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AUHIFVAX V88

AUHIFVAX V88 Drone

USER MANUAL

1. Introduction

Thank you for choosing the AUHIFVAX V88 Drone. This professional-grade quadcopter is equipped with advanced features for high-definition aerial photography and stable flight. Please read this manual carefully before operating the drone to ensure safe and optimal performance.

2. Package Contents

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

- 1 x RC Quadcopter
- 1 x Remote Control
- 1 x 3.7V 2200mAh Li-polymer Battery
- 4 x Spare Propellers
- 1 x USB Charging Cable
- 1 x Screwdriver
- 2 x User Manuals



Image: Contents of the AUHIFVAX V88 Drone package, including the drone, remote control, battery, propellers, charging cable, screwdriver, and carrying case.

3. Product Overview

The V88 Drone features a compact, foldable design with advanced capabilities for aerial photography and stable flight.

Key Features:

- **8K HD Dual Camera:** Front wide-angle 8K high-definition WIFI camera and optical flow HD bottom lens for switchable camera angles.
- **EIS Electronic Image Stabilization:** Servo gimbal design enhances stability and clarity of pictures.
- **Altitude Hold Mode:** Stable flight with optical flow positioning and fixed-point function.
- **Long Battery Life:** 3.7V 2200mAh lithium-ion battery provides approximately 45 minutes of flight time.
- **Custom Route:** Draw desired flight paths on the mobile APP.
- **APP Control:** Features include one-key return, headless mode, and various flight directions.
- **Gesture Photography:** Capture photos with simple hand gestures.
- **Brushless Motor:** Provides stronger power and extended service life.
- **5GHz Anti-interference Technology:** Ensures stable connection and control.
- **720° Omnidirectional Obstacle Avoidance:** Enhances flight safety by preventing collisions.

8K dual camera

High definition imaging*
Remote switching perspective



You can freely switch
shooting angles.

Image: Close-up view of the V88 Drone's 8K dual camera system, highlighting its high-definition imaging capabilities and remote switching perspective.

Module battery

Modular battery, durable and easy to install and remove.

2200mAh
Capacity

3.7V
Voltage



Image: The V88 Drone with its modular battery, indicating easy installation and removal, and specifying 2200mAh capacity and 3.7V voltage.

Remote Control Guide



Image: A detailed guide to the V88 Drone's remote control, showing labels for obstacle avoidance switch, speed switching, throttle, one-click takeoff, one-click landing, 360° roll, one-click calibration, direction lever, headless mode, power switch, and fine tuning.

4. Setup

4.1 Unfolding the Drone

Gently unfold the drone's arms until they click into place. Ensure all arms are fully extended before flight.

4.2 Battery Installation

Insert the fully charged 3.7V 2200mAh Li-polymer battery into the designated battery compartment on the drone's body. Ensure it is securely latched.

4.3 Remote Control Setup

Install batteries into the remote control. Extend the phone holder and securely place your smartphone. Download and install the official AUHIFVAX drone application from your device's app store.

4.4 Connecting to the APP

Power on the drone and the remote control. Connect your smartphone to the drone's Wi-Fi network (usually named 'V88-XXXX'). Open the drone application to establish a connection and view the real-time camera feed.

5. Operating Instructions

Familiarize yourself with the remote control and APP interface before your first flight.

5.1 Takeoff and Landing

- **One-Click Takeoff:** Press the dedicated one-click takeoff button on the remote control or in the APP to automatically launch the drone to a stable hovering height.
- **One-Click Landing:** Press the one-click landing button to initiate an automatic descent and landing.

5.2 Flight Modes and Features

- **Intelligent Hovering:** The drone maintains a stable altitude, making it easier to control and capture steady footage.
- **Adjustable Camera:** Manually adjust the angle of the HD camera to capture different perspectives during flight.
- **Real-Time Image Transmission:** View live footage from the drone's camera directly on your smartphone via the APP.
- **Gesture Photography:** Use specific hand gestures in front of the camera to trigger photo or video recording.
- **Trajectory Flight:** Draw a desired flight path on your smartphone screen, and the drone will automatically follow it.
- **360° Roll:** Execute impressive aerial stunts with the 360° roll function.
- **Headless Mode:** Simplifies control by eliminating the need to adjust the drone's orientation relative to the pilot.
- **Obstacle Avoidance:** The drone is equipped with 720° omnidirectional obstacle avoidance sensors to prevent collisions.

Your browser does not support the video tag.

Video: Demonstration of the V88 Drone's key features, including folding, battery installation, app connection, one-click takeoff, intelligent hovering, adjustable camera, real-time image transmission, gesture photography, trajectory flight, 360° roll, and one-click landing.

Trajectory indication

Draw the desired flight trajectory with the trajectory indicator on the mobile app to achieve automatic intelligent flight.



Image: The V88 Drone in flight, illustrating the trajectory indication feature where users can draw a desired flight path on the mobile app for automatic intelligent flight.

Novice customization

Multiple one click controls, no need for cumbersome operating procedures, easy to get started, and immediate takeoff.



Image: The V88 Drone in flight, highlighting its "Novice customization" feature with multiple one-click controls for easy operation and immediate takeoff.

6. Maintenance

- **Cleaning:** Regularly clean the drone body and camera lens with a soft, dry cloth. Avoid using harsh chemicals.
- **Propellers:** Inspect propellers for damage before each flight. Replace any bent or cracked propellers immediately using the provided spare parts.
- **Battery Care:** Store batteries in a cool, dry place. Do not overcharge or over-discharge. If storing for extended periods, charge to about 50% capacity.
- **Storage:** When not in use, fold the drone and store it in its carrying case to protect it from dust and physical damage.

7. Troubleshooting

Problem	Possible Cause	Solution
Drone does not power on	Battery not charged or improperly installed.	Ensure battery is fully charged and correctly inserted.
Cannot connect to APP	Wi-Fi not connected or APP not open.	Connect to the drone's Wi-Fi network and restart the APP.
Unstable flight	Propellers damaged or calibration needed.	Check and replace damaged propellers. Perform one-click calibration.
Short flight time	Battery not fully charged or aging.	Ensure battery is fully charged. Consider replacing old batteries.

8. Specifications

Feature	Detail
Brand	AUHIFVAX
Model Name	V88
Color	Black
Video Capture Resolution	8K
Connectivity Technology	APP Controller, Remote Control, Wi-Fi Connection
Battery Capacity	2200 mAh
Item Weight	550 Grams (approx. 1.21 pounds)
Product Dimensions	8.74"L x 2.64"W x 6.89"H
Material	Plastic
Special Features	High Definition Camera, Integrated GPS, Optical Flow Positioning, Obstacle Avoidance
UPC	600304474974

Packaging box size



Image: Dimensions of the V88 Drone's packaging box and carrying case, showing approximate measurements for length, width, and height.

9. Warranty and Support

For warranty information and technical support, please refer to the contact details provided with your purchase or visit the official AUHIFVAX website. Keep your proof of purchase for any warranty claims.