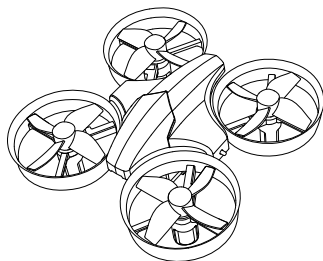




14⁺
age

Instructions For Use

V2.0



HS210



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< DISCLAIMER & WARNING >

1. Please read this disclaimer 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 damage 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 policies 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.

< SAFETY GUIDELINES >

1. Check Before Use

- This product is not a toy, but it 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.
- Please be sure that the batteries of the drone and transmitter are clean, undamaged and have enough power.
- Please be sure that all the propellers are undamaged and are

installed in the right orientation.

- Please do a thorough check of the product before each use. Check for firmness 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 drone until the issue has been taken care of. Incorrect assembly or poor control by inexperienced pilots can result in damage to property or harm to people in an accident. Be fully aware of your surroundings when flying and always maintain complete control of the device at all times.

2. Flight Environment



Fly in Open Areas



+



+



Maintain Line
of Sight

Fly Below
164 feet (50 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.



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

3. Operations Requirements

- Please don't use this device to follow any moving vehicles .
- When flying, only turn off the motor in case of an emergency.
- Please flight the drone back to you as soon as possible when the battery is running low.
- This device should not be used while drinking alcohol if you are feeling fatigued, taking medicine, or feeling any physical discomfort.
- Stay away from the rotating propellers and motors.

Beware of the noise volume the drone produces. Keep your



Stay away from the rotating propellers and motors.



No Fly Zone

4. Use of Battery

- Please ensure batteries are fitted in the correct orientation as shown in the instructions manual.
- 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.

- Do not mix new and old batteries as this can lead to a poor performance of the product.

- Dispose of used batteries carefully, do not litter.
- Please keep dead batteries away from heat and fire.
- If the device is not going to be used for an extended period of time, remove batteries to prevent potential damage from battery leakage.
- It is recommended to only use the USB charging cable that comes with the drone to charge the battery.
- Don't attempt to disassemble or modify the battery in any way.
- Don't use the battery if it gives off an odor, generates heat, become 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.
- Don't pierce the battery casing with a nail or other sharp object, break it open with a hammer, or step on it!
- 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.



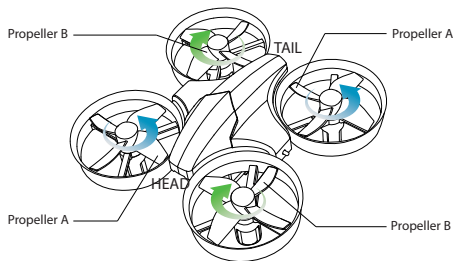
< MAINTENANCE >

1. Clear 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.

<PACKING CONTENTS>

 x1	 x1	 x3
Drone	Transmitter	Drone Battery
 x1	 x1	 x1
USB Charger	Propellers	Screwdriver
 x1	 x1	
Propellers Spanner	Instructions For Use	

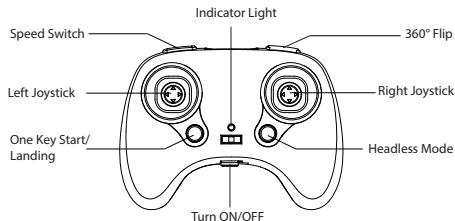
< DRONE'S DETAILS >



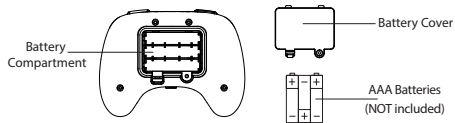
< LOW BATTERY WARNING >

- ① When the drone battery runs low, the indicator lights on the drone will blink continuously. About 1 minute or so the drone will automatically land on low electricity.
- ② When the transmitter battery runs low, the power indicator of the transmitter will blink continuously and the transmitter will keep beeping. When this happens, the pilot should change the new battery for the transmitter.

< TRANSMITTER FUNCTIONS >



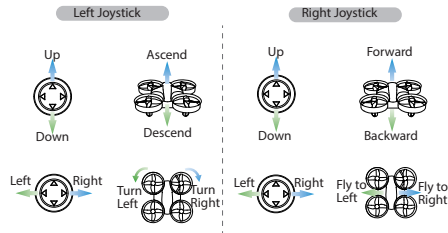
< INSTALLATION >



If you want to install the batteries, please always pay close attention to battery polarity to make sure they are inserted correctly.

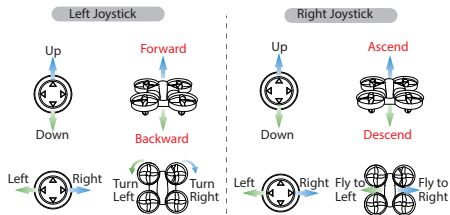
< JOYSTICK MODE >

1. MODE 2 (Left hand throttle MODE 2 will be default setting.)

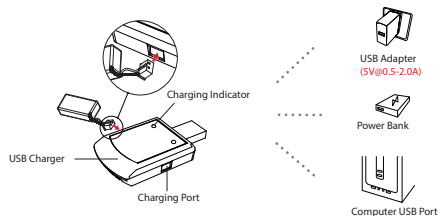


2. MODE 1

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



< CHARGING >



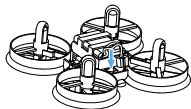
- ① Connect the battery with the charger.
- ② Plug the charger into a USB charging port on the computer, power bank or USB adapter (5V @ 0.5 to 2.0A).
- ③ Charging time: about 40-60 minutes.
- ④ a. While the battery is charging, the charging indicator light is Red.
b. When the battery is full charged, the charging indicator light will turn Green.

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

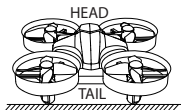
< FLIGHT >

 All of the operations shown in this manual are demonstrated using MODE 2.

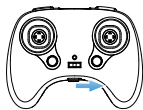
1. Pair the Drone



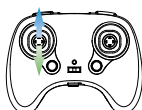
① Connect the battery port access to the fuselage power port.



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



③ Turn on the transmitter.



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

< FLIGHT >

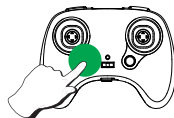
2. Calibrate the Gyro



As shown in the diagram above, push the left and right joystick simultaneously to the lower left corner to calibrate the gyro. The LED lights on the drone will blink quickly and turn solid. When you hear 2 beeps from the transmitter that indicates the 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.

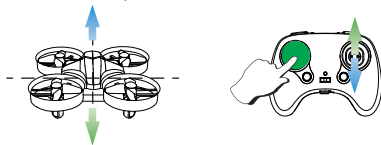
3. One Key Start/ Landing



After pairing/ calibration, press the One Key Start button, the propellers will start spinning, indicating this drone is ready to fly, and you can control this drone by using the joysticks. Press the One Key Landing button again, the drone will land by itself.

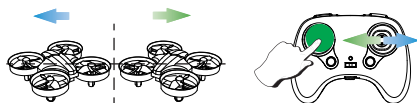
< TRIMMER >

F/B Sideward Fly Trim



If the drone drifts forward, hold down the throttle joystick and do not release it while pushing the direction joystick down to balance the drone; If the drone drifts backwards, hold down the throttle joystick and do not release it while pushing the direction joystick up to balance the drone.

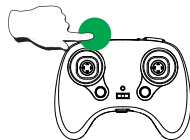
L/R Sideward Fly Trim



If the drone drifts left, hold down the throttle joystick and do not release it while pushing the direction joystick right to balance the drone; If the drone drifts right, hold down the throttle joystick and do not release it while pushing the direction joystick left to balance the drone.

(When you hear one long beep from the transmitter that indicates the drone is adjusted to balance.)

< SPEED SWITCH >



This drone comes with 3 speed modes (Low/ Medium/ High). Press the Speed Switch button on the upper left of the transmitter to switch the speed. Increase or decrease one speed at a time. "Di" indicates Low speed; "DiDi" indicates Medium speed and "DiDiDi" indicates High speed.

(The Low Speed is default speed mode.)

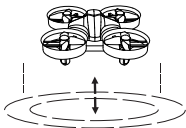
< EMERGENCY STOP >

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



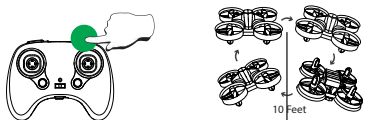
Press the upper left and upper right button of the transmitter at the same time, the motors will stop immediately.

< ALTITUDE-HOLD FUNCTION >



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).

< 360° FLIP >



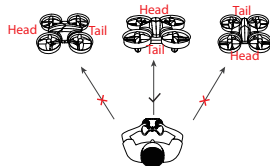
When you get familiar with all the functions of the drone, you can try this amazing flip mode. When you fly the drone at least 10 feet, press the 360° Flip button on the upper right of the transmitter, then push the right joystick Forward/ Backward or Left/ Right, and the drone will do a flip towards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

< HEADLESS MODE >

1. After pairing/calibration, press the Headless Mode button on the transmitter. A beep will be heard from the transmitter, and the lights on the drone will keep blinking. The transmitter will beep slowly to indicate that drone is in Headless Mode.
2. Press the Headless Mode button again, and you will hear 2 beeps, the LED indicator lights on the drone will be solid which indicates the drone exits the Headless Mode.



Please make the pilot stays facing the same direction as the direction that the head of the drone faces at take-off.

Under Headless Mode, the forward direction is the direction that the head of drone faces when the drone takes off. 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 head faces when the drone takes off. If so, 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. It is very important that the pilot stay in the same orientation as the drone head faces when the drone takes off.

< SPECIFICATION >

DRONE

Model: HS210

Weight: 22g/ 0.77oz

Flight Time: < 7 minutes

Motor Model: 0615

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

Dimensions: 80 x 80 x 30 mm

FLIGHT BATTERY

Capacity: 220mAh

Voltage: 3.7V

Battery Type: Li-Po Battery

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

Charging Time: 40 - 60 minutes (depends on charging power and remaining battery power)

TRANSMITTER

Operating Frequency: 2.4 GHz

Transmission Distance: 10 m (outdoors and unobstructed)

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

Battery: 1.5V AAA Battery (NOT INCLUDED)

USB CHARGING CABLE

Voltage: 5 V

Rated Power: ≤10 W

< CONTACT US >

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



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jp@holystone.com (JP)



+1(855) 888-6699

< 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.

< GENERAL INFORMATION >

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 device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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'encombrer.

< GENERAL INFORMATION >

entre 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 ISED radiation exposure limits set forth for an uncontrolled environment. The device has been evaluated to meet general RF exposure requirement.

Le matériel est conforme aux limites de dose d'exposition aux rayonnements électromagnétiques pour un autre environnement. Ce dispositif a été évalué à satisfaire l'exigence générale de l'exposition aux rf.

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.

< GENERAL INFORMATION >

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 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 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(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.

< GENERAL INFORMATION >

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 ~ 2480MHz)

Caution

1.The max operating of the EUT is 45°C. and shouldn't be lower than -10°C.

< GENERAL INFORMATION >

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 : HS210/HOLYSTONE

The Statement of compliance is available at the following address:
http://www.holystone.com/docs/HS210_EU_DOC.pdf

This product can be used across EU member states.

MANUFACTURER INFORMATION

Manufactured by

Xiamen Huoshiquan Import & Export CO., LTD

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Made in China