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EXO Recon-1B

EXO Recon Drone - 2 Battery Instruction Manual

Brand: EXO | Model: Recon-1B

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your EXO Recon Drone. Please read this guide thoroughly before operating the drone to ensure proper setup, usage, and maintenance. The EXO Recon Drone is a high-performance quadcopter designed for capturing stunning aerial photography and videography.



Image: The sleek and powerful EXO Recon Drone in flight.

The drone features a 48 Megapixel camera with a 1/1.3in CMOS sensor, capable of 4K UHD video recording at 200mbps, supported by an advanced 3-Axis gimbal for stable footage. It offers a 5+ mile range, 35-minute flight time, and 30MPH+ wind resistance. Smart features like obstacle avoidance, Follow-Me mode, Return to Home, Quickshots, and Hyperlapse enhance the flying experience.

2. WHAT'S IN THE BOX

Your EXO Recon Drone package includes the following components:

- EXO Recon Drone (Model Recon-1B)
- Remote Controller
- 2 x Lithium Ion Batteries
- USB-C Charging Cables
- Extra Propellers
- Screwdriver
- Carry Case



Image: The EXO Recon Drone and its accessories neatly packed in the included travel case.

3. SETUP

3.1 Charging Batteries

Before first use, fully charge both Lithium Ion batteries using the provided USB-C charging cables. The batteries charge faster and transmit more efficiently via USB-C.

3.2 Inserting Batteries and Unfolding Drone

1. Slide a charged battery into the designated slot on the drone until it clicks securely into place.
2. Press the power button on the drone to turn it on.
3. Gently unfold the drone's arms until they snap into their locked position.

3.3 Controller Setup and App Connection

1. Download the dedicated EXO drone app from your device's app store (Google Play or Apple App Store).
2. Attach your smartphone to the remote controller. Note that the controller's phone holder accommodates most phones but may not fit very thick phones or phones with bulky cases.
3. Power on the remote controller.
4. Connect the drone to the app via Wi-Fi.
5. Perform initial calibration. The drone requires calibration each time it is powered on and needs a

direct line of sight to a GPS satellite to function, meaning it must be used outdoors for proper operation.



Image: The remote controller with intuitive controls for easy drone operation.

4. OPERATING THE DRONE

4.1 Basic Flight Controls

Use the joysticks on the remote controller to maneuver the drone. The app provides a live video feed and additional control options. One-button takeoff and landing features simplify initial flight and return procedures.



Image: The remote controller with a smartphone displaying the live drone feed and control interface.

4.2 Smart Flight Features

- **Obstacle Avoidance:** Helps the drone detect and avoid obstacles in its flight path.
- **Follow-Me Mode:** The drone automatically follows a designated subject.
- **Return to Home:** The drone automatically returns to its takeoff point.
- **Quickshots:** Pre-programmed flight patterns for cinematic video clips.
- **Hyperlapse:** Captures dynamic time-lapse videos.
- **Circle Fly:** The drone flies in a circular path around a point of interest.
- **Gesture Selfie:** Allows for hands-free photo capture using gestures.
- **Waypoints:** Program a flight path with multiple waypoints for automated flight.

5. CAMERA FEATURES

The EXO Recon Drone is equipped with a high-quality camera system:

- **Photo Resolution:** 48 Megapixels
- **Sensor:** 1/1.3in CMOS sensor
- **Video Resolution:** 4K UHD at 200mbps
- **Gimbal:** Advanced 3-Axis gimbal for stabilization
- **Features:** HDR, f/1.85 aperture, night mode, zoom capability
- **Adjustable View:** The camera angle can be adjusted mid-flight via the remote controller.



Image: A smooth, real-time video feed captured by the drone's camera.

6. FLIGHT PERFORMANCE

- **Maximum Range:** 5+ Miles
- **Flight Time:** Up to 35 minutes per battery
- **Wind Resistance:** Up to 30MPH+

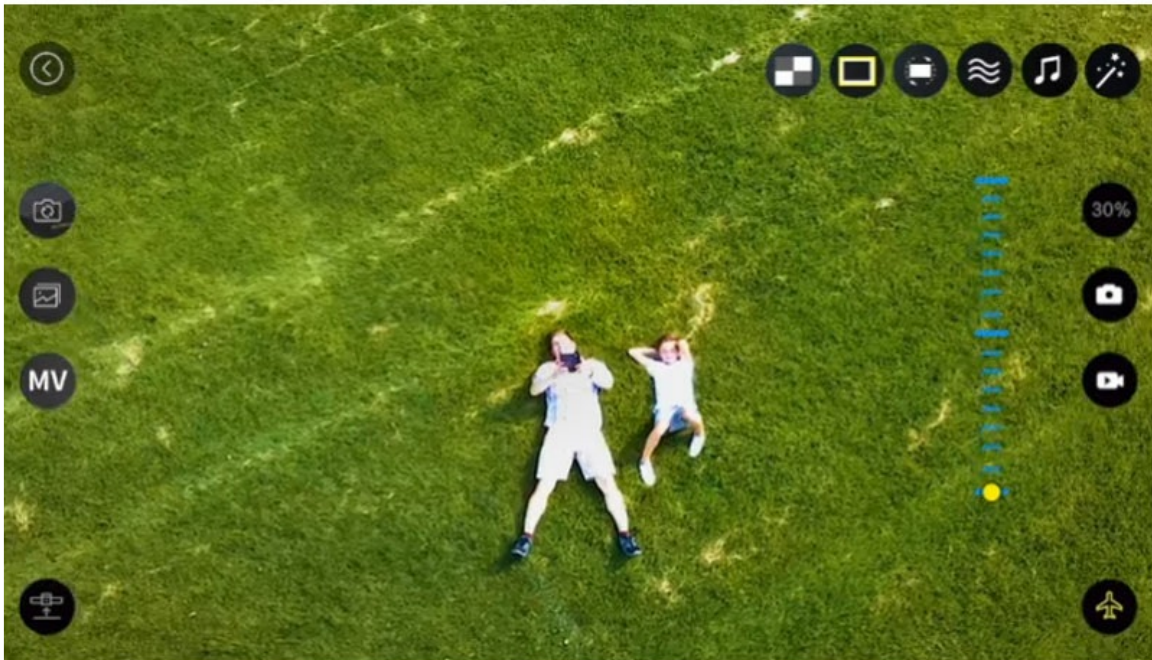


Image: The EXO Recon Drone is versatile for both indoor and outdoor flight.

7. MAINTENANCE

- **Battery Care:** Always ensure batteries are fully charged before flight. Store in a cool, dry place.
- **Propeller Replacement:** In case of damage, use the provided extra propellers and screwdriver for replacement.
- **Cleaning:** Keep the drone and camera lens clean from dust and debris.

8. TROUBLESHOOTING

- **Connectivity Issues:** Ensure the drone is outdoors with a clear line of sight to GPS satellites for proper connection and calibration.
- **Controller Phone Fit:** If your phone does not fit the controller, remove any bulky cases.
- **Physical Damage:** Inspect the drone for any scuff marks or damage upon unboxing. Contact support if significant damage is present.

9. SPECIFICATIONS

Feature	Detail
Brand	EXO
Model Name	Exo Recon Drone - 2 Battery
Model Number	Recon-1B
Age Range (Description)	Adult
Color	Black
Video Capture Resolution	4K
Effective Still Resolution	48 MP
Connectivity Technology	USB
Item Weight	571 Grams
Remote Control Technology	Wi-Fi
Maximum Range	5 Miles
Battery Cell Composition	Lithium Ion
Supported Image Format	DNG, JPEG
Video Output Resolution	1920x1080 Pixels
Optical Sensor Technology	CMOS
Item Dimensions L x W x H	5.1"L x 3.14"W x 2.16"H

10. WARRANTY AND SUPPORT

Your EXO Recon Drone comes with a 1-year membership to EXO Premium, lifetime technical support, and access to EXO repair services. For any issues or inquiries, please refer to the contact information provided in your product packaging or visit the official EXO website.