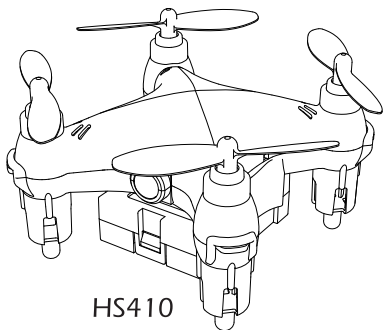





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Instructions For Use Gebrauchsanweisungen

V1.0



 +1(855) 888-6699

 www.holystone.com



usa@holystone.com (USA)
ca@holystone.com (CA)

eu@holystone.com (EU)

English

01-24

Deutsch

25-46

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1.0 DISCLAIMER & WARNING

1. Please read this Disclaimer & Warning and Safety Guidelines carefully before using our product. This product is not recommended for people under the age of 14. By using this product, you hereby agree to this disclaimer and signify that you have read it fully. You agree that you are responsible for your own conduct and any damaged caused while using this product, and its consequences . You agree to use this product only for purposes that are proper and in accordance with local regulations, terms and all applicable polices and guidelines Holy Stone may make available.

2. When using this product, please be sure to strictly abide by the specification requirements and safety guidelines stated in this document. Any personal injury property damage, legal disputes and all other adverse events caused by the violation of the safety instructions or due to any other factor, WILL NOT be Holy Stone's responsibility.

2.0 SAFETY GUIDELINES

2.1 Check Before Use

- ① This product is a high precision drone that integrates various electronic stability and control mechanisms. Please be sure to setup this drone carefully and correctly to ensure safe, accident-free operation.
- ② Please be sure that the batteries of the drone and transmitter are clean, undamaged and, fully charged.
- ③ Please be sure that all the propellers are undamaged and are installed in the correct orientation.

④ Please do a thorough check of the product before each use. Inspect the integrity of the parts, any signs of cracks and wear of the propeller, battery power and effectiveness of the indicator, etc. If after doing a complete check any issues are found, please refrain from using the product until the issue has been resolved.

2.2 Flight Environment



Fly in Open Areas

**Maintain Line
of Sight**

**Fly Below
98 feet (30 m)**



Avoid flying over or near obstacles, crowds, high voltage power lines, trees, airport or bodies of water.

DO NOT fly near strong electromagnetic sources such as power lines and base stations as it may affect the onboard compass.



Don't use this drone in adverse weather conditions such as rain, snow, fog, and wind.

2.3 Operation Requirements

- ① Please don't use this product to follow any moving vehicles .
- ② During the flight, only turn off the motor in case of an emergency.
- ③ Please flight the drone back to you as soon as possible when the battery is running low.
- ④ This product should not be used while drinking alcohol, if you are feeling fatigued, taking medicine, or feeling any physical discomfort.
- ⑤ Beware of the noise volume the drone produces. Keep your distance to avoid ear damage.



⑥ Stay away from the rotating propellers and motors.

⑦ Don't fly in the No-Fly Zone.

2.4 Use of Battery

- ① Please ensure batteries are fitted in the correct orientation as shown in the instruction manual.
- ② Avoid short circuits by fitting the batteries incorrectly, and do not crush or squeeze the batteries as this could carry the risk of an explosion.
- ③ Do not mix new and old batteries as this can lead to a poor performance of the product.
- ④ Dispose used batteries carefully, do not litter.
- ⑤ Please keep dead batteries away from heat and fire.
- ⑥ If the device is not going to be used for an extended period of time, remove batteries to prevent potential damage from battery leakage.

- ⑦ It is recommended to only use the USB charging cable that comes with the drone to charge the battery.
- ⑧ Don't connect the battery directly to wall outlets or car cigarette-lighter sockets.
- ⑨ Don't attempt to disassemble or modify the battery in any way.
- ⑩ Don't use the battery if it gives off an odor, generates heat, becomes discolored or deformed, or appears abnormal in any way. If the battery is in use or being charged, remove it from the device or charger immediately and discontinue use.
- ⑪ Don't pierce the battery casing with a nail or other sharp object, break it open with a hammer, or step on it!
- ⑫ Always charge the batteries in a fireproof container and away from combustible materials. Don't charge on surfaces that can catch fire. This includes: wood, cloth, carpet, or in the application's device.
- ⑬ Don't immerse the battery in water or allow it to get wet.
- ⑭ Don't solder battery terminal directly.
- ⑮ Keep battery out of reach of children or pets.
- ⑯ Don't short-circuit the battery by connecting wires or other metal object to the positive(+) and negative(-) terminals.



Li-Po Battery Disposal & Recycling


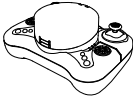





Waste Lithium-polymer batteries must not be placed with household trash.
Please contact local environmental or waste agency or the waste agency
or the supplier of your model or your nearest Li-Po battery recycling center.



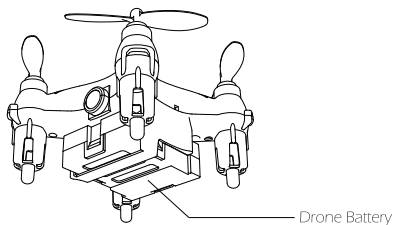
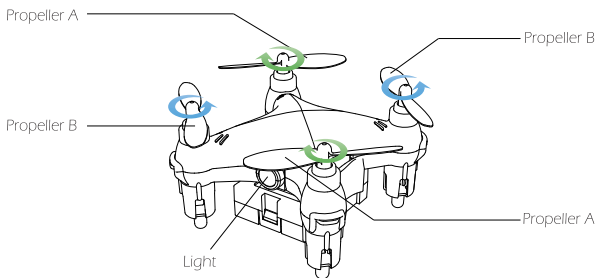
3.0 MAINTENANCE

- ① Clean the product after each use with a clean, soft cloth.
- ② Avoid prolonged exposure to direct sunlight and avoid buildup of heat on the drone.
- ③ This device is not waterproof and must not be submerged in water under any circumstance. Failure to maintain the device completely dry will result in the failure of the unit.
- ④ Check the charging plug and other accessories for signs of damage frequently. If any part of the device is damaged, refrain from flying until maintenance can be carried out.

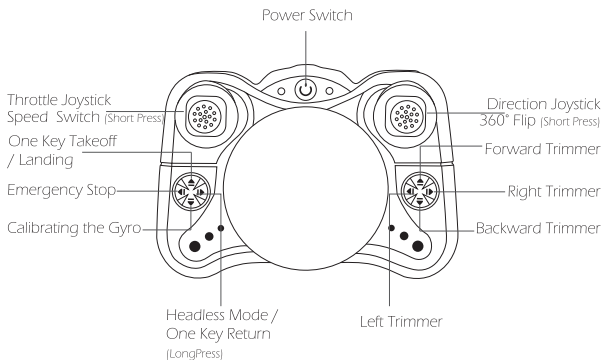
4.0 PACKAGE CONTENTS

 <p>× 1</p>	 <p>× 1</p>	 <p>× 1</p>
<p>Drone</p>	<p>Transmitter</p>	<p>Drone Battery</p>
 <p>× 1</p>	 <p>× 4</p>	 <p>× 1</p>
<p>USB Charging Cable</p>	<p>Propellers</p>	<p>Propeller Guard</p>
 <p>× 1</p>		
<p>Instructions For Use</p>		

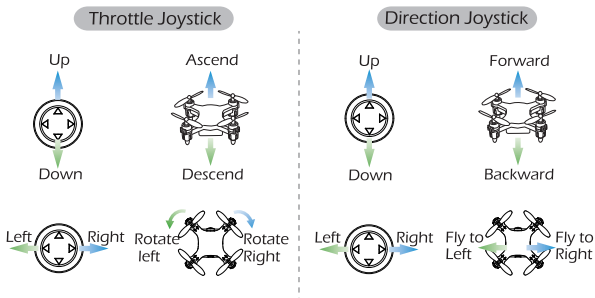
5.0 DRONE'S DETAILS



6.0 TRANSMITTER FUNCTIONS

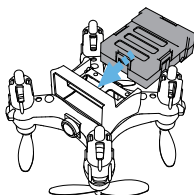


7.0 FLIGHT CONTROL



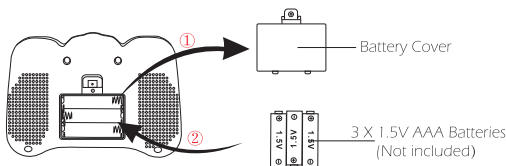
8.0 INSTALLATION

8.1 Drone Battery



Push the battery into the battery compartment, make sure that you hear a click sound indicating the battery is firmly installed.

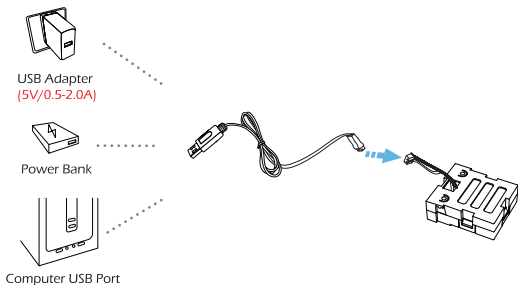
8.2 Transmitter Battery




Open the battery cover on the back of the transmitter, insert three AAA batteries (**not included**) into the battery compartment, and close the battery cover to complete the installation.

⚠ When installing the battery, please pay attention to the positive and negative polarity of the battery to ensure the correct installation of the battery.

9.0 CHARGING

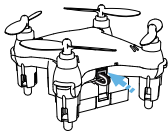


- 1) When the drone battery runs low, the indicator lights on the drone will blink continuously. After about 40 seconds, the drone will land automatically.
- 2) Remove the battery and connect the USB charging cable to the battery charging interface.
- 3) Plug the USB charging cable into a USB charging port on the computer, power bank or USB adapter (5V / 0.5 to 2.0A).
- 4) The red indicator light on the USB charging cable will turn on when the battery is charging, and will turn off when the battery is fully charged.
- 5) Charging time: about 30 minutes.

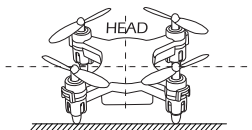
 Before charging, please check the contents of the “ **Use of Battery**” section of the “ **Safety Guidelines**” carefully!

10.0 OPERATION GUIDE

10.1 Pairing



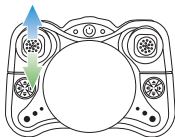
① Connect the battery port access to the fuselage power port.



② Place the drone on a flat and level surface with the head forward and the tail towards the pilot.

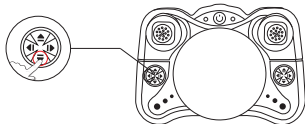


③ Press and hold the Power Switch button to power on the transmitter.



④ Push the throttle joystick up then down to pair the drone with the transmitter. The indicator lights on the drone will turn solid if the drone is paired successfully.

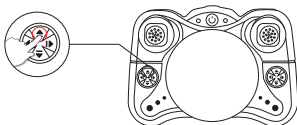
10.2 Calibrating the Gyro



Press the Calibrating the Gyro button to calibrate the gyroscope of drone, and you will hear a “Di”. Once the indicator lights start to flash rapidly, the gyroscope is being calibrated. When the lights turn solid, calibration is complete.

Tips: To ensure a stable flight, we suggest that the pilot calibrates the gyro every time after pairing the drone and after a crash.

10.3 One Key Takeoff / Landing

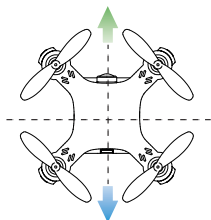


After pairing/ calibration, press the One Key Takeoff / Landing button, the drone will automatically take off and hover at 5 feet altitude. At this time, you can control this drone by using the joysticks.

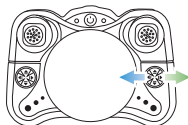
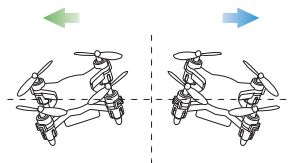
Press the One Key Takeoff / Landing button again, the drone will land on the ground by itself .

11.0 FUNCTION DETAILS

11.1 Trimmer

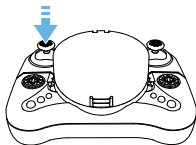


F/B Sideward Fly Trim : If the drone drifts forward, press the Backward Trimmer button to re-balance the drone. If the drone drifts backward, press the Forward Trimmer button to re-balance the drone.



L/R Sideward Fly Trim: If the drone drifts left, press the Right Trimmer button to re-balance the drone. If the drone drifts to right, press the Left Trimmer button to re-balance the drone.


11.2 Speed Switch

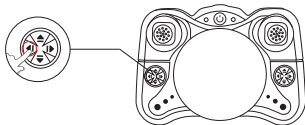


This drone comes with 3 speed modes (Low/ Medium/ High). Press the Left Joystick to switch the speed. Increase or decrease one speed at a time. “Di” indicates Low Speed. “Di Di” indicates Medium Speed and “Di Di Di” indicates High Speed.

(The Low Speed is default speed mode.)

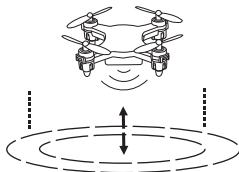
11.3 Emergency Stop

 The Emergency Stop function can be only used in case of emergency during the flight to avoid any of damage or injury.



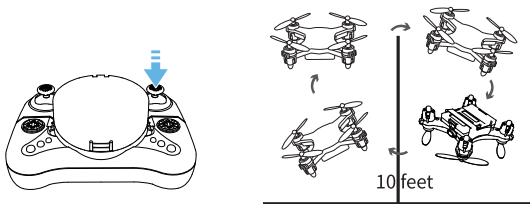
As shown in the figure above, long press the Emergency Stop button for about 2 seconds, the motors will stop immediately.

11.4 Altitude-hold



The drone is designed with altitude-hold function so the drone can maintain its altitude after you release the left stick (the left stick will automatically spring back to the middle).

11.5 360° Flip

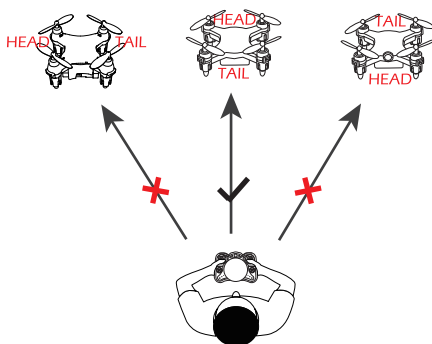


When you get familiar with all the functions of the drone, you can try this amazing flip mode. When you fly the drone at least 10 feet, press the the Right Joystick, then push the right joystick Forward/ Backward or Left/ Right, and the drone will do a flip towards the corresponding direction.

Tips: This function will perform better when the battery is fully charged.

11.6 Headless Mode

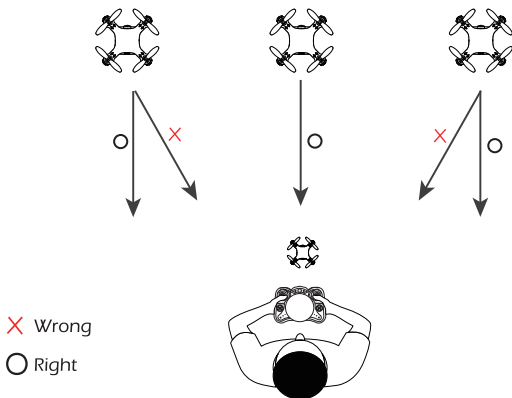
1. After pairing/calibration, press the Headless Mode button on the transmitter, and you will hear the “Di Di Di” sound from the transmitter. The indicator lights on the drone continue to flash to indicate that it is in Headless Mode.
2. Press the Headless Mode button again, and you will hear a beep, the indicator lights on the drone will turn solid which indicates the drone exits the Headless Mode.



Please make sure the pilot to stay in the same orientation as the drone head faces when the drone is pairing.

Under Headless Mode, the forward direction is the direction that the head of drone faces when the drone is pairing. In order to make sure the pilot can tell drone's direction, we recommend that pilots to stay in the same orientation as the drone's head faces when the drone is pairing. When the pilot pushes the direction joystick forward, the drone will fly forward. If the pilot pushes the direction joystick backward, the drone will fly towards him/her. If the pilot move the right stick left/right, the drone will move left/right relative to you.

11.7 One Key Return



Please make sure the pilot to stay in the same orientation as the drone head faces when the drone is pairing.

Long press the One Key Return button, the drone will return in the direction of which the tail of the drone faced when paired. The indicator lights on the drone continue to flash to indicate that the drone is under One Key Return Mode.

Long press the same button again or push the right joystick up or down to exit One Key Return Mode. At this time, the indicator lights on the drone will turn solid.

 **The drone has NO obstacle avoidance function.**

12.0 SPECIFICATIONS

- **DRONE**

Model: HS410

Weight: 19 g/ 0.67 oz

Flight Time: 7~8 minutes (single battery)

Motor Model: 612

Operating Temperature Range: 32° to 104°F (0° to 40°C)

Dimensions: 115 x 80 x 45 mm

- **TRANSMITTER**

Operating Frequency: 2.4 GHz

Transmission Distance: 98 feet / 30m (outdoors and unobstructed)

Operating Temperature Range: 32° to 104°F (0° to 40°C)

Battery: 1.5V AAA Battery (not Included)

- **DRONE BATTERY**

Capacity: 220 mAh

Voltage: 3.7 V

Battery Type: Li-Po Battery

Charging Temperature Range: 14° to 104°F (-10° to 40°C)

Charging Time: 30 minutes (depends on charging power and remaining battery power)

- **USB CHARGER**

Voltage: 5 V

Rated Power: ≤10 W

13.0 CONTACT US

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

✉ usa@holystone.com (America)
ca@holystone.com (Canada)
eu@holystone.com (Europe)

☎ +1(855) 888-6699

14.0 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'empêcher le 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 invite you to contact your retailer or inquire at your local town hall 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 and may cause a fire, smoke or explosion.
2. Always check the battery's condition before charging or using it.
3. Replace the battery if it has been dropped, or in case of odour, overheating, discolouration, deformation or leakage.
4. Never use anything other than the approval LiPo charger the battery. Always use a balancing charger for LiPo cells or a LiPo cell balancer. It is recommended that you do not to use any other charger than the one provided with the product.
5. The battery temperature must never exceed 60°C(140°F) otherwise the battery could be damaged or ignite.

6. Never charge on a flammable surface, near flammable products or inside a vehicle(preferably place the battery in a non-flammable and non conductive container).
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 hazard.
11. Non-rechargeable batteries are not to be recharged. Rechargeable batteries are only to be charged under adult supervision.
12. Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable batteries.
13. Batteries are to be inserted with the correct polarity.
14. The supply terminals are not to be short-circuited. Regular examination of transformer or battery charger for any damage to their cord, plug, enclosure and other parts and they must not be used until the damage has been repaired.
15. The packaging has to be kept since it contains important information.
16. The toy is only to be connected to Class II equipment bearing the symbol.



EU RF Power(EIRP): 22.75dBm (2404MHz ~ 2480 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 essential requirements compliance 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 : HS410/Holystone

The Statement of compliance is available at the following address:

http://www.holystone.com/docs/HS410_EU_DOC.pdf

This product can be used across EU member states.

MANUFACTURER INFORMATION

Manufactured by

Xiamen Huoshiquan Import & Export CO.,LTD.

Room 703,No. 813-2 Xiahe Road, Siming District, XIAMEN, China

+1(855) 888-6699



Made in China