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SKYROVER X1 Fly More Combo User Manual

Model: X1 Fly More Combo | Brand: SKYROVER

1. INTRODUCTION

Welcome to the SKYROVER X1 Fly More Combo user manual. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your new drone. The SKYROVER X1 is a high-performance drone designed for capturing stunning aerial photos and videos, featuring 8K photo capabilities, 4K/60fps HDR video, 360-degree obstacle sensing, and an impressive 96-minute flight time with the Fly More Combo.

Please read this manual thoroughly before your first flight to ensure safe and optimal operation of your SKYROVER X1 drone.

2. SAFETY GUIDELINES

Always prioritize safety when operating your drone. Failure to follow these guidelines may result in injury, damage to property, or legal consequences.

- **Pre-Flight Check:** Before each flight, ensure all components are securely attached, batteries are fully charged, and propellers are free from damage.
- **Flight Environment:** Fly in open areas, away from people, buildings, trees, and power lines. Avoid flying in strong winds, rain, snow, or fog.
- **Line of Sight:** Always maintain visual line of sight with your drone during flight.
- **Altitude and Distance:** Adhere to local regulations regarding maximum flight altitude and distance.
- **Battery Safety:** Use only original SKYROVER batteries and chargers. Do not overcharge or puncture batteries. Store batteries in a cool, dry place.
- **Propeller Safety:** Keep hands and face clear of rotating propellers. Power off the drone before handling propellers.
- **Privacy:** Respect the privacy of others when capturing photos or videos.
- **Legal Compliance:** Be aware of and comply with all local drone regulations, including any registration requirements (note: the SKYROVER X1 is under 249g, which may exempt it from FAA registration in the US, but always verify local laws).

3. PACKAGE CONTENTS

The SKYROVER X1 Fly More Combo package includes the following items:

What's in the box



Figure 3.1: SKYROVER X1 Fly More Combo Package Contents

This image displays the complete contents of the Fly More Combo. You will find the SKYROVER X1 drone, the remote controller, three flight batteries, a multi-battery charging hub, spare propellers, a screwdriver, a USB-C charging cable, and a protective carrying case.

- SKYROVER X1 Drone
- Remote Controller
- Intelligent Flight Battery (x3)
- Multi-Battery Charging Hub
- Spare Propellers (multiple sets)
- Screwdriver
- USB-C Charging Cable
- Protective Carrying Case

4. PRODUCT OVERVIEW

The SKYROVER X1 Fly More Combo is designed for ease of use and high-quality aerial capture. Below are the main components:



Figure 4.1: SKYROVER X1 Drone and Accessories

This image shows the SKYROVER X1 drone in its unfolded state, along with the remote controller, the three intelligent flight batteries, and the carrying case. The drone features four propellers and a central camera gimbal.

4.1. Drone Components

- **Foldable Arms:** For compact storage and easy transport.
- **Propellers:** Provide lift and thrust for flight.
- **Gimbal and Camera:** Stabilizes the camera for smooth 4K/60fps HDR video and captures sharp 8K photos. Features a 1/1.32" CMOS sensor.
- **Obstacle Sensing System:** Provides 360-degree obstacle detection for enhanced flight safety.
- **Intelligent Flight Battery:** Powers the drone, offering up to 32 minutes of flight per battery (96 minutes total with 3 batteries).

4.2. Remote Controller

- **Control Sticks:** For precise flight maneuvers.
- **Smartphone Holder:** Securely holds your smartphone for live video feed and app control.
- **Buttons and Dials:** For controlling camera functions, flight modes, and other settings.

5. SETUP

5.1. Charging Batteries

Before first use, fully charge all intelligent flight batteries and the remote controller. Use the provided multi-battery charging hub for efficient charging of the drone batteries.

1. Connect the charging hub to a power source using the USB-C charging cable.
2. Insert the intelligent flight batteries into the charging hub.
3. The indicator lights on the batteries will show charging status. Once fully charged, disconnect them.

5.2. App Installation

The SKYROVER app is required for flight operation and accessing advanced features. Scan the QR code provided in the drone's quick start guide or refer to the video below for installation instructions.

Your browser does not support the video tag.

Video 5.1: SKYROVER App Installation Instruction

This video demonstrates the step-by-step process for installing the SKYROVER application on both iOS and Android devices, which is essential for operating the drone and accessing its features.

5.3. Preparing the Drone for Flight

1. Unfold the drone arms until they click into place.
2. Install a charged intelligent flight battery into the drone.
3. Attach your smartphone to the remote controller's holder.
4. Power on the remote controller, then power on the drone.
5. Open the SKYROVER app and follow the on-screen instructions to connect your device to the drone.

6. OPERATING THE DRONE

6.1. Basic Flight Controls

Familiarize yourself with the remote controller's sticks and buttons. The left stick typically controls altitude and yaw, while the right stick controls forward/backward and left/right movement.

6.2. Camera Features

The SKYROVER X1 is equipped with an advanced camera system for superior image and video quality.



Figure 6.1: Camera Specifications

This image highlights the drone's camera capabilities, including 4K/60fps HDR video recording, 8K/48MP photo resolution, an f/1.7 aperture, and a 1/1.32-inch CMOS sensor for excellent image quality.

- **8K Photo & 4K/60fps HDR Video:** Capture vibrant, noise-free details.
- **Super Night Mode:** Delivers clean, Ultra-HD night shots with minimal noise.
- **Native Vertical Filming:** Capture full-screen vertical videos ideal for social media without cropping.
- **Smart Spotlight & Dual Tracking:** Automatically lock onto and follow moving subjects for smooth, professional shots.

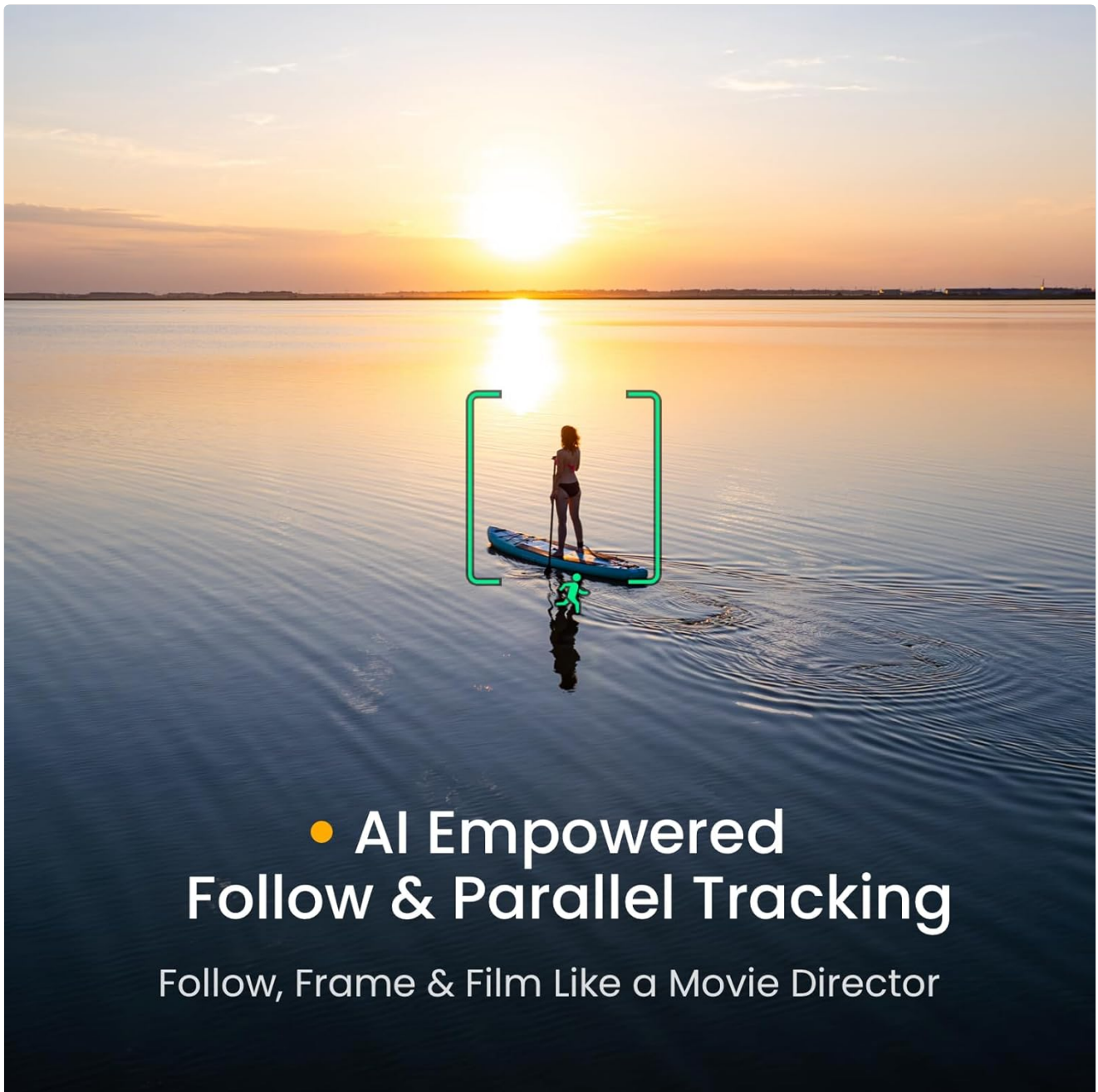


- **Native Vertical Filming**

Create Social-Ready Posts Without Cropping

Figure 6.2: Native Vertical Filming Capability

This image illustrates the drone's ability to perform native vertical filming, perfect for creating content optimized for social media platforms without the need for post-production cropping.



• AI Empowered Follow & Parallel Tracking

Follow, Frame & Film Like a Movie Director

Figure 6.3: AI Empowered Follow & Parallel Tracking

This image demonstrates the drone's AI-powered tracking features, allowing it to follow and frame moving subjects, enabling users to capture dynamic footage effortlessly.

6.3. Flight Performance

- **96-Minute Flight Time:** With the three included batteries, enjoy extended flight sessions.
- **50,000ft (15KM) SkyBridge Transmission:** Ensures stable, smooth 1080p/60fps live feeds over long distances.
- **360° Obstacle Sensing:** Reduces crash risks by detecting obstacles from all directions, ideal for beginners and complex environments.
- **One-Key Auto Return:** Automatically maps a safe return path, dodging obstacles, and landing precisely.

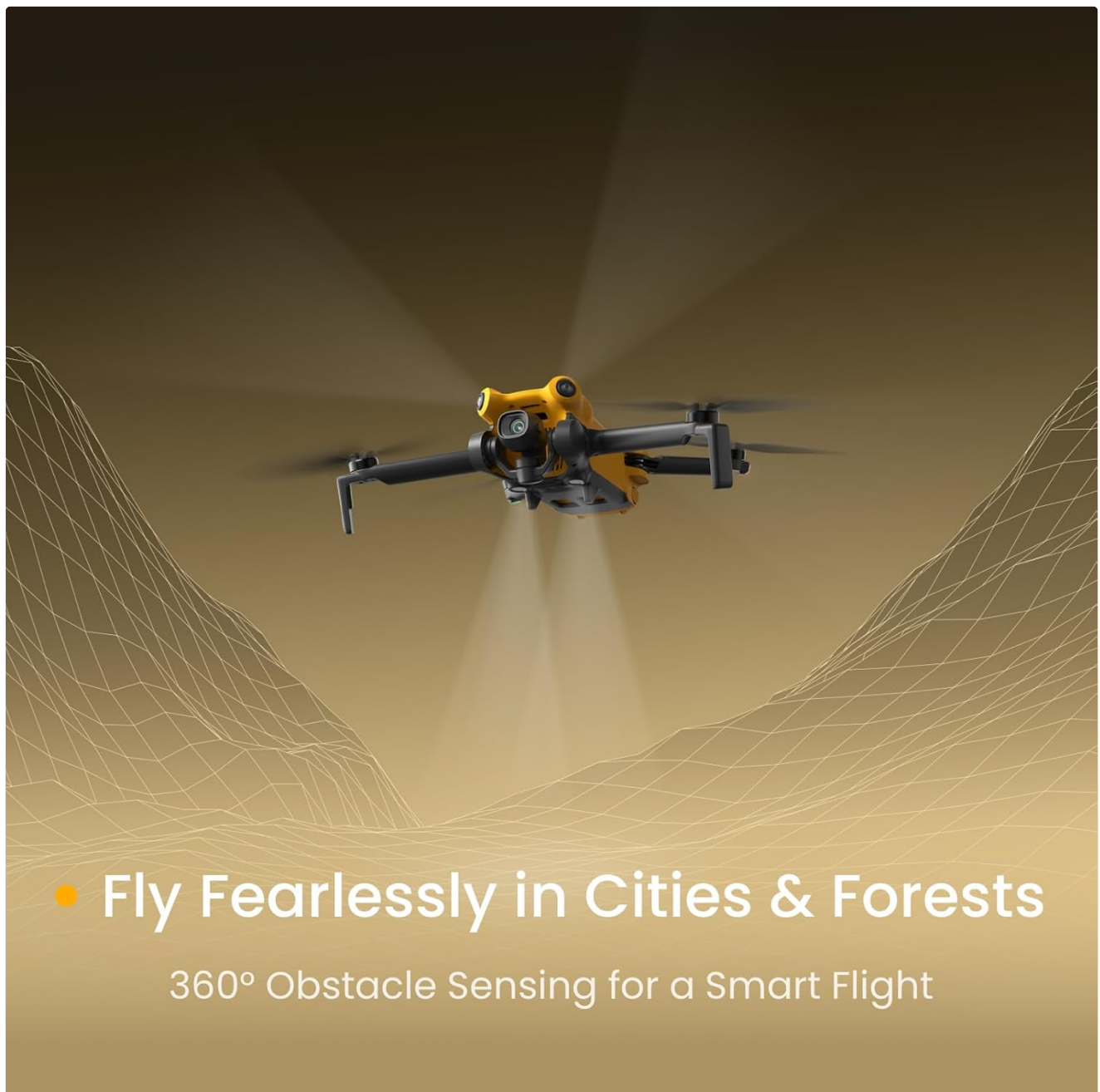


- **<249g, Palm-Sized**

No FAA Registration, Exams, or Training Needed

Figure 6.4: 50,000ft SkyBridge Transmission

This image illustrates the drone's impressive 50,000ft (15KM) transmission range, providing a stable and smooth 1080p/60fps live feed for an immersive flying experience.



- ## Fly Fearlessly in Cities & Forests

360° Obstacle Sensing for a Smart Flight

Figure 6.5: 360° Obstacle Sensing

This image depicts the drone's 360-degree obstacle sensing capability, which helps prevent collisions by detecting objects in all directions, making flights safer, especially in challenging environments.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your SKYROVER X1 drone.

- **Cleaning:** Regularly wipe down the drone and remote controller with a soft, dry cloth. Avoid using harsh chemicals.
- **Propeller Inspection:** Before and after each flight, inspect propellers for cracks, bends, or damage. Replace damaged propellers immediately using the provided screwdriver.
- **Battery Care:** Store batteries at approximately 50% charge if not used for extended periods. Avoid extreme temperatures.
- **Gimbal Protection:** Always attach the gimbal protector when transporting or storing the drone to prevent damage to the camera.

- **Firmware Updates:** Check the SKYROVER app regularly for firmware updates to ensure your drone has the latest features and performance enhancements.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your SKYROVER X1 drone.

Problem	Possible Cause	Solution
Drone does not power on.	Battery not charged or not properly inserted.	Ensure battery is fully charged and securely inserted. Press power button firmly.
No live video feed in app.	Drone not connected to controller/app, or Wi-Fi interference.	Reconnect drone and controller via app. Move to an area with less Wi-Fi interference.
Drone drifts during flight.	Calibration needed or strong winds.	Perform IMU and compass calibration via the app. Avoid flying in strong winds.
Poor image/video quality.	Dirty lens, incorrect settings, or low light.	Clean camera lens. Adjust camera settings (e.g., enable Super Night Mode for low light).
App crashes or freezes.	Outdated app version or device compatibility issues.	Update the SKYROVER app to the latest version. Ensure your smartphone meets minimum system requirements.

9. SPECIFICATIONS

Key technical specifications for the SKYROVER X1 Fly More Combo:

Feature	Detail
Brand	SKYROVER
Model Name	X1
Weight	Under 249 Grams
Video Capture Resolution	4K (4K/60fps HDR)
Effective Still Resolution	48 MP (8K Photo)
Transmission Range	50,000ft (15KM) SkyBridge
Flight Time (with 3 batteries)	Up to 96 minutes
Obstacle Sensing	360-degree
Battery Capacity	2560 Milliamp Hours (per battery)
Dimensions	5.9"L x 3.66"W x 2.6"H (folded)
Connectivity Technology	USB
Material	Plastic

10. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included in your product packaging or visit the official SKYROVER website. Keep your proof of purchase for warranty claims.

If you encounter any issues not covered in this manual or require further assistance, please contact SKYROVER customer support:

- **Online Support:** Visit the SKYROVER official website for FAQs and support resources.
- **Email Support:** Refer to your product packaging or the official website for contact email.

Please have your product model (X1 Fly More Combo) and serial number ready when contacting support.