

## ► 12.7 Return to Home (RTH)

The Return to Home (RTH) function brings the drone back to the last recorded Take-Off Point. **This function can only be achieved in GPS mode.**


There are three types of RTH:

**Smart RTH/Low-Battery RTH/Failsafe RTH.**

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### 12.7.1 Smart RTH

Press the Return to Home button () on your transmitter, and the transmitter will start beeping.

Your drone will return to the Take-Off Point. Press the button () again to stop RTH procedure. Push the throttle joystick down to land the drone on a safe area.

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### 12.7.2 Low-Battery RTH

Low-Battery RTH is triggered when the flight battery level is low. When Low-Battery RTH is activated, the drone will fly back to where you are from about 100 feet, and you can still control your drone. Push the throttle down to land the drone in a safe area. When the power of drone is completely empty, drone will return to the TakeOff point where you set.

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### 12.7.3 Failsafe RTH

Drone will enter Return to Home Mode if the signal between the drone and the transmitter lost. The drone will fly back to where you are from about 100 feet, and the drone will rebind to the transmitter by itself. When the drone flies back into your view, you can control it again.



- **This drone is NOT equipped with obstacle-avoidance.**
- **Do not push the Direction Stick when entering Low-Battery RTH, if push will make return flight invalid, the drone has the risk of losing.**

## 13.0 SPECIFICATIONS

### DRONE

Model: HS110G

Weight: 176g/6.2oz

Max Flight Time: 13 minutes (per battery)

Motor Model: 1020

Operating Temperature Range: 32° to 104°F

Dimensions: 306 x 193 x 91 mm

### TRANSMITTER

Operating Frequency: 2.4 GHz

Max Flight Distanc: 984 feet (outdoors and unobstructed)

Battery Type: 3.7V 300mAh Li-Po battery

Charging Time: about 60 mins

Operating Temperature Range: 32° to 104°F

### DRONE BATTERY

Capacity: 1500 mAh

Voltage: 3.7 V

Battery Type: Li-Po

Charging power: 5~10W

Charging Temperature Range: 41° to 104°F (5° to 40°C)

Charging Time: about 180 mins

## **CAMERA**

Photo Resolution: HD2048×1152P (stored in TF card)

HD2048×1152P (stored on mobile phone)

Video Resolution: HD2048×1152P (stored in TF card)

HD1280×720P (stored on mobile phone)

Lens: FOV 110°/2.0

Max Transmission Distance: 492 feet (outdoor and unobstructed)

Photo Formats: JPEG

Video Formats: AVI

Transmission Frame Rate: 25 fps

Supported TF Cards: Supports a TF Card with a capacity of up to  
128 GB (Not included)

Operating Temperature Range: 32° to 104°F

## **USB CHARGING CABLE**

Voltage: 5 V

Rated Power: ≤10 W

## 14.0 TROUBLE SHOOTING

Problems	Reasons	Solutions
Drone flashes and don't respond to the transmitter during operation.	<ol style="list-style-type: none"> <li>1. Transmitter is not paired to the drone.</li> <li>2. Insufficient battery power.</li> </ol>	<ol style="list-style-type: none"> <li>1. Refer to the Manual and re-pair the drone.</li> <li>2. Recharge the battery.</li> </ol>
The propellers spin, but the drone cannot take-off.	<ol style="list-style-type: none"> <li>1. Insufficient battery power.</li> <li>2. The propellers are installed in wrong orientation.</li> <li>3. The propellers are distorted.</li> </ol>	<ol style="list-style-type: none"> <li>1. Recharge the battery.</li> <li>2. Install the propellers in right orientation.</li> <li>3. Replace the propellers.</li> </ol>
The drone shakes heavily.	The propellers are distorted.	Replace the propellers.
Drone cannot stay balanced in flight.	<ol style="list-style-type: none"> <li>1. The propellers are distorted.</li> <li>2. The motor doesn't work properly.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace the propellers.</li> <li>2. Replace the motor.</li> </ol>
Drone is unstable after crashing.	Four-axis acceleration sensor loses it's balance after crashing.	Restart and re-calibrate the drone.

## 15.0 CONTACT US

Please do not hesitate to contact us if you need further support.

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[ca@holystone.com](mailto:ca@holystone.com) (Canada)  
[eu@holystone.com](mailto:eu@holystone.com) (Europe)  
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☎ +1(855) 888-6699



For online support, please scan this code with Live Chat

## 16.0 GENERAL INFORMATION

FCC Notice:

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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.

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

#### RF Exposure

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with minimum distance 20cm between the radiator & your body.

#### IC Notice:

This device complies with Canada Industry licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference; and
- (2) this device must accept any interference. Including interference that may cause undesired operation of the device.

#### CAN ICES-3 (B)

##### Avis d'Industrie Canada

Le présent appareil est conforme aux CNR d'industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- 1) l'appareil ne doit pas produire de brouillage; et
- 2) l'utilisateur de l'appareil doit accepter le brouillage radioélectrique subi même si le brouillage est susceptible d'en compromettre le fonctionnement. mauvais fonctionnement de l'appareil. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

CAN NMB-3 (B)

RF Exposure

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

#### HOW TO RECYCLE THIS PRODUCT

This symbol on the product or its documentation indicates that it must not be disposed of with household waste.

Uncontrolled waste disposal may harm the environment or human health.

Please separate your device from other types of waste to recycle it responsibly.

This will help to foster the sustainable re-use of material resources.

We suggest you contact your retailer, inquire at your local town hall or business store to find out where and how the drone can be recycled.



#### BATTERY WARNING:

1. Failure to follow all the instructions may result in serious injury, irreparable damage to the battery may cause a fire, smoke or explosion as well.
2. Always check the battery's condition before charging or using it.
3. Please replace the battery if the battery is dropped or has any peculiar smell, overheating, discoloration, deformation or leakage happens.
4. Never use anything other than the approved LiPo charger to charge the battery. Always use a balancing charger for LiPo cells or a LiPo cell balancer. It is recommended that you use the one provided with the product.
5. The battery temperature must never exceed 60°C (140°F) otherwise the battery could be damaged or ignited.
6. Never charge the battery on a flammable surface, near flammable products or inside a vehicle (preferably place the battery on a non-flammable and non-conductive surface).
7. Never leave the battery unattended during the charging process. Never disassemble or modify the housing's wiring, or puncture the cells. Always ensure that the charger output voltage corresponds to the voltage of the battery. DO NOT short circuit the batteries.
8. Never expose the Li-Po battery to moisture or direct sunlight, or store it in a place where temperatures could exceed 60°C (car in the sun, for example).
9. Always keep it out of reach of children.
10. Improper battery use may result in a fire, explosion or other hazards.
11. Non-rechargeable batteries are not allowed to be recharged. Rechargeable batteries should be charged under adults' supervision.
12. DO NOT mix different types of batteries including the new and used ones.



13. Batteries must be inserted with the correct polarity.
14. The supply terminals must not be short-circuited. Regular examination of transformer or battery charger for any damage to their cords, plugs, enclosures and other parts must be done. If there is damage, they must not be used until the damage has been repaired.
15. The packaging has to be kept since it contains important information.
16. This toy should only be connected to the equipment with symbol Class

II. 

EU RF Power(EIRP): <16 dBm (2413MHz ~ 2461 MHz)

### **Caution**

- 1.The max operating of the EUT is 45°C, and shouldn't be lower than -10°C.
- 2.The device complies with RF specifications when the device used at 0mm from your body.
- 3.Declaration of Conformity.

We, Xiamen Huoshiquan Import & Export CO.,LTD hereby, declare that the compliance of the essential requirements with the Directive 2014/53/EU, the RoHS Directive 2011/65/EU and Safety Directive 2009/48/EC have been fully fulfilled on our product with indication below:

Product Name: Remote control four axis series

Model/Mark : HS110G/HOLYSTONE

The Statement of compliance is available at the following address:

[http://www.holystone.com/docs/HS110G\\_EU\\_DOC.pdf](http://www.holystone.com/docs/HS110G_EU_DOC.pdf)

This product can be used among EU member states.

## MANUFACTURER INFORMATION

Manufactured by

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**Made in China**