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> [CHUBORY](#) /

> [CHUBORY A77 4K HD Drone Instruction Manual - Extended Flight & Control Range](#)

CHUBORY A77

CHUBORY A77 4K HD Drone Instruction Manual

Model: A77 | Brand: CHUBORY

1. INTRODUCTION

Welcome to the CHUBORY A77 4K HD Drone instruction manual. This guide provides essential information for setting up, operating, and maintaining your drone to ensure a safe and enjoyable flight experience. The CHUBORY A77 features a brushless motor, 4K HD camera, extended flight time, and a long control range, making it suitable for both beginners and experienced users.

2. WHAT'S IN THE BOX

Your CHUBORY A77 drone package includes the following components:

- CHUBORY A77 Drone
- Remote Control
- 3 Lithium Ion Batteries (providing up to 84 minutes total flight time)
- Carrying Case
- USB Charging Cables
- Extra Propellers
- Screwdriver for maintenance
- User Manual and Warning Labels

Extended Range

PA-enhanced control: 2650 ft range, no signal loss.



Image: The CHUBORY A77 drone, remote control, batteries, and various accessories neatly organized within its protective carrying case.

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Video: An unboxing video demonstrating the contents of the CHUBORY A77 drone package, including the drone, remote, batteries, and accessories.

3. SETUP

3.1 Battery Installation & Charging

The CHUBORY A77 drone comes with three Lithium Ion batteries. Each battery provides approximately 28 minutes of flight time, totaling up to 84 minutes with all three. The remote control is also rechargeable via USB-C.

- Insert a charged battery into the drone's battery slot located at the rear.
- To charge, connect the battery or remote control to a USB power source using the provided USB charging cables.
- The battery indicator lights will show charging status. Ensure full charge before flight.



Image: The CHUBORY A77 drone alongside its three rechargeable batteries, highlighting the power source.

3.2 Controller Assembly & Phone Connection

Assemble the remote control by attaching the joysticks and extending the phone holder. Download the dedicated flight app to connect your smartphone for live view and advanced controls.

- Attach the joysticks to the remote control.
- Extend the phone holder from the top of the remote control.
- Download the official flight app (refer to the user manual for specific app name and QR code).
- Connect your smartphone to the drone's Wi-Fi network (details in app/manual).
- Place your smartphone securely in the remote control's phone holder.



Efficient and Enduring

84 mins

Long-lasting battery

High-torque brushless motor

3 Batteries × 28 Mins

The image features a dark blue drone with a smartphone mounted on top, displaying a live camera feed of a lake and forest. The drone is positioned in the center of the frame. The background is a scenic aerial view of a lake surrounded by dense green forests. The text 'Efficient and Enduring' is at the top, and '84 mins' is prominently displayed in the middle. At the bottom, there are three icons: a lightning bolt in a circle, a propeller in a circle, and three black battery packs. The text 'Long-lasting battery' and 'High-torque brushless motor' are next to the first two icons, and '3 Batteries × 28 Mins' is next to the battery packs.

Image: The CHUBORY A77 remote control with a smartphone mounted, displaying the live camera feed from the drone.

3.3 Pre-Flight Preparation & Calibration

Before your first flight, ensure the drone is properly unfolded and calibrated for stable operation.

- Unfold the drone arms carefully until they lock into place.
- Place the drone on a flat, level surface outdoors in an open area, away from obstacles and crowds.
- Power on the drone and remote control.
- Follow the on-screen instructions in the app to calibrate the drone's compass and gyroscope. This is crucial for stable flight.



Image: The CHUBORY A77 drone fully unfolded, showcasing its propellers and camera, ready for flight.

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Video: A detailed operation guide for the CHUBORY A77 drone, covering initial setup and basic controls.

4. OPERATING THE DRONE

4.1 Basic Flight Controls

The CHUBORY A77 offers intuitive controls for easy flying. Use the joysticks on the remote control or the virtual joysticks in the app for precise movements.

- **One-Touch Takeoff/Landing:** Press the dedicated button on the remote or app for automatic takeoff and landing.
- **Altitude Lock:** Maintains a stable altitude, allowing you to focus on direction and camera control.
- **Speed Control:** Adjust flight speed between low, medium, and high modes via the remote or app.
- **Headless Mode:** Simplifies controls by eliminating the need to orient the drone's front. The drone will move relative to the pilot's position.

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Video: A flight test of the CHUBORY A77 drone, showcasing its stability and responsiveness during operation.

4.2 Advanced Flight Features

Explore the advanced capabilities of your CHUBORY A77 drone for dynamic aerial photography and videography.

- **Follow Me Feature:** The drone automatically tracks and follows a designated subject, keeping them in the frame.
- **3D Flips:** Execute impressive acrobatic flips with a single button press.
- **Gesture Photos/Videos:** Use specific hand gestures to trigger photo capture or video recording.
- **Path Navigation:** Draw a custom flight path on your smartphone screen, and the drone will follow it automatically.
- **Optical Flow Stabilization:** Provides enhanced stability, especially during indoor flights or in areas with weak GPS signals.



Image: The CHUBORY A77 drone demonstrating its 'All-in-one Design' features, including Master mode, Gesture shooting, and Trajectory fly.

4.3 4K HD Camera Operation

Capture stunning aerial footage with the drone's 4K HD camera, featuring a 130-degree wide-angle lens and 90-degree adjustable tilt.

- **Adjustable Camera Angle:** Tilt the camera up to 90 degrees using the remote control or the app to get the perfect shot.
- **Photo/Video Modes:** Switch between 4K/30fps video and 8.3 MP still photos via the app.
- **Live FPV Feed:** View real-time footage directly on your smartphone through the app.



Image: A close-up view of the CHUBORY A77 drone's 4K Ultra HD camera, highlighting its adjustable tilt and wide-angle lens capabilities.

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Video: A promotional video showcasing the 4K camera capabilities and various flight features of the CHUBORY A77 drone.

5. MAINTENANCE

5.1 Propeller Replacement

In case of damage, replace propellers using the provided screwdriver and extra propellers. Ensure correct installation of 'A' and 'B' blades on their respective arms.

5.2 Protective Guards

For indoor flights or beginner use, attach the protective guards to prevent damage to the propellers and drone.

6. TROUBLESHOOTING

If you encounter issues with your CHUBORY A77 drone, please refer to the following common troubleshooting tips:

- **Drone not powering on:** Ensure batteries are fully charged and correctly inserted.
- **Unstable flight:** Perform compass and gyroscope calibration as instructed in the setup section. Ensure flight in an open area away from magnetic interference.
- **No live video feed:** Check your smartphone's Wi-Fi connection to the drone and ensure the flight app is open and connected.
- **Loss of control range:** Ensure no obstructions between the remote control and the drone. Avoid areas with strong signal interference.
- **Propeller issues:** Check for damaged or bent propellers and replace them if necessary. Ensure all propellers are securely attached.

For further assistance, please contact CHUBORY customer support.

7. SPECIFICATIONS

Brand	CHUBORY
Model Name	A77
Item Weight	180 Grams (6.3 ounces)
Video Capture Resolution	4K
Effective Still Resolution	8.3 MP
Connectivity Technology	Wi-Fi
Maximum Range	2650 Feet
Flight Time	Up to 84 minutes (with 3 batteries)
Battery Cell Composition	Lithium Ion
Special Features	4K HD Camera, Extended Flight Time, Long Control Range, Advanced Flight Modes, Optical Flow Stabilization

8. WARRANTY & SUPPORT

Your CHUBORY A77 drone comes with a standard return policy allowing returns within 30 days. For any product-related inquiries, technical support, or warranty claims, please reach out to CHUBORY customer support. Dedicated customer support is available to ensure a worry-free experience. For additional information or to explore more products, visit the [CHUBORY Store on Amazon](#).