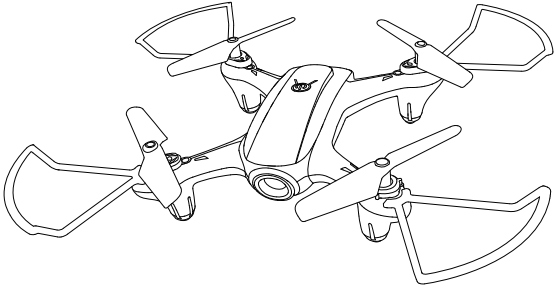
HOLY STONE

14+ age

Instructions For Use

V 1.0



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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 Holystone 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 Holystone'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





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.



DO NOT use the drone in adverse weather conditions such as rain, snow, fog and strong wind.

2.3 Operations Requirements

① Do not follow 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.





Stay away from the rotating propellers and motors.



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 If the device is not going to be used for an extended period of time, remove batteries to prevent potential damage from battery leakage.

⑧ It is recommended to only use the USB charging cable that comes with the drone to charge the battery.

⑨ Don't connect the battery directly to wall outlets or car cigarette -lighter sockets.

⑩ Don't attempt to disassemble or modify the battery in any way.

⑪ 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.

⑫ Don't pierce the battery casing with a nail or other sharp object, break it open with a hammer, or step on it!

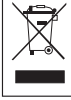
⑬ Always charge the batteries in a fireproof container and away from combustible materials. Don't charge on surfaces that can catch fire. This includes: wood, cloth, carpet, or in the application's device.

⑭ Don't immerse the battery in water or allow it to get wet.

⑮ Don't solder battery terminal directly.

⑯ Keep battery out of reach of children or pets.

⑰ Don't short-circuit the battery by connecting wires or other metal object to the positive(+) and negative(-) terminals.



Li-Po Battery Disposal & Recycling

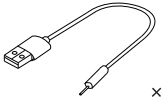
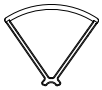
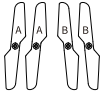
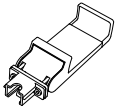
Waste Lithium-polymer batteries must not be placed with household trash. Please contact local environmental or waste agency or the waste agency or the supplier of your model or your nearest Li-Po battery recycling center.



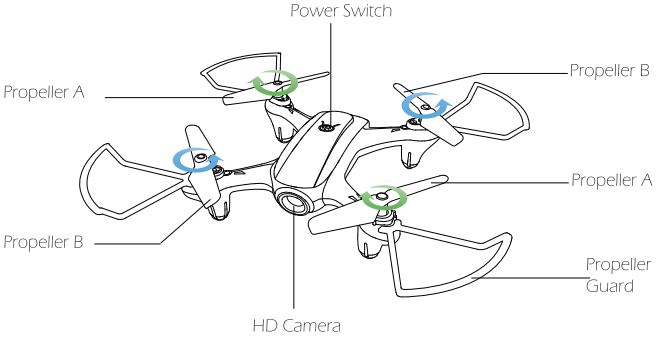
3.0 MAINTENANCE

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.

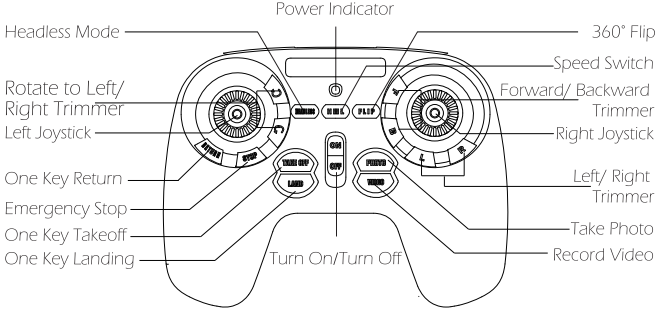
4.0 PACKAGE CONTENTS

 ×1	 ×1	 ×2
Drone	Transmitter	Drone Battery
 ×2	 ×4	 ×1
USB Charging Cable	Propeller Guard	Spare Propellers
 ×1	 ×4	 ×1
Screwdriver	Spare Screws	Dust Cover (For transmitter)
 ×1	 ×1	
Phone Holder	Instructions For Use	

5.0 DRONE'S DETAILS

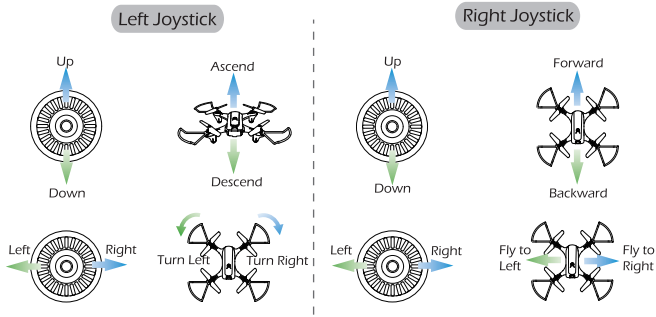


6.0 TRANSMITTER DETAILS



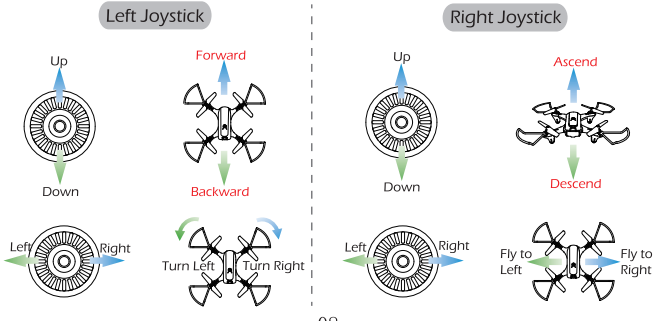
7.0 JOYSTICK MODE

▶ 7.1 MODE 2 (Default Setting)

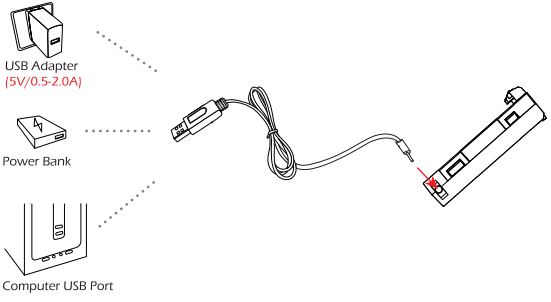


▶ 7.2 MODE 1

To enter MODE 1, turn on the transmitter while holding the " RETURN" button. (Please do not release the " RETURN" button until the transmitter is powered on.)



8.0 CHARGING THE BATTERY

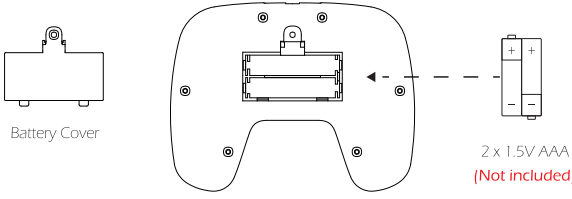


1) When the drone battery runs low, the indicator lights on the drone will blink continuously. About 30 seconds or so the drone will automatically land on low battery power.
2) Remove the battery and connect the USB charging cable to the battery charging interface.
3) Plug the USB charging cable into 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 70~80 minutes.

⚠ Before charging, please check the contents of the " Use of Battery" section of the " Safety Guidelines" carefully!

9.0 INSTALLATION

▶ 9.1 Transmitter's Battery



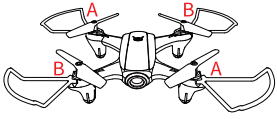
As shown above, insert the battery into the transmitter. When installing the battery, please pay attention to the positive and negative polarity of the battery to ensure the correct installation of the battery.
When the transmitter battery runs low, the power indicator of the transmitter will blink continuously.

▶ 9.2 Protection Guard

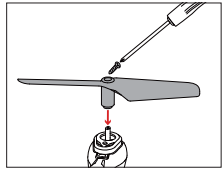


As shown in the picture, install the protection guards to the motor base. Make sure that the protection guards are clamped to the motor base to avoid the unnecessary loss and damage during flight.

▶ 9.3 Propeller



Pic 1

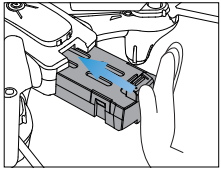


Pic 2

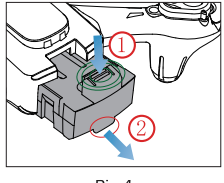
① Install the propeller on the motor shaft according to the "A / B" corresponding position. (Pic1)

② Use a screwdriver to twist and tighten the screws by pressing the clockwise direction. (Pic2)

▶ 9.4 Drone's Battery



Pic 3



Pic 4

Installation: Push the battery correctly into the drone battery compartment. Make sure the battery is in place to ensure that the battery is jammed in the battery compartment. (Pic3)

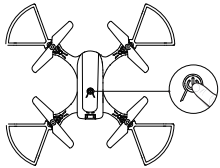
Removal: Press the lock on the top of the battery and pull it back to remove the battery from the fuselage. (Pic4)

10.0 OPERATION GUIDE

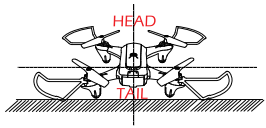
All of the following operations on this manual takes MODE 2 for example.

▶ 10.1 Pairing

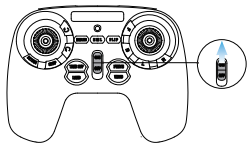
① Long press the Power Button to turn on the drone and the LED indicator light on the drone begins to flash.



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



③ Push the Power Button on the transmitter to turn it on and you will hear "Di", then the LED indicator light on the drone will turn solid.

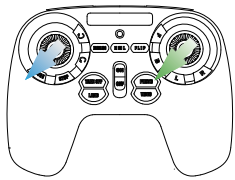


④ Push the left joystick up then down to pair the drone with the transmitter. 2 beeps will be heard from the transmitter, and the LED indicator lights on the drone and transmitter will turn solid if the drone is paired successfully.



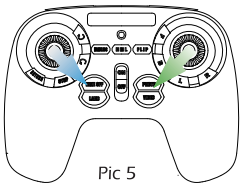
▶ 10.2 Calibrating the Gyro

Push both joysticks down to the bottom left to calibrate the gyro.
The LED lights on the drone will blink quickly and turn solid, then one beep will be heard from the transmitter, indicating calibration is completed.

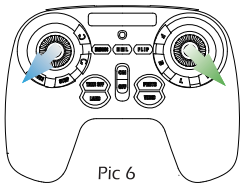


Tips: To ensure a stable flight, we suggest that the pilot calibrates the gyro every time after pairing the drone and after a crash.

▶ 10.3 Unlock the Motor



Pic 5



Pic 6

Method 1: Simultaneously push the left stick to lower right corner and the right stick to the lower left corner. (Pic 5)
Method 2: Simultaneously push the left stick to lower left corner and the right stick to the lower right corner. (Pic 6)
When the propellers rotate, the drone is unlocked.

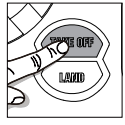
▶ 10.4 Take-off / Landing

• Take-off:

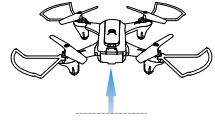
Please unlock the motor before take-off.



Method 1



Method 2

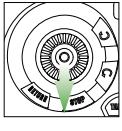


Take-off

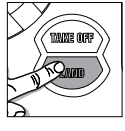
Method 1: Push the left joystick up and the drone will take off from the ground.

Method 2: Short press the One Key Takeoff button, the drone will automatically take off and hover at about 5 feet altitude.

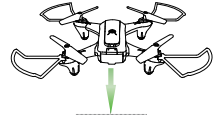
• Landing:



Method 1



Method 2



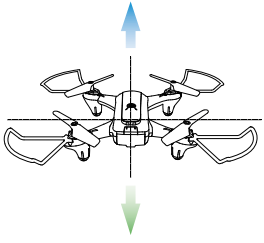
Landing

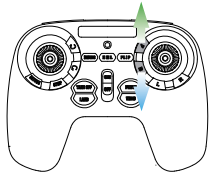
Method 1: Push the left joystick down to the bottom, and the drone will slowly land on the ground.

Method 2: Short press the One Key Landing button, the drone will automatically land on the ground.

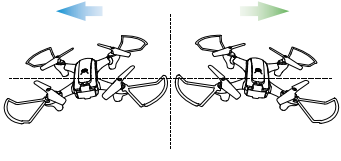
11.0 FUNCTIONS DETAILS

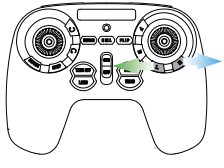
▶ 11 .1 Trimmer Function





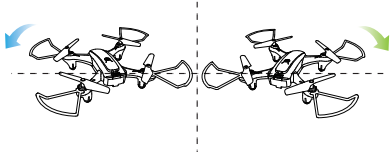
F/B Sideward Fly Trim : If the drone drifts forward, press the "B" button to re-balance the drone. If the drone drifts backward, press the "F" button to re-balance the drone.

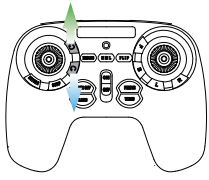




L/R Sideward Fly Trim: If the drone drifts left, press the "R" button to re-balance the drone. If the drone drifts to right, press the "L" button to re-balance the drone.

(When you hear a long beep from the transmitter, it indicates that it has been adjusted to the limit.)

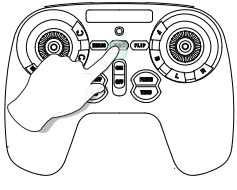




Rotate to L/R Trim : If the drone rotates to left, press the Rotate to Right Trimmer button to re-balance the drone. If the drone rotates to right, press the Rotate to Left Trimmer button to re-balance the drone.

▶ 11.2 Speed Switch

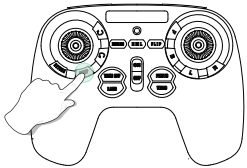
This drone comes with 3 speed modes (Low/ Medium/ High). Press the Speed Switch button on the transmitter to switch the speed. Increase one speed at a time.
"Di" indicates Low speed, "Di Di" indicates Medium speed and "Di Di Di" indicates High speed.
(The Medium Speed is default speed mode.)



▶ 11.3 Emergency Stop

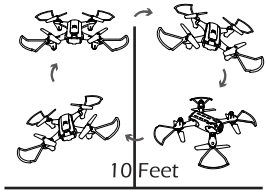
⚠ The Emergency Stop function can be only used in case of emergency during the flight to avoid any of damage or injury.

Long press the Emergency Stop button of the transmitter for 2 seconds, the motors will stop immediately.



▶ 11.4 360° Flip



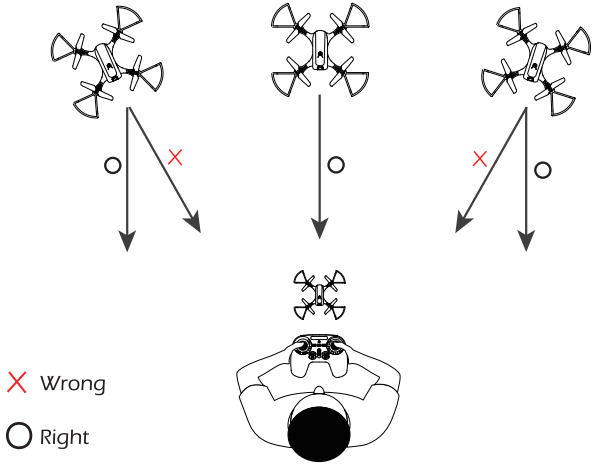


When you get familiar with all the functions of the drone, you can try this amazing flip mode. When you fly the drone at least 10 feet, press the 360° Flip button on the transmitter, then push the right joystick Forward/ Backward or Left/ Right, and the drone will do a flip towards the corresponding direction.

If you are in MODE 1, push the right joystick Left/ Right or push the left joystick Forward/ Backward, and the drone will do a flip towards the corresponding direction.

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

▶ 11.5 One Key Return



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

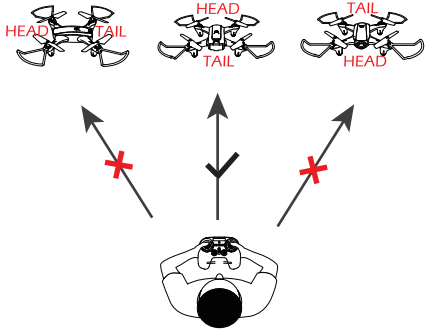
Press the One Key Return button, the drone will return at the direction of which the drone tail faced when it was paired. The transmitter will "Di Di Di...Di Di Di..." to indicate that the drone is under One Key Return Mode.
If the direction joystick is pushed or the One Key Return button is pressed during the returning mode, the drone will exit the One Key Return Mode.

⚠ The drone has NO obstacle avoidance function.

► 11.6 Headless Mode

1. After pairing/ calibration, or during the flight of the drone, press the Headless Mode button on the transmitter. The transmitter will beep "Di Di Di" to indicate that drone is in Headless Mode.

2. Press the Headless Mode button again, and you will hear "Di", 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 takes off. 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.

12.0 USING THE APPLICATION

▶ 12.1 Download APP

iOS

Android APP on Google play

Scan the QR code, connect to the App Store™ or Google™ Play and download the " HS FPV V2 " application for free.
Required Operating Systems: iOS 7.0 or later / Android 4.4 or later

▶ 12.2 Connect Wi-Fi Networks

Connect your smart phone to the Wi-Fi of the Drone and check the drone's status on the " HS FPV V2 " App.

① Your smart phone will launch a search of the available Wi-Fi networks;

② Select the Wi-Fi network: HolyStoneFPV-******;

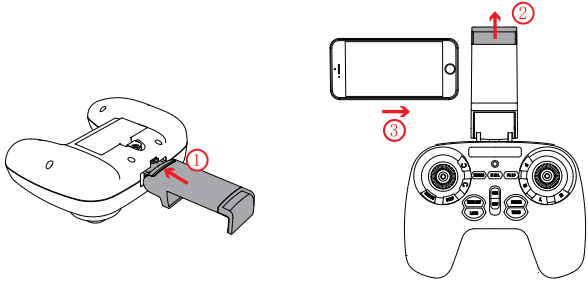
③ Wait your smart phone for several seconds to connect the Wi-Fi network of the drone.

This connection is generally represented by the Wi-Fi logo appearing on your smart phone's screen.

④ Enter the "HS FPV V2" application.

> The connection between your smart phone and the Drone is established automatically.

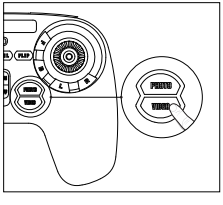
▶ 12.3 Install the Phone Holder



① As shown above, insert the Phone Holder into a slot on the top of the transmitter.

② Open the Phone Holder and put the phone. Then you can use the FPV real-time transmission function.

▶ 12.4 Take Photo / Video



① Take Photo: Press the Photo button on the transmitter to take pictures. One beep can be heard from the transmitter, and the light flashes once indicating the camera has successfully taken a picture.

② Record Video: Press the Video button on the transmitter, one beep from the transmitter will be heard and the light continues to flicker. This tells you that the camera has started recording video. You can exit the recording by pressing the Video button again.

13.0 SPECIFICATIONS

• DRONE

Model: HS370

Weight: 46g/ 1.6oz

Flight Time: 10~12 minutes

Motor Model: 615

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

Dimensions: 178 x 170 x 34 mm

• DRONE BATTERY

Capacity: 450mAh

Voltage: 3.7 V

Battery Type: Li-Po Battery

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

Charging Time: 70~80 minutes (depends on charging power and remaining battery power)

- TRANSMITTER

  Operating Frequency: 2.4 GHz

  Transmission Distance: 164~196 feet (outdoors and unobstructed)

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

  Battery: 1.5V AAA Battery

- CAMERA

  Lens Angle : 60 °

  Video/ Photo Resolution: HD1280 x 720p

  Image Return Distance: 65~98 feet (outdoors and unobstructed)

  Photo: JPEG

  Video: AVI / MP4

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

- USB CHARGING CABLE

  Voltage: 5 V

  Rated Power: ≤10 W

14.0 TROUBLE SHOOTING

Problems	Reasons	Solutions
The indication lights of the drone are flashing and does not respond to the transmitter.	1. Communication between the drone and transmitter is not correct. 2. Battery power is low.	1. Refer to the preparation for flight and pair again. 2. Recharge the battery.
The propellers spin but the drone is unable to take off.	1. The propellers are assembled in wrong orientation. 2. The propellers are damaged.	1. Replace the propellers according to the motors. 2. Replace the propellers
The drone shakes hardly in flight.	The propellers are damaged.	Replace the propellers
The drone becomes out of control after crashing.	Gyro sensor lose it's balance after crashing.	Place drone on a level surface for 5-10 seconds, and recalibrate the gyro.

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

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

+1(855) 888-6699

15.0 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 limitsare 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 exem pts de licence L'exploitation est autorisée aux deux conditions suivantes:

1) l'appareil ne doit pas produire de brouillage; et

2) l'utillsateur de l'appareil doit accepterbrouillage radioélectrique subi meme si le brouillage est susceptible d'encompromettre le fonctionnement. mauvais fonctionnement de l'appareil. Cet appareil numériquie 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 lasource 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 hallto 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 charger on a flammable surface, near flammable products or inside a vehicle(perferably place the battery in a non-flammable and nonconductive 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 LiPo 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. Different types of batteries or new and used batteries are not to be mixed.

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 form 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 : HS370/Holystone
The Statement of compliance is available at the following address:
http://www.holystone.com/docs/HS370_EU_DOC.pdf

This product can be used across EU member states.

MANUFACTURER INFORMATION

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Made in China