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EXO EXODROEB3C11B

EXO BlackHawk 3 Pro Drone User Manual

Model: EXODROEB3C11B

1. Introduction

Welcome to the EXO BlackHawk 3 Pro experience. This professional-grade drone features a 4K HDR camera, ultra-long flight time, and advanced navigation capabilities. This manual provides essential information for safe operation, setup, and maintenance of your drone. Please read it thoroughly before your first flight.



The EXO BlackHawk 3 Pro drone in mid-flight, showcasing its sleek design and propellers.

2. Safety Guidelines

Operating the BlackHawk 3 Pro requires adherence to safety protocols. Always prioritize safety to prevent accidents and ensure compliance with regulations.

- **FAA Compliance:** Ensure you are aware of and comply with all local and national aviation regulations, including FAA guidelines for drone operation.
- **Pre-Flight Check:** Always perform a thorough pre-flight inspection of the drone, propellers, battery, and remote controller.

- **Environmental Conditions:** Avoid flying in strong winds (Class 8 Wind Resistance is supported, but extreme conditions should be avoided), heavy rain, or fog.
- **Obstacle Avoidance:** While the drone features omni-directional obstacle avoidance, always maintain visual line of sight and be prepared to take manual control.
- **Battery Safety:** Use only approved batteries and chargers. Do not overcharge or puncture batteries.
- **Respect Privacy:** Be mindful of privacy laws and personal space when operating the drone's camera.



The BlackHawk 3 Pro emphasizes safety and compliance, featuring robust design and adherence to FAA regulations.

3. What's in the Box

Upon unboxing your EXO BlackHawk 3 Pro, verify that all components are present:

- EXO BlackHawk 3 Pro Drone
- Intelligent Flight Battery
- Remote Controller
- Propellers (set)
- Battery Charger
- USB-C Cable
- User Manual (this document)



The EXO BlackHawk 3 Pro drone with its propellers folded, ready for transport.

4. Setup

1. **Charge the Battery:** Fully charge the intelligent flight battery and the remote controller before first use. Connect the charger to a power source and the battery/controller.
2. **Attach Propellers:** Unfold the drone arms. Attach the propellers according to the markings (e.g., silver caps to silver motor bases, black caps to black motor bases). Ensure they are securely fastened.

3. **Insert Battery:** Slide the fully charged battery into the drone's battery compartment until it clicks into place.
4. **Power On:** Press and hold the power button on the drone and then on the remote controller until they power on.
5. **Connect to App:** Download the official EXO drone app on your smartphone. Connect your phone to the remote controller via Wi-Fi or cable (if applicable) and follow the app's instructions for initial calibration and firmware updates.



Side view of the BlackHawk 3 Pro, illustrating the battery insertion point.

5. Operating Your Drone

5.1. Basic Flight Controls

Familiarize yourself with the remote controller. Typically, the left stick controls altitude and yaw, while the right stick controls forward/backward and left/right movement.

5.2. Flight Modes

- **Sport Mode:** For high-speed maneuvers, reaching over 35 MPH. Use in open areas with no obstacles.
- **Film Mode:** Designed for smooth, cinematic shots at a controlled speed of 12 MPH.
- **Normal Mode:** A balanced mode for general flying, offering a speed of 20 MPH.

5.3. Intelligent Navigation Features

- **Omni-directional Obstacle Avoidance:** Sensors detect and help the drone avoid obstacles in all directions.
- **Follow-me:** The drone automatically tracks and follows a designated subject.
- **Return to Home (RTH):** The drone automatically returns to its takeoff point when activated or in case of low battery/signal loss.
- **GPS-enabled Route Fly Mode:** Plan and execute pre-set flight paths using GPS waypoints.



The 'Follow-me' feature allows the drone to autonomously track and film a moving subject.



Omni-directional obstacle avoidance ensures safer flights, even in complex environments like forests.

5.4. Camera Operation

The 48-megapixel camera captures 200mbps HDR 4K video. Use the remote controller or the app to control camera tilt, take photos, and start/stop video recording. Night Mode with its 1/1.3in CMOS Sensor enhances low-light captures.



Capture stunning 4K HDR video and 48-megapixel photos with the integrated camera.

6. Maintenance

- **Propeller Inspection:** Regularly check propellers for cracks, bends, or damage. Replace damaged propellers immediately.
- **Cleaning:** Use a soft, dry cloth to clean the drone body and camera lens. Avoid using harsh chemicals.
- **Battery Care:** Store batteries in a cool, dry place. Do not store fully charged or completely depleted for extended periods.
- **Firmware Updates:** Keep the drone and remote controller firmware updated via the EXO app for optimal performance and new features.

7. Troubleshooting

Problem	Possible Cause	Solution
Drone does not power on	Low or uncharged battery; improperly inserted battery	Ensure battery is fully charged and correctly inserted.
No GPS signal	Flying indoors or in an area with poor satellite reception	Move to an open outdoor area. Wait for GPS lock before takeoff.
Unstable flight	Uncalibrated compass; damaged propellers; strong winds	Perform compass calibration. Check and replace damaged propellers. Avoid flying in strong winds.
App connection issues	Incorrect Wi-Fi connection; outdated app/firmware	Ensure correct Wi-Fi network is selected. Update app and drone firmware. Restart app and controller.

8. Specifications

Brand: EXO

Model Name: EXODROEB3C11B

Color: Black

Video Capture Resolution: 4K HD

Effective Still Resolution: 48 MP

Connectivity Technology: Wi-Fi

Battery Capacity: Up to 53 minutes flight time

Maximum Range: 9+ miles

Special Features: 360° Obstacle Avoidance, Follow-Me, Return to Home, GPS Routing, Night Mode, Class 8 Wind Resistance, 200mbps HDR 4K video quality

Skill Level: Advanced

Material: Metal and Plastic

Item Dimensions (L x W x H): 14.88" x 6.97" x 6.42"

UPC: 840294764987

9. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the official EXO website or contact customer service. Keep your proof of purchase for warranty claims.

Online Resources: Visit the EXO Store on Amazon for additional product information and support.

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