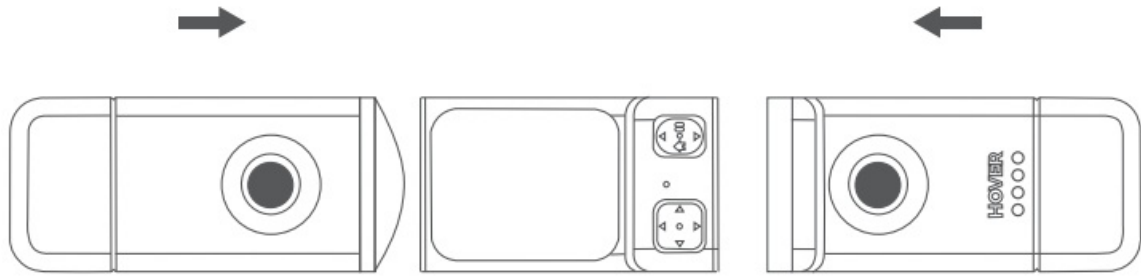
Move Upward/Downward: Adjust the gimbal tilt under manual control



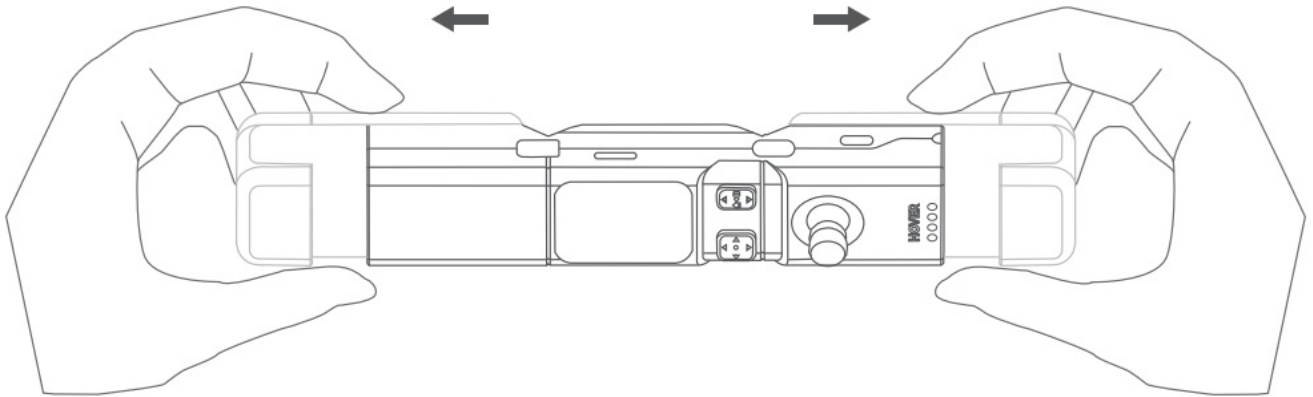
- **Stick**
  - Control the movement of flying camera
- **Motion Button**
  - Motion Button: Used to control the flying camera with gestures
- **LED Indicator**
  - JoyStick A Battery Indicator
- **Type-C Charging Port**
  - JoyStick A Charging Port

## Two-handed Controller

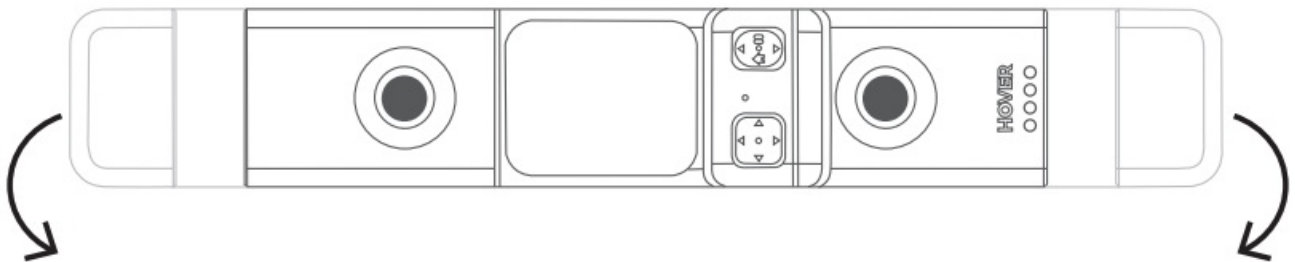
1. Insert JoyStick A and JoyStick B. Make sure they are securely attached to the Beacon.



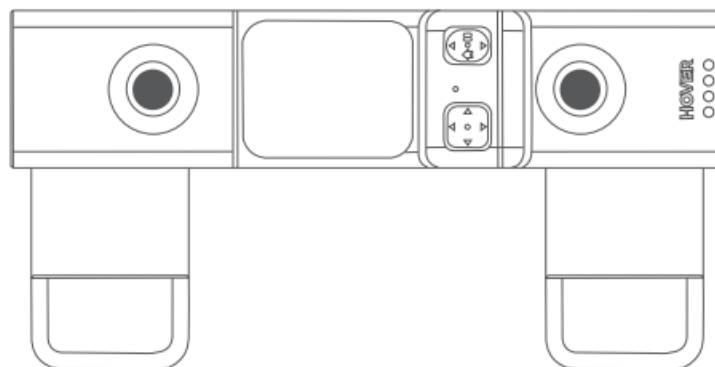
2. Pull the holders behind the JoySticks outward.



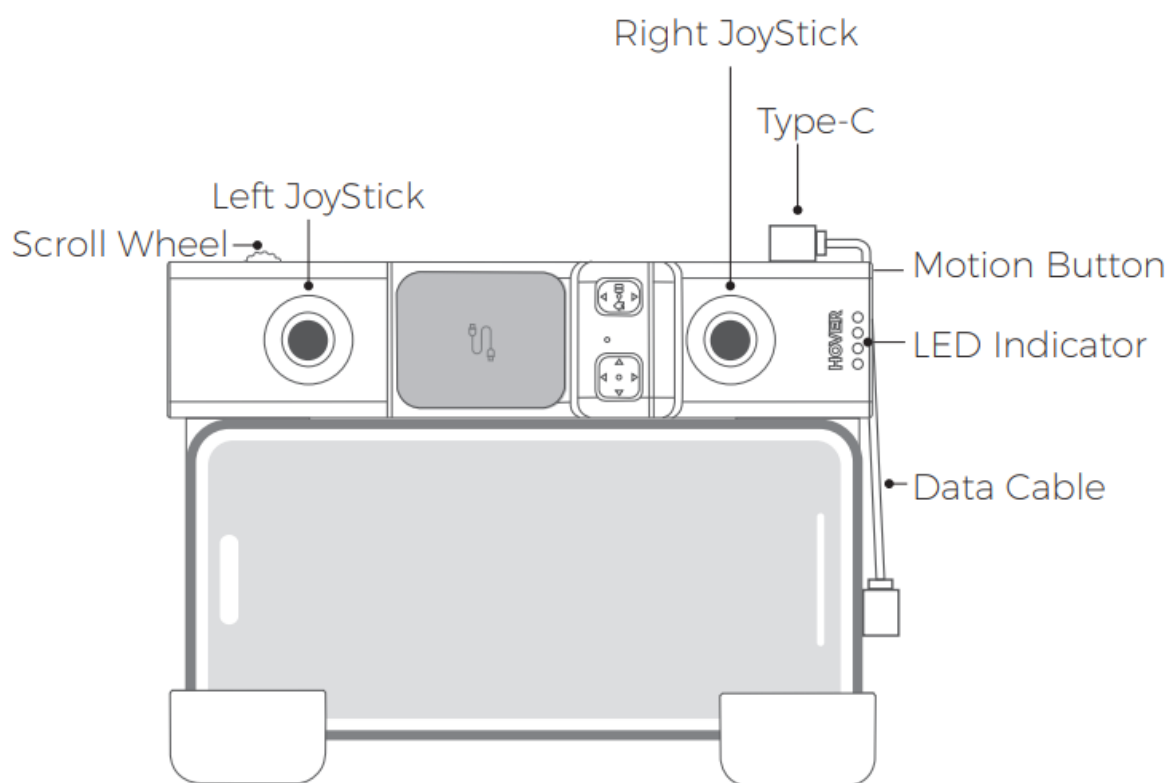
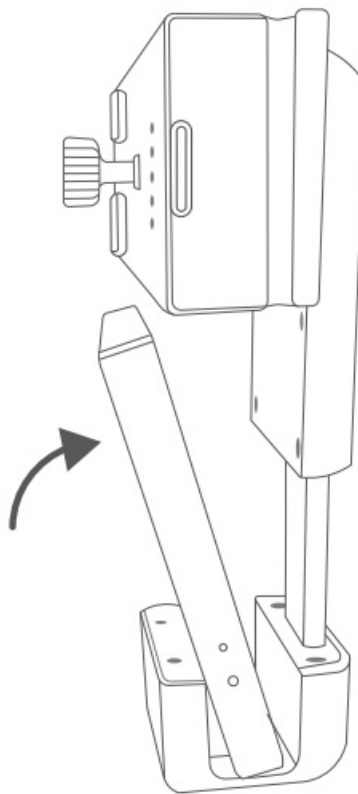
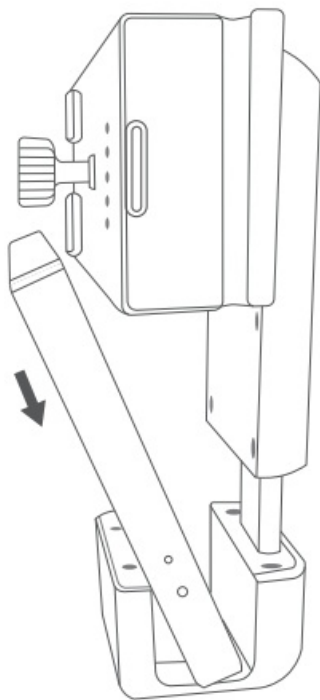
3. When the holder is fully extended, gently rotate it downward.



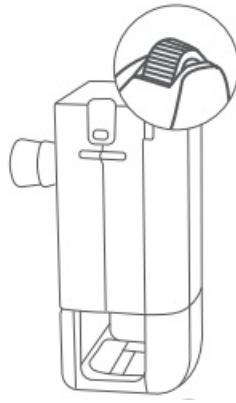
4. Until the JoyStick is in L-shape and slides to a fixed position.



5. Pull down the holders and use your phone as display.

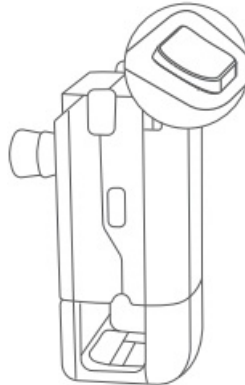


- **Scroll Wheel**
  - Adjust the Gimbal tilt under Manual Control



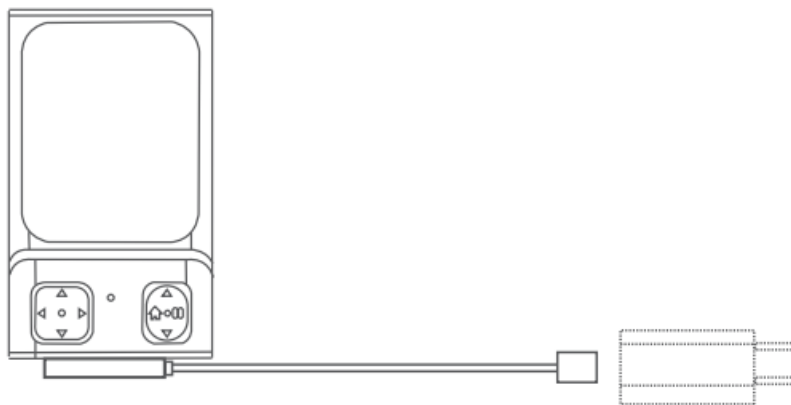
- **Motion Button**

- Take Photo, Start/Stop Recording

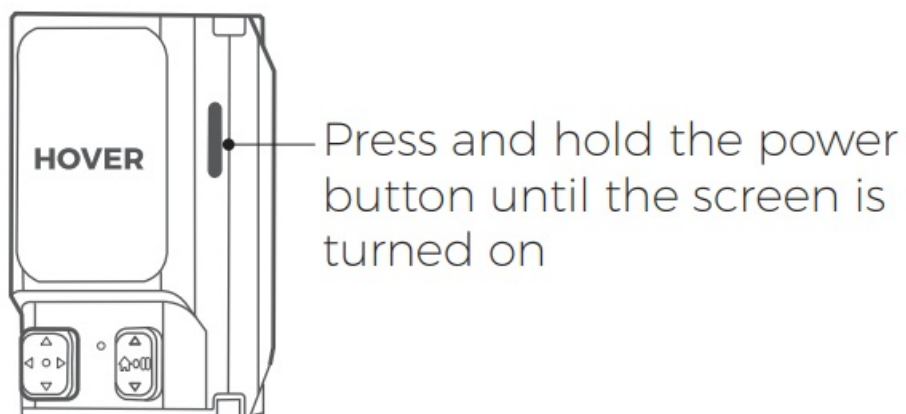


## First Use

### 1. Charging



### 2. Power On



- Follow the on-screen instructions to activate the OLED Smart Transmission Beacon.

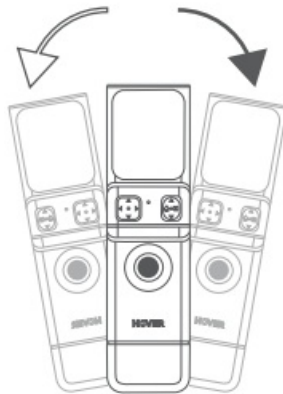
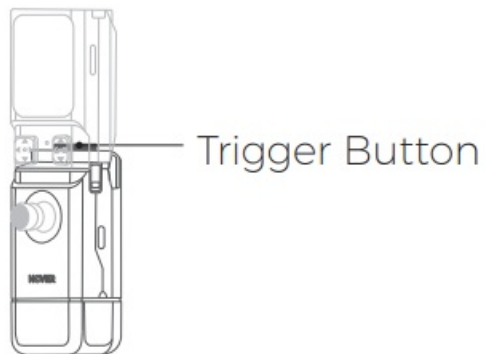
### 3. Connect the flying camera



Press and hold the power button of the flying camera to turn it on

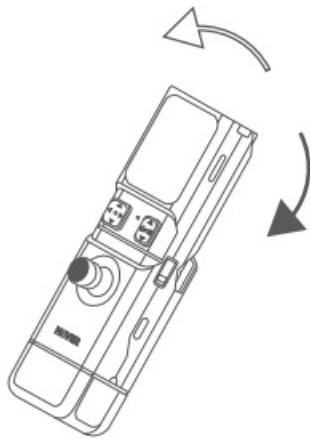
- Follow the on-screen instructions to connect the activated flying camera.

### Motion Control

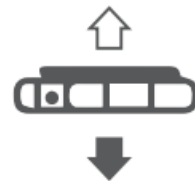
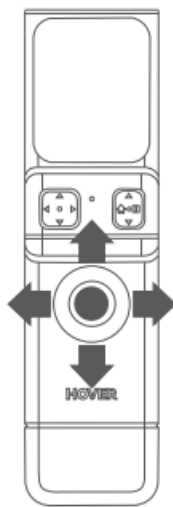


- Press and hold the Trigger button to start the gesture control. The JoyStick tilts to the left and the flying camera flies to the left horizontally.
- Press and hold the Trigger button to start the gesture control. The JoyStick tilts to the right and the flying camera flies to the right horizontally.





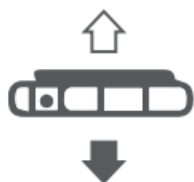
- Press and hold the Trigger button to start the gesture control. The JoyStick tilts forward and the flying camera flies forward horizontally.
- Press and hold the Trigger button to start the gesture control. The JoyStick tilts backward and the flying camera flies backward horizontally.



- Move the JoyStick upward and the flying camera flies upward.
- Move the JoyStick downward and the flying camera flies downward.
- Move the JoyStick to the left and the flying camera will turn left.
- Move the JoyStick to the right and the flying camera will turn right.

## Two-handed controller

Left JoyStick      upward



downward



rotating left      rotating right

Right JoyStick      forward



backward







left      right

The illustration displays the two-handed controller in the default operation mode (model 2). You can change the controller mode in the system settings.

## land








In manual control mode, pull the stick all the way down until the flying camera hovers just above the ground. Keep holding the stick in the lowest position until the drone automatically lands.

## Icon Description

| Icon  | Description                        |
|---|------------------------------------|
|  | Beacon battery level               |
|  | HoverLink connected <sup>[1]</sup> |
|  | Transmission Signal Strength       |
|  | Video sound recording is on.       |

[1] When the HoverLink icon is on, the flying camera will use the beacon's position to assist with target tracking in Follow Mode.

## JoyStick A LED Indicator Description

| Status                                       | LED indicator  |
|--|--|
| Battery Level 0%~25%                         |  |
| Battery Level 25%~50%                        |  |
| Battery Level 50%~75%                        |  |
| Battery Level 75%~100%                       |  |
| 30 minutes after charging completion         |  |
| Unable to charge due to abnormal temperature |  |
| Charging Error                               |  |

## Specification

- **Beacon size** 65mm×38mm×26mm
- **JoyStick A size** 86mm×38mm×33mm
- **JoyStick B size** 90mm×38mm×33mm
- **Screen** 1.78" OLED Screen
- **Working environment temperature** -20°C~40°C
- **Mobile device width** Supports up to 82mm
- **Connectivity with mobile devices** Type-C to Lightning Cable Type-C to Type-C Cable
- **Charging method** Magnetic charging cable Type-C (Connection JoyStick A)
- **Battery life** Up to 120 minutes

## Certification information

### To check certification:

- Swipe down from the homepage – System Settings Certification Information

## Precautions

1. Please make sure that the firmware of this product has been updated to the latest version when using it.
2. his product is recommended to be used with official charger and data cable when charging. Charging with adapters or data cables other than those recommended may result in slow charging, inability to charge and other phenomena, as well as unknown safety hazards and other risks.
3. It is strictly prohibited to disassemble, puncture, impact, crush, short-circuit and burn this product.
4. Do not subject this product to impact, electric shock or prolonged exposure to sunlight. Store the product in a

cool, dry place protected from direct sunlight.

5. Do not allow this product to come into contact with rain or other liquids. If the product comes into contact with water, dry it with a soft, absorbent dry cloth. Do not use alcohol, benzene, thinners or other flammable substances to clean this product. Do not store the product in damp or dirty places.

## Disclaimer

Before using the Beacon and JoyStick, please carefully read this Quick Start Guide. Failure to do so may cause harm to you or others, as well as damage to this product or other nearby objects. By using this product, you are considered to have read this document thoroughly and to understand, acknowledge, and accept all its terms and contents. You agree to take full responsibility for the use of this product and any consequences it may cause. Zero Zero Technology is not liable for any damage, injury, or legal responsibilities resulting from the direct or indirect use of this product. The right of interpretation and modification of this Quick Start guide belongs to Shenzhen Zero Zero Infinite Technology Co. This manual is updated without prior notice. You can scan the QR code to download the APP for more information.

## Scan the QR code to view more tutorials



## Apply for Warranty Service

Product Name : \_\_\_\_\_ User Name: \_\_\_\_\_

Product S/N : \_\_\_\_\_ Phone Number: \_\_\_\_\_

Dealer : \_\_\_\_\_ Date of Purchase : \_\_\_\_\_

Contact Address : \_\_\_\_\_

The warranty period of this product is counted from the day you receive the goods, if you can not provide a valid proof of purchase, the starting date of the warranty will be deferred by 90 days from the date of shipment of the machine, or by Zero Zero Technology, if the last day of the warranty period is a legal holiday, the next day of the holiday will be the last day of the validity period. ("we" or "Zero Zero technology") confirms that if the above parts of the product have performance failure caused by its own quality problem, the user can repair it free of charge; if the above warranty period is exceeded or within the above warranty period, the user can repair the product free of charge. After the above warranty period or within the above warranty period, if the above components of the product have performance failure not caused by its own quality problem, the user can apply for paid repair. Zero Zero Technology will only be responsible for the shipping cost of the free repair to the location specified by the user.

## The following are not covered by the free warranty:

The failure or damage of the product caused by the failure to provide legal and valid purchase vouchers or documents, or forged or altered documents; labels, machine serial numbers, waterproof tamper-evident markings and other markings are torn or altered, blurred and unrecognizable; failure or damage caused by irresistible factors (such as fire, earthquake, flood, etc.); man-made non-products of the quality of the product itself caused by

the accident of collision, burnt, flying lost; and the use of third-party parts not certified by Zero2Zero Technology at the same time, reliability and compatibility problems occur when using the product. Damage caused by reliability and compatibility problems when used together with non-ZeroTech certified third-party components; failure to send the corresponding object within 7 natural days after contacting ZeroTech to confirm the warranty service; and other performance failures recognized by ZeroTech as not caused by the product's own quality problems.

## **FCC**

### **FCC Caution**

#### **Labeling requirements.**

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.

#### **Information to user.**

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

#### **Information to the user.**

Note: 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction. Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

### **ISED Caution**

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

#### **Operation is subject to the following two conditions:**

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

## FAQs


- **Q: How do I charge the Beacon and JoyStick controllers?**

- A: Use the specified charging cables provided (Type-C to Lightning Cable, Type-C to Type-C Cable, or Magnetic charging cable) to charge the devices. Ensure the charging ports are clean and free from debris before connecting the cables.

- **Q: What is the battery life of JoyStick A?**

- A: JoyStick A has a battery life of up to 120 minutes. The LED indicator on JoyStick A displays different battery levels for easy monitoring.

## Documents / Resources

|   |   |
|---|---|
|  | <a href="#">ZEROZERO ROBOTICS HOVERAir Beacon and JoyStick</a> [pdf] User Guide<br>ZZ-H-2-001, 2AIDW-ZZ-H-2-001, 2AIDWZZH2001, HOVERAir Beacon and JoyStick, HOVERAir Beacon, HOVERAir JoyStick, JoyStick, Beacon |
|---|---|

## References

- [User Manual](#)

### Manuals+, Privacy Policy

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