



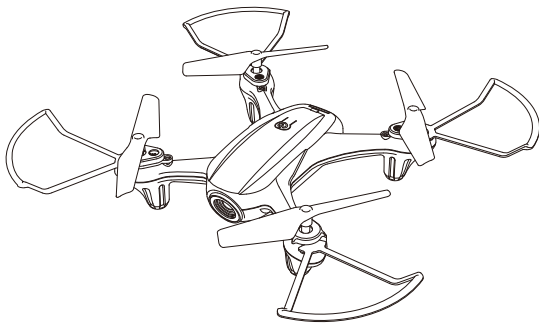
14+
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Instructions For Use

日本語マニュアル

Gebrauchsanweisungen

V2.0



HS340

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English

01-32

日本語

33-59

Deutsch

60-89

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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 damage caused while using this product, and any consequence. You agree to only use this product for its designed purposes and in accordance with the local laws, regulations and all applicable policies and guidelines that HolyStone may provide.

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 any 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 configure this drone carefully and correctly to ensure safe, accident-free operation.
- ② Ensure that the batteries of the drone and transmitter are clean, undamaged, and fully charged before every use.
- ③ Ensure that all the propellers are undamaged and are installed in the correct orientation.

④ Please perform a thorough check of the product before each use. Inspect the integrity of the parts, any signs of cracks and wear off on the propellers, battery power and effectiveness of the indicator, etc. If there is any problem found after checking the drone, please refrain from using it until the problem is resolved.

2.2 Flight Environment



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Fly in Open Areas

Keep in Sight

**Fly Below
65 feet (20 m)**



Avoid flying over, or near obstacles, crowds, high voltage power lines, trees, airports 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 this drone in adverse weather conditions such as rain, snow, fog, and wind.

2.3 Operation Requirements

- ① DO NOT use this product to follow any moving vehicles.
- ② During the flight, turn off the motors only in case of an emergency.
- ③ When the battery runs low, return the drone back to your starting point.
- ④ DO NOT use this product if you feel tired, take medicine or feel unwell and drink alcohol.
- ⑤ Be aware of the volume of noise that the drone produces. Please ensure to keep your distance to avoid ear damage.



- ⑥ **Stay away from the rotating propellers and motors.**

- ⑦ **DO NOT fly in any spaces where drones are prohibited. Please respect people's right to privacy by not flying your drone close to others.**

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 correctly, and do not crush or squeeze the batteries as this could cause the risk of a fire or explosion.
- ③ DO NOT mix new and old batteries as this can lead to poor performance of the product.
- ④ Please dispose of used batteries carefully, do not litter, and recycle where ever possible.
- ⑤ DO NOT expose dead batteries to heat or fire or they may explode.

- ⑥ If the device is not going to be used for an extended period of time, please remove batteries to prevent potential damage to the drone from battery leakage.
- ⑦ Only use the USB charging cable that comes with the drone to charge the battery.
- ⑧ DO NOT connect the battery directly to wall outlets or car cigarette -lighter sockets as this will damage your battery since they have different voltages.
- ⑨ DO NOT attempt to disassemble or modify the battery in any way.
- ⑩ DO NOT use the battery if it gives off an odor, generates heat, becomes discolored, deformed or appears abnormal in any way. If any of these situations occur while the battery is in use or being charged, remove it from the device or charger immediately and discontinue use.
- ⑪ DO NOT pierce the battery casing with a nail or any other sharp object, break it open with a hammer, or step on it! Dispose or recycle this battery as it may cause personal injury or damage to your drone.
- ⑫ Always charge the batteries on a fireproof surface and away from combustible materials. DO NOT charge on surfaces that can catch fire, which includes wood, cloth, carpet.
- ⑬ DO NOT immerse the battery in water or get it wet.
- ⑭ DO NOT solder battery terminal in any way.
- ⑮ Keep batteries out of reach of children or pets.
- ⑯ DO NOT short-circuit the battery by connecting wires or any 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.



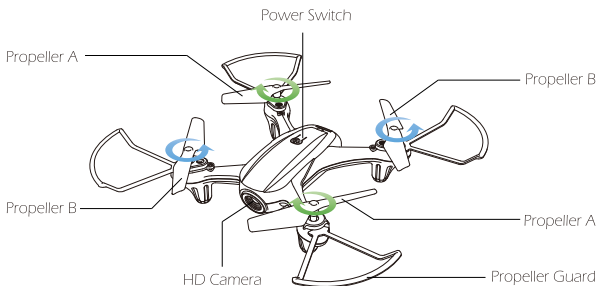
3.0 MAINTENANCE

- ① Clean the drone after each use with a clean, soft cloth.
- ② Avoid prolonged exposure to direct sunlight and avoid the buildup of heat on the drone or batteries.
- ③ This device is not waterproof and must not be submerged or subjected to water under any circumstance. Failure to keep the device completely dry will result in failure and permanent damage to the unit. Be aware that although it might be dry where you are, droplets of rain or mist from a river or waterfall could damage your drone where it is flying.
- ④ Frequently check the charging plug and other accessories for signs of damage. If any part of the device or cables are damaged, avoid use or charging until the damaged parts are replaced.

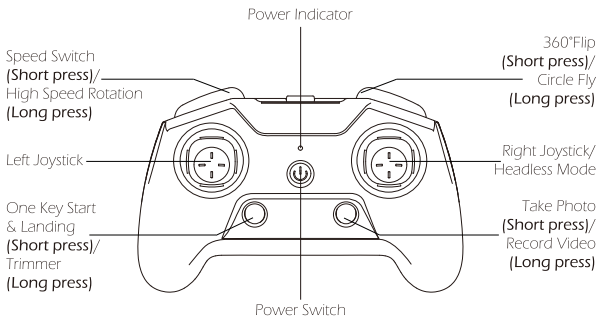
4.0 PACKAGE CONTENTS

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

5.0 DRONE DETAILS

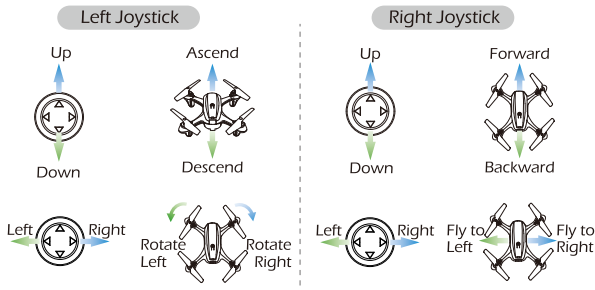


6.0 TRANSMITTER FUNCTIONS



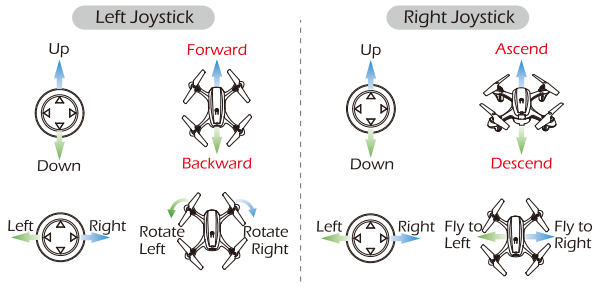
7.0 JOYSTICK MODE

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



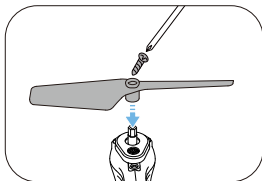
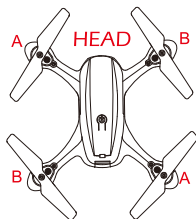
7.2 MODE 1

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.)



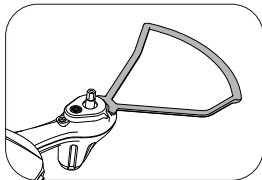
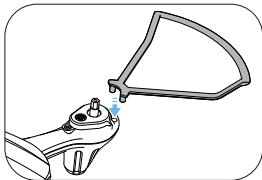
8.0 INSTALLATION

8.1 Propellers



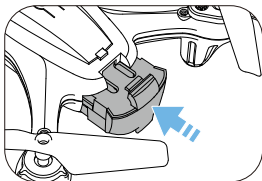
The drone will not fly unless the correct propeller is installed on the correct motor shaft. See illustration above. An “A” or “B” is printed on the each propeller, then lock the propeller to the motor shaft with a screw.

8.2 Propeller Guard

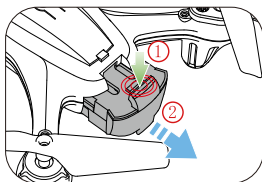


As shown in the picture, install the propeller guards to the motor base. Make sure that the propeller guards are clamped to the motor base to avoid the unnecessary loss and damage during flight.

8.3 Drone Battery

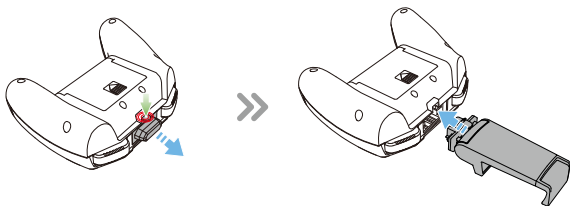


Installation: Push the battery correctly into the drone battery compartment. Make sure the battery is in place to ensure that the battery is jammed in the battery compartment.

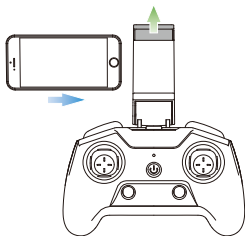


Removal: Press the buckle on the battery and pull it back to remove the battery from the fuselage.

8.4 Phone Holder

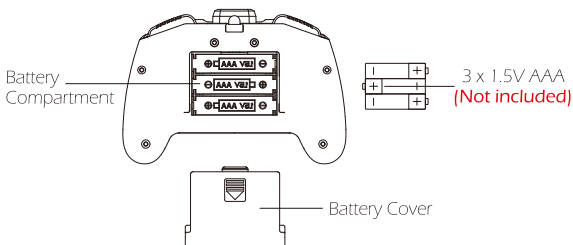


- ① Remove the dust cover.
- ② Insert the Phone Holder into a slot on the top of the transmitter.



- ③ Open the Phone Holder and put the phone.

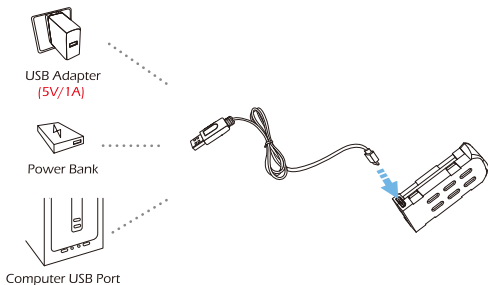
8.5 Transmitter Battery



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

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

9.0 CHARGING



- 1) When the drone battery runs low, the indicator lights on the drone will blink continuously. After about 60 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/1A).
- 4) When the battery is charging, the indicator light on the battery is red.
- 5) When the battery is fully charged, the indicator light on the battery will turn green.
- 6) Charging time: about 60 minutes.

 Before charging, please read the instruction of the **"Use of Battery"** section of the **"Safety Guidelines"** carefully!

10.0 USING THE APP

10.1 Download APP



iOS



Android APP on Google play

Scan the QR code, corresponding to either App Store™ or Google Play™ Store and download the **HS FPV** app for free.

Required Operating Systems: iOS 7.0 or later/Android 4.4 or later

10.2 Connect to Wi-Fi



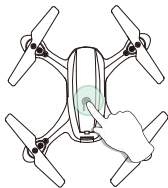
Turn on the drone, and then connect your phone to the Wi-Fi network created by the drone. To check the drone's status in the **HS FPV** app.

- ① Open your phone's Wi-Fi settings and click Wi-Fi to search for the Wi-Fi of the drone.
- ② Select the Wi-Fi network: **HolyStoneFPV-*******.
- ③ Wait for a couple of seconds for your phone to connect to the drone's Wi-Fi.
- ④ Open the **HS FPV** application.

> The connection between your smartphone and the drone will be established automatically.

11.0 OPERATION GUIDE

11.1 Pairing



① Short press the Power Button to turn on the drone and the red 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 Short press the Power Switch button to power on the transmitter.



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

11.2 Calibrating the Gyro



Push the two joysticks to the lower left corner simultaneously, and the transmitter will emit a beep. When the indicator light on the drone changes from flashing rapidly to solid on, it means that the gyroscope calibration is completed.

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

11.3 Auto Takeoff

There are two methods to take off the drone.

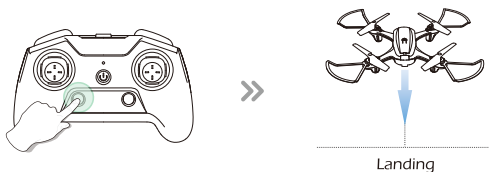


Method 1: Press the One Key Start button, the propellers will start spinning, indicating this drone is ready to fly. Then push the Left Joystick up slowly to take off. The more the joystick is pushed away from the center position, the faster the drone will change elevation. Always push the joystick gently to prevent sudden and unexpected elevation changes.



Method 2: After pairing, pick up the drone and lay it flat on your palm. Gently toss the drone into air, and it will hover in place.

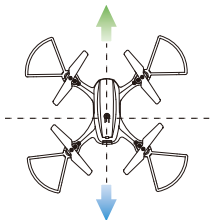
11.4 One Key Landing



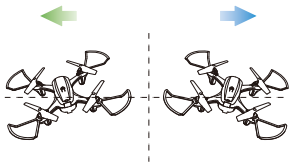
During the flight, you can press the One Key Landing button and the drone will land automatically.

12.0 FUNCTION DETAILS

12.1 Trimmer



F/B Sideways Drift Trim: If the drone drifts forward, press the trimmer button and push the right joystick down at the same time to re-balance the drone. If the drone drifts backward, press the trimmer button and push the right joystick up at the same time to re-balance the drone.



L/R Sideways Drift Trim: If the drone drifts left, press the trimmer button and push the right joystick right at the same time to re-balance the drone. If the drone drifts to right, press the trimmer button and push the right joystick left at the same time to re-balance the drone.

12.2 Speed Switch

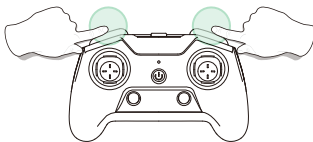


This drone comes with 3 speed modes (Low/Medium/High). Press the Speed Switch button to switch the speed. “Di” indicates Low Speed. “Di Di” indicates Medium Speed and “Di Di Di” indicates High Speed.

(The Low Speed is default speed mode.)

12.3 Emergency Stop

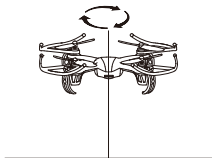
 The Emergency Stop function should only be used in case of emergency during the flight to avoid any damage or injury.



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

12.4 High Speed Rotation

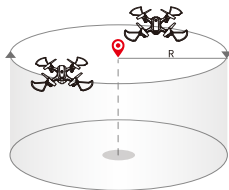
Long press for 3 seconds



Press and hold the Speed Switch button for about 3 seconds, the drone will enter the High Speed Rotation mode. Exit the High Speed Rotation mode by long pressing the same button again or pushing the right joystick to any direction.

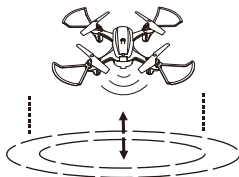
12.5 Circle Fly

Long press for 3 seconds



Press and hold the 360° Flip button for about 3 seconds, the drone will enter the Circle Fly mode. Exit the Circle Fly mode by long pressing the same button again or pushing the right joystick to any direction.

12.6 Altitude-hold



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

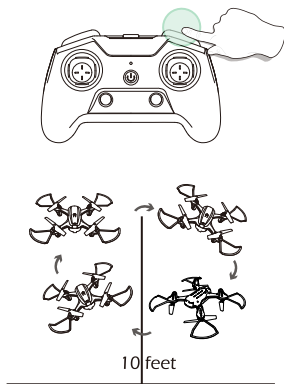
12.7 Take Photo/Record Video



Take Photo: Short press the Photo/Video button on the transmitter to take pictures. One beep can be heard from the transmitter, this indicates the camera has successfully taken a picture.

Record Video: Press and hold the Photo/Video button for about 3 seconds, the transmitter sends out a long beep. This tells you that the camera has started recording video, press and hold the same button again to exit the recording.

12.8 360° Flip



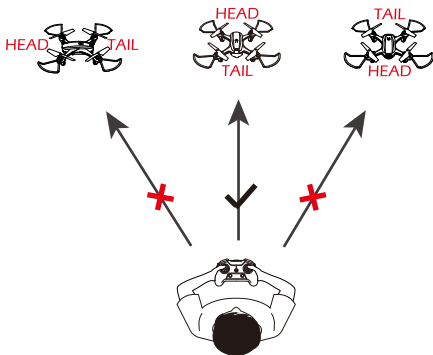
When you get familiar with all the functions of the drone, you can try this amazing flip mode. When you fly the drone at least 10 feet, press the 360° Flip button, then push the right joystick Forward/Backward or Left/Right, and the drone will do a flip towards the corresponding direction.

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.

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

12.9 Headless Mode

1. After pairing/calibration, press down the right joystick. The red indicator light on the drone will continue to flash quickly, and the transmitter will beep constantly to indicate that drone is in Headless Mode.
2. Press down the right joystick again, the red indicator light 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.

While in Headless Mode, pushing the right joystick forward will make it fly in the direction that the head of the drone faces when the drone is pairing. To make sure the pilot can tell drone's direction, during the flight, we recommend that pilot stays facing the same direction that the drone head faces at pairing. By doing so it is ensured that when the pilot pushes the right joystick forward/backward, the drone will fly forward/backward toward him/her. If the pilot moves the the right joystick left/right, the drone will move left/right relative to him/her.

13.0 SPECIFICATIONS

- **DRONE**

Model: HS340

Weight: 50g/1.76oz

Max Flight Time: 11 minutes (per battery)

Motor Model: 615

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

Size: 173 x 180 x 38 mm

- **DRONE BATTERY**

Capacity: 500 mAh

Voltage: 3.7 V

Battery Type: Li-Po Battery

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

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

- **TRANSMITTER**

Operating Frequency: 2.402-2.479GHz

Max Flight Distance: 131feet/40m (outdoors and unobstructed)

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

Battery Type: 1.5V AAA Battery

- **CAMERA**

Operating Frequency: 2.406-2.428GHz

Lens: 75°

Photo Resolution: HD1280 x 720P

Video Resolution: HD1280 x 720P

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

Live View Quality: 25 fps

Photo Formats: JPEG

Video Formats: AVI/MP4

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

- **USB CHARGING CABLE**

Input: 5V/1A

Rated Power: ≤5W

14.0 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)
jp@holystone.com (Japan)

☎ +1(855) 888-6699



For online support, please scan
this code with Live Chat

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.

The Supplier's Declaration of Conformity is available at the following address:
https://www.holystone.com/Download/US/HS340_FCC_sDoC.pdf

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 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 to charge the battery. Always use a balancing charger for LiPo cells or a LiPo cell balancer. It is recommended that you do not 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(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): <10 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 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 : HS340/Holystone

The Statement of compliance is available at the following address:

http://www.holystone.com/docs/HS340_EU_DOC.pdf

This product can be used across EU member states.

MANUFACTURER INFORMATION

Manufactured by

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Made in China