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**CHUBORY A77**

# CHUBORY A77 4K Camera Drone User Manual

Model: A77 (F89)

## 1. INTRODUCTION

This manual provides essential instructions for the safe operation and maintenance of your CHUBORY A77 4K Camera Drone. Please read this manual thoroughly before operating the drone to ensure proper usage and to avoid damage or injury. The CHUBORY A77 is a beginner-friendly quadcopter featuring a 4K camera, brushless motors, and intelligent flight functions.



Figure 1: CHUBORY A77 Drone and included accessories.

## 2. SAFETY PRECAUTIONS

To ensure safe operation and prevent injury or damage, please observe the following precautions:

- Always operate the drone in strict accordance with the instructions provided in this manual.
- Abide by all local regulations and laws regarding drone operation.
- Use the drone only in open airspace, away from people, buildings, and obstacles.
- Keep away from fire or flammable materials, especially during battery charging.
- Do not overcharge the drone or controller batteries.
- Ensure the drone's head and controller are oriented in the same direction during connection and calibration.

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Video 1: CHUBORY A77 Drone Operation Guide (0:13 - 0:22 covers precautions).

## 3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- CHUBORY A77 Drone (x1)
- Remote Controller (x1)
- Rechargeable Batteries (x3)
- Spare Propellers (x4)
- USB Charging Cable (x1)
- Screwdriver (x1)
- User Manual (x1)
- Carry Case (x1)
- Protective Guards (x4)

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*Video 2: Unboxing CHUBORY A77, showing all included components.*

## 4. SETUP

### 4.1. Battery Charging (Drone)

Use the original charging cable to charge the drone battery. The red indicator light will illuminate during charging and turn off when fully charged. Charging time is approximately 360 minutes. Do not overcharge.

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*Video 3: CHUBORY A77 Drone Operation Guide (0:23 - 0:41 covers drone battery charging).*

### 4.2. Controller Assembly & Charging

Insert the two joysticks into the controller. Attach the phone holder to the controller. Use the original charging cable to charge the controller. The green indicator light will illuminate during charging and turn off when fully charged. Charging time is approximately 40 minutes. Do not overcharge.

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*Video 4: CHUBORY A77 Drone Operation Guide (0:42 - 1:10 covers controller assembly and charging).*

### 4.3. App Installation

Scan the QR code in the instruction manual to download and install the HFun APP on your smartphone (available for iOS and Android).

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*Video 5: CHUBORY A77 Drone Operation Guide (1:11 - 1:20 covers app installation).*

### 4.4. Drone Assembly

Install the charged battery into the drone. Carefully unfold the drone arms until they lock into position.

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*Video 6: CHUBORY A77 Drone Operation Guide (1:21 - 1:30 covers battery installation and arm unfolding).*

## 4.5. Connecting & Calibration

Turn on the drone and place it on a level surface; the LED will flash. Orient the drone's head and controller in the same direction. Turn on the controller. It will automatically match with the drone. When the controller beeps and the indicator lights stop flashing, the connection is complete. Press the calibration button on the controller; the controller will beep, and the drone indicator lights will quickly flash and then stay on, indicating successful calibration.

To connect your phone for control, turn off cellular data, then turn on WLAN (Wi-Fi) and connect to the WLAN network starting with "JJRC". Open the HFun app, select Flight mode, and click "Start" to use the app. If controlling via phone, do not connect the physical controller to the drone.

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*Video 7: CHUBORY A77 Drone Operation Guide (1:31 - 2:40 covers connecting the controller, calibration, and connecting your phone).*

## 5. OPERATING INSTRUCTIONS (BASIC FLIGHT)

### 5.1. One-Key Ascend/Descend

Press the "Take-off/Land" button. The drone will automatically take off to 1.5 meters height and hover. Press it again to land.

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*Video 8: CHUBORY A77 Drone Operation Guide (2:43 - 2:50 covers one-key ascend).*

### 5.2. Joystick Controls

- **Left Joystick:**

- Push up: Drone flies upward.
- Push down: Drone flies downward.
- Push left: Drone turns left.
- Push right: Drone turns right.

- **Right Joystick:**

- Push up: Drone flies forward.
- Push down: Drone flies backward.
- Push left: Drone flies to the left.
- Push right: Drone flies to the right.

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*Video 9: CHUBORY A77 Drone Operation Guide (2:51 - 3:30 covers left and right joystick controls).*

### 5.3. Hover

Release all joysticks, and the drone will automatically hover in place.

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*Video 10: CHUBORY A77 Drone Operation Guide (3:31 - 3:35 covers hover function).*

## 5.4. Fine-tuning

If the drone leans to one side while hovering, use the fine-tuning function to correct its direction. Press the fine-tuning button and listen for a beep. Then, move the joystick in the opposite direction to adjust and calibrate until the aircraft does not deviate. If there is no operation for 5-6 seconds after entering fine-tuning, the function will automatically exit.

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*Video 11: CHUBORY A77 Drone Operation Guide (3:36 - 4:04 covers fine-tuning function).*

## 5.5. Speed Modes

Press the Speed button on the controller. One beep indicates Low Speed, two beeps indicate Medium Speed, and three beeps indicate High Speed. Use High Speed Mode when flying outdoors.

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*Video 12: CHUBORY A77 Drone Operation Guide (4:05 - 4:19 covers speed modes).*

## 5.6. Flips & Rolls

When the drone is more than 3 meters high, click the "360" button and then push the right joystick in the desired direction. The drone will perform a flip or roll in that direction.

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*Video 13: CHUBORY A77 Drone Operation Guide (4:20 - 4:31 covers flips and rolls).*

## 5.7. Headless Mode

In Headless Mode, you do not need to distinguish the direction of the drone's nose; you control the drone's flight based on the direction of the controller joystick. To activate, press the Headless Mode button. The controller emits a beep sound, the drone indicator light flashes, and the drone enters headless mode. Press the button again to exit.

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*Video 14: CHUBORY A77 Drone Operation Guide (4:32 - 5:01 covers headless mode).*

## 5.8. Landing

There are three landing methods: One-Key Landing (press the Take-off/Land button), Emergency Stop (long press the Take-off/Land button), and pressing the left joystick to descend.

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*Video 15: CHUBORY A77 Drone Operation Guide (5:02 - 5:11 covers landing methods).*

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# 6. ADVANCED FEATURES

## 6.1. Taking Photo and Video

To take a photo, click the Taking Photo icon in the HFun app. To shoot a video, click the Recording icon in the HFun app.

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*Video 16: CHUBORY A77 Drone Operation Guide (5:14 - 5:27 covers taking photos and shooting video).*

## 6.2. Switching Camera

Click the Switch Camera icon in the HFun app to switch between different camera combinations (front/bottom).

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*Video 17: CHUBORY A77 Drone Operation Guide (5:28 - 5:39 covers switching cameras).*

## 6.3. Adjusting Camera Angle

Slide the Camera Angle Adjustment knob on the controller to adjust the angle of the front camera 90 degrees up and down.

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*Video 18: CHUBORY A77 Drone Operation Guide (5:40 - 5:47 covers adjusting camera angle).*

## 6.4. Gesture Photo and Video

About 2 meters in front of the drone, hold a "YEAH" gesture for 3 seconds to take photos. Make a "PALM" gesture to shoot video. Make the same gesture again to end the recording.

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*Video 19: CHUBORY A77 Drone Operation Guide (5:48 - 6:00 covers gesture photo and video).*

## 6.5. Using Your Phone to Control the Drone

If you want to use your phone to control the drone, do not connect the physical controller. Only connect your phone to the drone's Wi-Fi network. Open the HFun app, select Flight mode, and click "Start". You can then control the drone through the app interface.

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*Video 20: CHUBORY A77 Drone Operation Guide (6:04 - 6:35 covers connecting your phone for control).*

## 6.6. App Settings and Operation Interface

Within the HFun app settings, you can choose control mode (e.g., Left Hand mode, Right Hand mode), language, and access detailed help. The app's operation interface provides various functions like electronic cloud table, filter, trajectory flight, revolve lens, palm control, VR, headless mode, change speed, take photos, shoot videos, and more.

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*Video 21: CHUBORY A77 Drone Operation Guide (6:40 - 6:51 covers app settings and operation interface).*

## 6.7. Follow Me Mode

Click the Follow Me icon in the bottom right corner of the app operation interface to switch to Master Mode. Position yourself 2 meters ahead of the drone. The drone will automatically recognize you (indicated by a blue box). Click on yourself in the blue box on the phone screen, and the box will turn red. The drone will then lock onto you and automatically follow you.

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*Video 22: CHUBORY A77 Drone Operation Guide (6:52 - 7:14 covers Follow Me Mode).*

## 6.8. Trajectory Flight

Click the Trajectory Flight icon, then draw a trajectory in the frame on the right side of the screen. The drone will fly based on this drawn trajectory.

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*Video 23: CHUBORY A77 Drone Operation Guide (7:15 - 7:24 covers Trajectory Flight).*

## 6.9. MV (Media Editing)

Click the MV icon in the app to access features like filters, scenes, music, and one-key sharing functions for your captured media.

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*Video 24: CHUBORY A77 Drone Operation Guide (7:25 - 7:31 covers MV features).*

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# 7. MAINTENANCE

## 7.1. Propeller Replacement

If a propeller is damaged or deformed, replace it immediately. Install propeller blades according to the letter markings on the blades and drone arms. 'A' blades are installed on 'A' arms, and 'B' blades on 'B' arms.

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*Video 25: CHUBORY A77 Drone Operation Guide (7:32 - 7:48 covers propeller replacement).*

## 7.2. Protective Guards Installation

If flying indoors, it is recommended to use the protective guards. Install the guards according to the letter markings on the guards and drone arms. 'A' guards are installed on 'A' arms, and 'B' guards on 'B' arms.

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*Video 26: CHUBORY A77 Drone Operation Guide (7:49 - 8:08 covers protective guards installation).*

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# 8. TROUBLESHOOTING

If you encounter any issues during operation, please refer to the detailed troubleshooting section in the printed user manual or contact customer support.

- **Drone not responding:** Ensure both drone and controller are fully charged and properly connected/calibrated.

- **Unstable flight:** Perform calibration on a level surface. Check for damaged propellers and replace if necessary.
- **App connectivity issues:** Ensure cellular data is off and Wi-Fi is connected to the drone's network.

## 9. SPECIFICATIONS

Feature	Detail
Brand	CHUBORY
Model Name	A77 (F89)
Control Range	Up to 2650ft
Flight Time	60 minutes (with 3 batteries)
Camera	Dual 4K HD Cameras (120° Wide-Angle)
Motors	Brushless Motors
Connectivity	Wi-Fi
Item Weight	Under 249g (153 Grams / 5.4 ounces)
Battery Cell Composition	Lithium Ion
Product Dimensions	3.74"L x 3.74"W x 1.18"H

## 10. WARRANTY AND SUPPORT

The CHUBORY A77 drone is backed by a 1-year warranty and lifetime customer support. For assistance, please refer to the contact information provided in your product packaging or visit the official CHUBORY website.



# Full flight support!



- Manual
- Quick Start Guide
- Operation Video
- 24/7 Email Assistance

Figure 2: CHUBORY A77 Drone with included documentation.

## Related Documents - A77

	<p><a href="#">Chubory F89 Foldable Drone: Operating Manual &amp; Features</a></p> <p>Discover the Chubory F89 foldable drone with this comprehensive operating manual. Learn about setup, flight controls, battery care, and advanced features for an optimal flying experience.</p>
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	<p><a href="#">CHUBORY F89 Super Endurance Foldable Drone Operating Manual</a></p> <p>Learn to operate the CHUBORY F89 Super Endurance Foldable Drone with this comprehensive operating manual. Discover setup, flight controls, battery charging, safety tips, and more for an optimal flying experience.</p>
	<p><a href="#">CHUBORY A77 Super Endurance Foldable Drone Operating Manual</a></p> <p>This operating manual provides comprehensive instructions for the CHUBORY A77 Super Endurance Foldable Drone. It details setup, pre-flight checks, operation, safety guidelines, and troubleshooting for users aged 16 and above. Discover the features of this foldable drone and ensure safe, optimal performance. Visit <a href="http://www.chubory.com">www.chubory.com</a> for more details.</p>
	<p><a href="#">Chubory F89 Drone Quick Start Guide</a></p> <p>A quick start guide for the Chubory F89 drone, covering setup, pairing, calibration, and flight controls.</p>
	<p><a href="#">Chubory F89 Drone Quick Start Guide</a></p> <p>A comprehensive quick start guide for the Chubory F89 drone, covering setup, operation, and flight modes. Includes diagrams and instructions for charging, pairing, calibration, and flight control.</p>
	<p><a href="#">CHUBORY F89 Foldable Drone Operating Manual - Features, Setup, and Flight Guide</a></p> <p>Comprehensive operating manual for the CHUBORY F89 Foldable Drone. Learn about setup, battery charging, remote control functions, flight modes, app integration, and troubleshooting.</p>