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SAMVIX V2

SAMVIX K-Fly Kosher Drone V2 - Instruction Manual

MODEL: V2

Introduction

Welcome to the world of aerial technology with the SAMVIX K-Fly Kosher Drone V2. This groundbreaking drone is designed for simplicity, performance, and convenience, offering an immersive flight experience without the need for smartphones or Wi-Fi connections. Equipped with dual HD cameras and a built-in screen on the remote controller, the K-Fly V2 ensures stunning photos and videos with real-time viewing. Its brushless motors and optical flow positioning provide enhanced stability and precision, suitable for both beginners and experienced pilots. The drone and controller feature Type-C rechargeable high-capacity batteries for extended flight times and long-range control.

What's in the Box

Your SAMVIX K-Fly Kosher Drone V2 package includes the following components:

- K-Fly Kosher Drone V2
- Remote Controller with Built-in Screen
- 2 x High-Capacity Rechargeable Batteries
- USB Type-C Charging Cables
- Replacement Propellers
- Screwdriver
- User Manual

Refer to the images below for a visual guide to your drone and its accessories.



Image: The K-Fly Kosher Drone V2 shown alongside its remote controller, highlighting the built-in screen and dual cameras.

K-FLY DRONE V2

The first **kosher drone** with
built-in screen on the remote.
No smartphone or WIFI needed!



Data
Transmission



Dual Cameras



Large Capacity



USB C
Connectivity



Photo & Video



Brushless
Motor

Image: The K-Fly Kosher Drone V2 with its arms unfolded, ready for flight.



Image: A different perspective of the K-Fly Kosher Drone V2 and its remote controller, emphasizing the compact design.

Setup

1. Unfolding the Drone

Gently unfold the drone's arms until they lock into place. Ensure all propellers are free to rotate.

2. Battery Installation and Charging

Insert a charged battery into the drone's designated compartment. Charge both the drone batteries and the remote controller using the provided USB Type-C charging cables.

3. Remote Controller Preparation

Extend the antennas on the remote controller. If desired, attach your smartphone to the phone mount for an alternative viewing experience, though the built-in screen provides direct real-time video.

4. Calibration

Before the first flight or after any significant impact, calibrate the drone's compass and gyroscope for optimal flight stability and accuracy. Refer to the user manual for detailed calibration steps.

Video: This video demonstrates the calibration process for the ZY80 PRO Drone, which is similar to the K-Fly V2. Proper calibration ensures stable flight.

Operating the Drone

1. Power On and Connect

Power on the drone first, then the remote controller. Wait for the devices to establish a connection, indicated

by a steady light on both units.

2. Basic Flight Controls

- **One-Key Takeoff/Landing:** Press the dedicated button on the remote for automatic takeoff or landing.
- **Altitude Hold:** The drone maintains a stable altitude, making it easier to control.
- **Headless Mode:** Simplifies flight by eliminating the need to adjust the drone's orientation relative to the remote controller.
- **Joystick Control:** Use the joysticks to control ascent/descent, forward/backward movement, and left/right turns.

3. Camera Features

The K-Fly V2 features dual HD cameras (front and bottom-facing). Switch between camera views directly from the remote controller. Capture stunning aerial photos and videos with ease.

4. Advanced Flight Modes

- **GPS Follow Mode:** The drone can automatically follow your movements, capturing dynamic footage.
- **Optical Flow Sensor:** Provides enhanced flight stability, especially useful for indoor hovering.
- **One-Key Return to Home:** If the drone loses signal or you press the button, it will automatically return to its takeoff point.

Video: This video provides a general overview of a GPS drone with camera features, demonstrating flight capabilities and controls relevant to the K-Fly V2.

Maintenance

- Regularly inspect propellers for damage and replace if necessary using the provided screwdriver and spare parts.
- Keep the drone and remote controller clean and free from dust and debris.
- Store batteries in a cool, dry place and charge them fully before each use.

Troubleshooting

- **Drone not powering on:** Ensure batteries are fully charged and correctly inserted.
- **Loss of control/signal:** Ensure you are within the drone's operating range and there are no major interferences. Use the One-Key Return to Home feature if needed.
- **Unstable flight:** Perform a compass and gyroscope calibration as described in the Setup section.

For more detailed troubleshooting, please refer to the comprehensive user manual included in your package.

Specifications

- **Product Dimensions:** 12.3 x 10.4 x 8.5 inches
- **Item Weight:** 1.5 pounds

Warranty and Support

For warranty information, technical support, or any inquiries regarding your SAMVIX K-Fly Kosher Drone V2, please refer to the official SAMVIX website or contact their customer support directly. Details can be found in the user manual or on the product packaging.

