

CHUBORY A68

CHUBORY A68 Brushless Motor Drone User Manual

Model: A68 | Brand: CHUBORY

1. INTRODUCTION

This manual provides essential information for the safe operation and maintenance of your CHUBORY A68 Brushless Motor Drone. Please read it thoroughly before first use and retain it for future reference.

2. SAFETY PRECAUTIONS

To ensure safe operation and prevent injury or damage, strictly adhere to the following guidelines:

- Always operate the drone in strict accordance with the instructions provided in this manual.
- Abide by all local regulations and laws regarding drone operation.
- Operate the drone only in open airspace, away from people, buildings, and obstacles.
- Ensure the drone is fully charged and calibrated before each flight.
- Do not overcharge the batteries.
- Keep batteries away from fire or flammable materials during charging.



Image Description: An image split into two halves. The left half shows a drone flying over an open green field under a cloudy sky with a green checkmark, indicating safe flying conditions. The right half shows a drone flying over a crowded city street with a red 'X' mark, indicating unsafe flying conditions. This illustrates the importance of flying in open airspace and adhering to regulations.

3. PRODUCT OVERVIEW

The CHUBORY A68 is a brushless motor drone designed for beginners, featuring a 2K HD camera, auto hover, 3D flips, headless mode, and trajectory flight. It comes with two batteries for extended flight time and a portable carrying case.



Image Description: A comprehensive view of the CHUBORY A68 drone and its included accessories. The main drone unit is shown at the top, with a folded version below it. Other components include the remote controller, two batteries, a USB charging cable, spare propellers, propeller guards, and a compact carrying case.

4. SETUP GUIDE

4.1. Unboxing and Initial Inspection

Open the box and carefully remove all components. Verify that all items listed in the packing list are present and undamaged.

4.2. Charging the Battery

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 180 minutes. Do not overcharge.



Image Description: A close-up image showing a drone battery being inserted into the drone's compartment. Text overlays indicate that the drone comes with 2 batteries, providing up to 36 minutes of flight time, and features secure charging.

4.3. Assembling the Controller

Insert 3 AA batteries into the controller. Ensure correct polarity.

4.4. Propeller Installation and Check

If propellers are damaged or deformed, replace them immediately. Install propellers according to the letter markings (A blade on A arm, B blade on B arm).

BRUSHLESS MOTOR



Stronger motivation



Longer service life
4 TIMES

Image Description: A close-up view of the drone's propellers and motor mounts. The image highlights the 'A1' and 'B1' markings on the propeller arms, indicating the correct placement for the corresponding propellers.

4.5. Unfolding Drone Arms and Power On

Install the battery onto the drone. Unfold the drone arms. Place the drone on a level surface and turn it on. The LED lights on the drone will flash.

4.6. App Download and Phone Connection

Scan the QR code in the instruction manual to download and install the 'WIFI_UAV' app on your smartphone (available for iOS and Android). Turn off your phone's cellular network, then turn on Wi-Fi and connect to the drone's Wi-Fi network (e.g., 'FLOW_8K_6B60CF').

4.7. Controller Connection and Calibration

Orient the drone's head and controller in the same direction. Long press the power button on the controller to turn it on. Push the left joystick to the highest point, then push it back to the lowest point. When the controller emits two beeps and the indicator lights on both the controller and the drone stop flashing, the connection is successful.

To calibrate, press the calibration button on the controller. The controller will beep, and the drone indicator light will quickly flash and then stay on, indicating successful calibration.

Video Description: An official operation video for the CHUBORY A68 Drone, demonstrating the unboxing, battery charging, controller assembly, app installation, propeller check, drone power-on, controller connection, and calibration steps. This video provides a visual guide for initial setup.

5. OPERATING INSTRUCTIONS

5.1. Basic Flight Controls

- **One-Key Ascend:** Press the 'One-Key Ascend' button. The drone will automatically take off to 1.5 meters height and hover.
- **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.
- **Hover:** Release all joysticks, and the drone will hover in place.

5.2. Advanced Flight Modes

- **3 Speed Mode:** 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.
- **Flip & Rolls:** When the drone is more than 3 meters high, click the '360°' button and then push the right joystick. The drone will perform a roll in the direction the joystick was pushed.
- **Headless Mode:** In Headless Mode, you do not need to distinguish the direction of the drone's nose; just control the drone's flight based on the direction of the controller joystick. Press the Headless Mode button; the controller emits a beep, and the drone indicator light flashes. Press the button again to exit.
- **Trajectory Flight:** In the app, click the 'Trajectory Flight' icon, then draw the desired flight path on the screen. The drone will fly along this trajectory.

5.3. Landing

There are three landing methods:

- **One-Key Landing:** Press the 'One-Key Landing' button.
- **Emergency Stop:** Long press the 'STOP' button.
- **Manual Descent:** Press the left joystick to descend.

6. PHOTO AND VIDEO FUNCTIONS

6.1. Taking Photos and Shooting Videos

- **Taking Photo:** Click the 'Taking Photo' icon in the app to capture a still image.

- **Shooting Video:** Click the 'Recording' icon in the app to start recording video. Click again to stop.

6.2. Camera Adjustments and Gestures

- **Switching Camera:** Click the 'Switch Camera' icon in the app to toggle between different camera views.
- **Adjusting Camera Angle:** Use the camera angle adjustment button on the controller to adjust the angle of the front camera up and down by 90 degrees.
- **Gesture Photo and Video:**
 - To capture a photo, click the gesture icon in the app, stand approximately 2 meters in front of the camera, and hold the 'YEAH' gesture for 3 seconds.
 - To shoot video, make a 'PALM' gesture. Make the same gesture again to end the recording.

7. MAINTENANCE AND CARE

- **Propeller Maintenance:** Regularly inspect propellers for damage or deformation. Replace immediately if any issues are found.
- **Battery Care:** Always use the original charging cable. Avoid overcharging. Store batteries in a cool, dry place away from extreme temperatures.
- **Protective Guards:** If flying indoors or in confined spaces, it is recommended to use the provided protective guards. If protective guards become deformed, they will automatically return to their original shape after a few days.
- **Cleaning:** Use a soft, dry cloth to clean the drone and controller. Avoid using harsh chemicals or solvents.

8. TROUBLESHOOTING

If you encounter any issues with your CHUBORY A68 drone, please refer to the following common troubleshooting steps:

- **Drone not powering on:** Ensure the battery is fully charged and correctly inserted.
- **Controller not connecting:** Re-perform the controller connection and calibration steps. Ensure the drone and controller are oriented in the same direction.
- **App connection issues:** Ensure your phone's cellular data is off and it is connected to the drone's Wi-Fi network. Restart the app and try again.
- **Unstable flight:** Re-calibrate the drone. Check propellers for damage and replace if necessary. Ensure you are flying in suitable conditions (e.g., low wind).
- **Poor camera feed:** Ensure a stable Wi-Fi connection between the drone and your phone.

For more detailed troubleshooting or persistent issues, please refer to the full instruction manual or contact customer support.

9. SPECIFICATIONS

Feature	Detail
Brand	CHUBORY
Model Name	A68
Special Features	Optical Flow Positioning, Altitude Hold, 3D Flips, Headless Mode, Gesture Selfie, Trajectory Flight, 2K HD Camera, Extended Flight Time

Age Range (Description)	All Ages, Youth
Video Capture Resolution	2K
Connectivity Technology	Wi-Fi
Included Components	Battery, Carrying Case, Controller, Drone, Propeller, Screw, Screwdriver, USB Charger, User Manual
Skill Level	All
Item Weight	150 Grams (5.3 ounces)
Battery Capacity	1800 Milliamp Hours
Material	Composite
Product Dimensions	9.44"L x 7.08"W x 2.95"H

10. WARRANTY AND SUPPORT

The CHUBORY A68 Drone comes with a one-year warranty and a permanent support guarantee. For any inquiries or assistance, please contact CHUBORY customer service.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question