HASAKEE H2

HASAKEE H2 RC Drone User Manual

Model: H2 | Brand: HASAKEE

1. Introduction

This manual provides comprehensive instructions for the safe operation, setup, and maintenance of your HASAKEE H2 RC Drone. The HASAKEE H2 is a compact quadcopter featuring an HD FPV camera, mobile application control, Headless Mode, and Altitude Hold for an enhanced flight experience. Please read this manual thoroughly before operating the drone.



Image 1.1: The HASAKEE H2 RC Drone, a compact quadcopter with propeller guards and a front-facing camera.

2. Package Contents

Verify that all items listed below are present in your package:

- 1 x HASAKEE H2 RC Quadcopter with Camera
- 1 x 350mAh Li-Po Battery
- 1 x USB Charging Cable
- 4 x Spare Blades
- 1 x Screwdriver
- 1 x User Manual (this document)

3. Setup

3.1. Battery Charging and Installation

1. Connect the 350mAh Li-Po battery to the USB charging cable.
2. Plug the USB charging cable into a standard USB power source (e.g., computer USB port, USB wall adapter).
3. Allow approximately 50 minutes for a full charge. The indicator light on the USB cable will change to indicate charging status (refer to charger instructions for specific light behavior).
4. Once charged, carefully insert the battery into the drone's battery compartment, ensuring a secure connection.

3.2. Mobile App Installation

The HASAKEE H2 drone is controlled via a dedicated mobile application. Search for the official HASAKEE drone app on your smartphone's app store (Android / iOS) and install it.



Image 3.1: The HASAKEE H2 drone being controlled by a smartphone application, showing the live FPV feed.

3.3. Connecting to Wi-Fi

1. Power on the drone.
2. On your smartphone, go to Wi-Fi settings and connect to the drone's Wi-Fi network (usually named something like "HASAKEE_H2_XXXX").
3. Open the HASAKEE control app.

Important Note for Live Video Troubleshooting:

If, after connecting the drone to Wi-Fi, the live video feed does not work within the app, follow these steps:

1. Disconnect from the drone's Wi-Fi and enable your mobile data.
2. Open the HASAKEE app. A pop-up window should appear; select "Yes" to proceed.
3. You can now reconnect to the drone's Wi-Fi network to use the app with live video functionality.

4. Operating Instructions

4.1. Basic Flight Controls (via Mobile App)

The HASAKEE H2 drone is controlled entirely through its mobile application, utilizing virtual joysticks and on-screen buttons.

- **One-Key Take-off/Landing:** Press the designated button in the app to automatically take off or land the drone.
- **Altitude Hold Mode:** The integrated air pressure sensor allows the drone to maintain a stable height. Ensure the virtual throttle stick is centered after achieving desired altitude. This feature assists in capturing clearer photos and videos.



Image 4.1: The Altitude Hold feature keeps the drone at a stable height, indicated by arrows pointing to a fixed position above the ground.

- **Gravity Sensor Mode:** This mode allows you to control the drone's forward, backward, left, or right movement by tilting your mobile device.

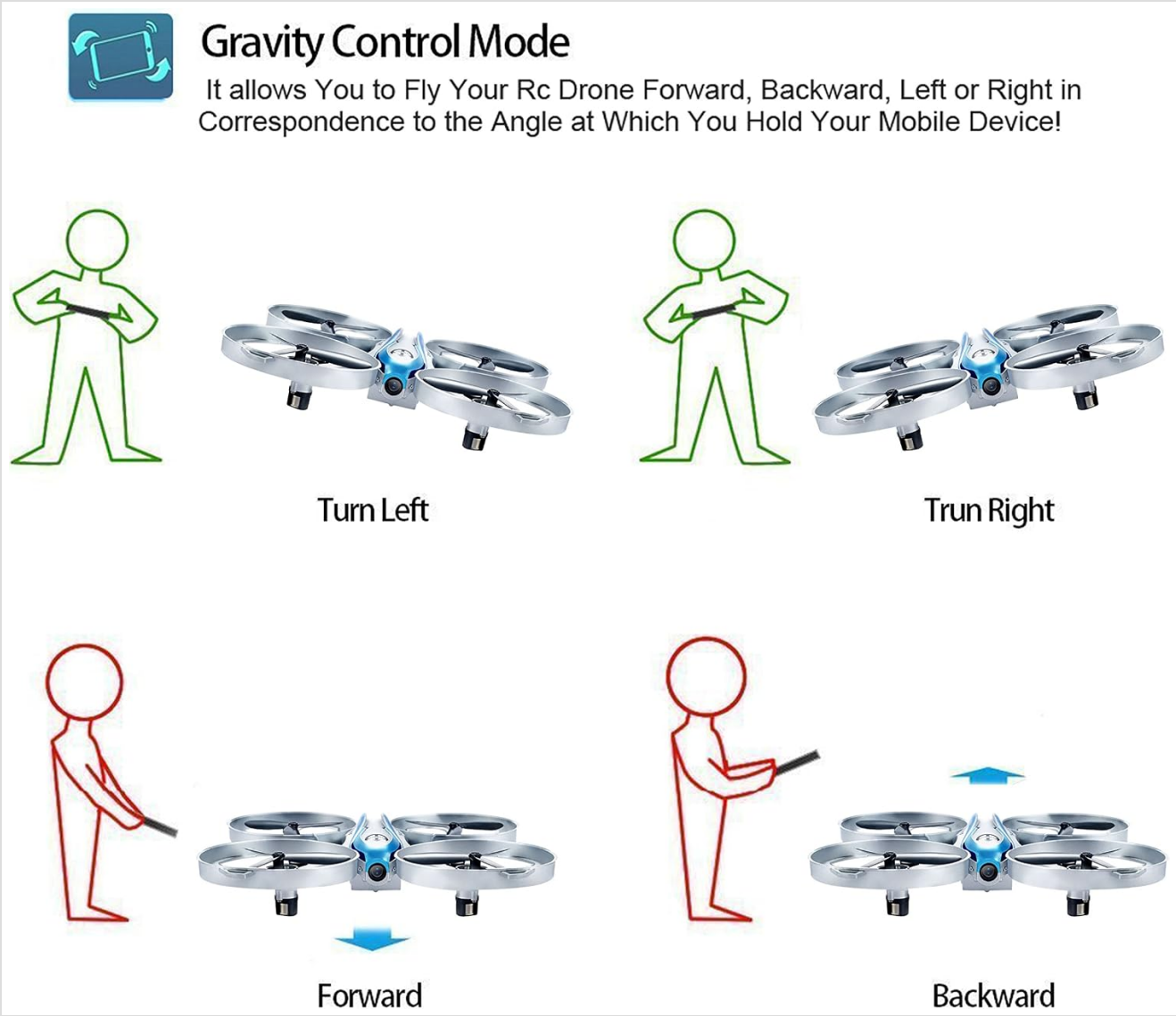


Image 4.2: Diagram illustrating Gravity Control Mode, where tilting the smartphone dictates the drone's direction (Turn Left, Turn Right, Forward, Backward).

- **3 Speed Adjustment:** The app provides options to adjust the drone's flight speed to suit your skill level and environment.
- **Emergency Stop:** A dedicated button in the app allows for an immediate emergency stop of the drone's motors.

4.2. Special Features

- **Headless Mode:** In Headless Mode, the drone's orientation is relative to the pilot, eliminating the need to adjust the aircraft's position before flying. This simplifies control, especially for beginners.
- **360-Degree Flips:** Execute impressive aerial stunts with a single button press in the app.
- **FPV Camera and Real-time Transmission:** The integrated 120° wide-angle HD FPV camera streams live video directly to your smartphone via Wi-Fi, allowing for an immersive first-person view flight experience. Captured video and photos are saved to your mobile device.



Image 4.3: Close-up view of the drone's 120° wide-angle HD camera, designed for real-time FPV transmission.

5. Maintenance

5.1. Blade Replacement

If a propeller blade is damaged, use the provided screwdriver to carefully remove the damaged blade and replace it with a spare blade from your package. Ensure the new blade is securely fastened and oriented correctly.

5.2. Cleaning

Gently wipe the drone's body with a soft, dry cloth to remove dust or debris. Avoid using water or harsh chemicals, as these can damage electronic components.

5.3. Battery Care

- Do not overcharge or over-discharge the Li-Po battery.
- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- If the drone will not be used for an extended period, charge the battery to approximately 50% before storage.

6. Troubleshooting

Problem	Possible Cause	Solution
Live video feed not working in app after Wi-Fi connection.	App initialization issue with Wi-Fi.	Disconnect from drone Wi-Fi, enable mobile data, open app and confirm pop-up, then reconnect to drone Wi-Fi.

Problem	Possible Cause	Solution
Drone not responding to controls.	Low drone battery; poor Wi-Fi connection; app not properly connected.	Charge drone battery; ensure strong Wi-Fi signal; restart app and drone, then reconnect.
Unstable flight.	Damaged propellers; drone not calibrated; windy conditions.	Replace damaged propellers; perform drone calibration (refer to app instructions); fly in calm conditions.
Short flight time.	Battery not fully charged; aging battery.	Ensure battery is fully charged; consider replacing the battery if it's old.

7. Specifications

Feature	Detail
Model	H2
Brand	HASAKEE
Remote Distance	Approximately 50 meters
Working Time	6-8 minutes
Charging Time	Approximately 50 minutes
Drone Dimensions	160 x 160 x 38 mm
Drone Weight	50 grams
Package Dimensions	18.4 x 17.6 x 4.4 cm
Package Weight	140 grams
Recommended Age	14 years and up
Main Material	Plastic
Wireless Communication	Wi-Fi
Battery Type	350mAh Li-Po (included)
Remote Control	Mobile App Control (No physical remote included)
Camera	HD FPV, 120° Wide-angle
Gyroscope	6-Axis
UPC	608803830505

8. Warranty and Support

For warranty information or technical support, please refer to the purchase documentation or contact the seller directly. Keep your proof of purchase for any warranty claims.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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