Holy Stone HS460

Holy Stone HS460 GPS Drone Instruction Manual

Model: HS460 | Brand: Holy Stone

Introduction to the Holy Stone HS460 Drone

The Holy Stone HS460 is a lightweight, foldable GPS drone designed for both beginners and experienced users. It features a 4K Ultra HD camera, extended flight time, and intelligent flight functions to enhance your aerial photography and videography experience. Weighing under 249g, it is free from FAA registration requirements, making it convenient for outdoor adventures.



Figure 1: Holy Stone HS460 GPS Drone and included accessories.

What's in the Box

- Holy Stone HS460 Drone x 1
- Remote Control x 1
- Drone Battery x 1
- Body Battery USB Charging Cable x 1
- Remote Control USB Charging Cable x 1
- Shoulder Bag x 1
- Extra Propellers x 4
- Screwdriver x 1
- Instructions for Use x 1



Figure 2: All components included in the HS460 package.

Setup Guide

1. Drone Assembly

Unfold the drone arms carefully. Ensure all propellers are securely attached. The drone comes with pre-installed propellers, but spares are provided for replacement if needed.

2. Battery Charging

Before first use, fully charge the drone battery and the remote control. Connect the provided USB charging cables to a compatible USB power source (e.g., computer USB port, USB wall adapter).

- **Drone Battery:** Insert the drone battery into its charging cable. The indicator light on the charging cable will blink while charging and turn solid green when fully charged (approx. 1.5 hours).
- **Remote Control:** Plug the remote control into its USB charging cable. The indicator light will show charging

status.

3. App Download & Connection

Download the "Drone Go2" app from your device's app store. Scan the QR codes provided in the quick start guide for direct access.



Figure 3: The Holy Stone HS460 drone and its companion app interface.

1. Turn on your phone's Bluetooth.
2. Open the "Drone Go2" app and tap the "+" icon to initiate a device search for the drone.
3. Select your drone's serial number from the list to connect.

4. FAA Compliance (Remote ID)

The Holy Stone HS460 is designed to be under 249g, which typically exempts it from FAA registration for recreational use. However, it supports Remote ID broadcast for enhanced safety and compliance. The app allows you to input necessary information for Remote ID broadcasting.



Figure 4: The HS460 drone's lightweight design for easy compliance.

Operating Instructions

1. Basic Flight Controls

Ensure the drone is placed on a flat, level surface. Power on the drone and remote control. The drone's lights will blink, then turn solid when paired.

- **One-Key Takeoff/Landing:** Press the dedicated button on the remote for automatic takeoff or landing.
- **Hovering:** The drone will automatically hover stably after takeoff due to its optical flow and GPS positioning systems.
- **Speed Modes:** Toggle between 2 speeds for different flight experiences.
- **Headless Mode:** Simplifies controls by eliminating the need to adjust the drone's orientation.
- **Emergency Stop:** Use the emergency stop function for immediate shutdown in critical situations.



Figure 5: Entry-level GPS Drone features for easy operation.

2. Advanced Flight Functions

Utilize the "Drone Go2" app for advanced flight modes:

- **Follow Me:** The drone will automatically follow your movements, capturing dynamic footage.
- **Waypoint:** Draw a custom flight path on the app's map, and the drone will follow it autonomously.
- **Point of Interest:** Select a central point, and the drone will circle around it, maintaining a consistent distance and altitude.



Figure 6: Advanced flight functions available through the app.

3. Camera Operation

The 4K Ultra HD camera captures stunning visuals. Control the camera directly from the remote or through the app interface.

- **4K Video:** Record high-resolution videos at 3840x2160.
- **Still Photos:** Capture crisp 8.29 MP photos.
- **Adjustable Angle:** Remotely adjust the camera angle by 70 degrees for optimal shots.



Figure 7: Details of the 4K Ultra HD Camera.

4. Flight Safety Guidelines

Always fly in open areas away from obstacles, people, and animals. Be mindful of weather conditions, especially strong winds.

- **Intelligent Return Home:** The drone will automatically return to its takeoff point if signal is lost, battery is low, or it goes out of range.
- **Optical Flow & GPS Positioning:** These features ensure stable hovering and precise positioning, even in challenging environments.



Figure 8: Dual Stability Guarantee for stable flight.



Figure 9: Intelligent Return Home for worry-free flying.

Maintenance

- Regularly inspect propellers for any damage or wear. Replace immediately if necessary using the provided screwdriver and spare propellers.
- Keep the drone and remote control clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Store the drone and accessories in the provided shoulder bag to protect them from damage.
- Ensure batteries are fully charged before each flight and stored in a cool, dry place when not in use.

Troubleshooting

- **Drone not powering on:** Ensure the battery is fully charged and correctly inserted.
- **Unable to connect to app:** Check if Bluetooth is enabled on your phone and the drone is powered on. Restart both devices and try again.
- **Unstable flight:** Perform a compass calibration as per the app's instructions. Ensure you are flying in an open area with minimal wind interference.
- **Low battery warning:** The drone's indicator lights will flash green when the battery is low, providing approximately 20 minutes of additional flight time before needing a recharge.

Specifications

Brand	Holy Stone
Model Name	HS460
Video Capture Resolution	4K
Effective Still Resolution	8.29 MP
Flight Time (Single Battery)	Up to 26 minutes
Motor Type	Brushless Motor
Connectivity Technology	Wi-Fi
Control Type	Remote Control
Item Weight	2.05 pounds (under 249g for FAA exemption)
Product Dimensions	8.4"L x 7.2"W x 3.9"H

Official Product Videos

Holy Stone HS460 Video Tutorial

Your browser does not support the video tag.

This official Holy Stone video provides a comprehensive tutorial on operating the HS460 drone.

Warranty and Support

For detailed warranty information, technical support, or to purchase replacement parts, please refer to the official Holy Stone website or contact their customer service directly. Contact information can be found in the quick start guide included in your package.

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