

[Manuals.plus](#) /

› [CHUBORY](#) /

› CHUBORY X10 PRO Drone Instruction Manual

CHUBORY X10 PRO

CHUBORY X10 PRO Drone Instruction Manual

Model: X10 PRO

1. INTRODUCTION

This manual provides essential information for the safe operation and maintenance of your CHUBORY X10 PRO Drone. Please read this manual thoroughly before operating the drone to ensure proper function and to prevent damage or injury. The CHUBORY X10 PRO is a mid-sized GPS drone designed for aerial photography and videography, featuring a 4K UHD camera, extended flight time, and intelligent flight modes.

2. WHAT'S IN THE BOX

Carefully unpack all items and verify that all components are present. If any items are missing or damaged, please contact customer support.

- CHUBORY X10 PRO Drone
- Remote Controller
- Flight Batteries (x3)
- USB Charging Cable
- Spare Propellers
- Screwdriver
- Carrying Case



The CHUBORY X10 PRO drone kit includes the drone, remote controller, three flight batteries, charging cable, spare propellers, screwdriver, and a carrying case.

Unboxing and Review Video

This video provides an unboxing and review of the CHUBORY X10 PRO GPS Drone with Camera, detailing its components and initial impressions.

3. SETUP

3.1 Drone Assembly

1. **Unfold the Drone Arms:** Gently unfold the front and rear arms of the drone until they click into place. Ensure all arms are fully extended.
2. **Install Propellers (if necessary):** If propellers are not pre-installed, attach them according to the markings (A/B) on the propellers and motor arms. Use the provided screwdriver to secure them.

3.2 Battery Installation and Charging

The drone comes with three batteries, providing up to 90 minutes of flight time (30 minutes per battery).

1. **Charge Batteries:** Connect the flight batteries to the USB charging cable and plug it into a suitable USB power source (e.g., computer, USB wall adapter). The indicator light on the battery will show charging status. Charge all batteries fully before first use.
2. **Install Battery:** Insert a fully charged battery into the battery compartment on the drone until it clicks securely into place.



The drone is supplied with three batteries, allowing for an extended flight experience of up to 90 minutes in total.

3.3 Remote Controller Setup

1. **Install Controller Batteries:** Insert 3 AA batteries (not included) into the remote controller's battery compartment.
2. **Attach Phone Holder:** Extend the phone holder on the remote controller to securely mount your smartphone.

3.4 App Installation and Connection

1. **Download App:** Scan the QR code in the quick start guide or search for the official CHUBORY drone app in your

smartphone's app store.

2. **Connect to Drone Wi-Fi:** Turn on the drone and the remote controller. On your smartphone, go to Wi-Fi settings and connect to the drone's Wi-Fi network (e.g., "CHUBORY-X10PRO-XXXX").
3. **Launch App:** Open the CHUBORY drone app. The app should automatically connect to the drone, displaying a live FPV feed.

3.5 GPS Signal Acquisition

For stable outdoor flight and advanced features, GPS signal acquisition is crucial.

1. **Outdoor Placement:** Place the drone on a flat, open surface outdoors, away from tall buildings or interference.
2. **Wait for GPS Lock:** The drone will automatically search for GPS signals. The GPS indicator lights on the drone will change from a slow flash to a solid light when sufficient GPS satellites (typically 9 or more) are acquired.
3. **Unlock Drone:** Once GPS lock is achieved, you can unlock the drone and proceed with flight.



The drone utilizes GPS for stable flight and features like Auto Return Home, which activates upon low battery or signal loss.

Quick Start Guide Video

This video provides a quick start guide for the X10 PRO GPS Drone, covering initial setup and basic functions.

4. OPERATING INSTRUCTIONS

4.1 Pre-Flight Checklist

- Ensure all batteries (drone and controller) are fully charged.
- Check propellers for any damage or obstructions.
- Ensure the drone arms are fully unfolded and locked.
- Verify a strong GPS signal (for outdoor flight).
- Check for clear airspace and suitable weather conditions.

4.2 Basic Flight Controls

Familiarize yourself with the remote controller's joysticks and buttons.

- **Left Joystick:** Controls altitude (up/down) and rotation (yaw left/right).
- **Right Joystick:** Controls forward/backward movement (pitch) and left/right movement (roll).
- **One-Key Take-off/Landing:** Press the designated button for automatic take-off or landing.



The CHUBORY X10 PRO offers a long control range of up to 3280 feet, allowing for extensive exploration.

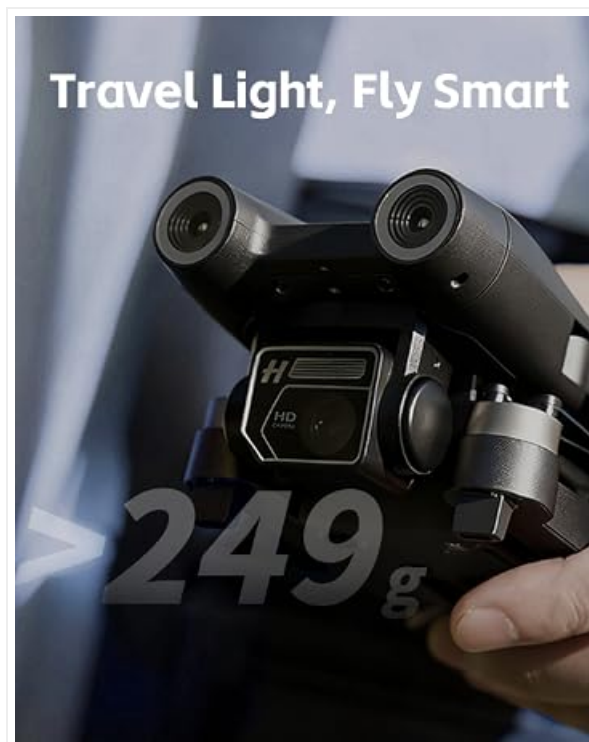
4.3 Advanced Flight Modes

The CHUBORY X10 PRO includes several intelligent flight modes for enhanced control and creative shots.

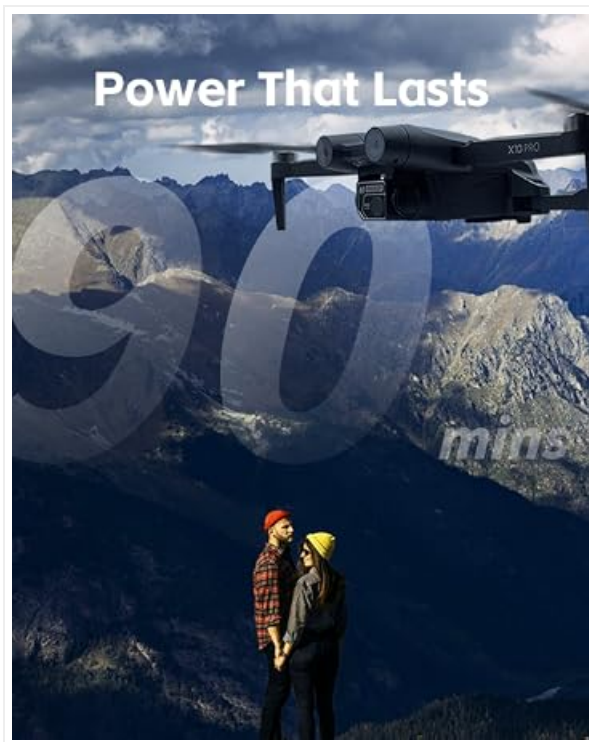
- **Auto Return Home:** The drone automatically returns to its take-off point if the battery is low, signal is lost, or the RTH button is pressed.
- **Follow Me Mode:** The drone will autonomously follow the remote controller or a designated target.
- **Point of Interest:** The drone will circle around a specified point or object, maintaining focus.
- **Tap Fly:** Tap a destination on the app's map, and the drone will fly to that location.
- **Gesture Photography:** Use specific hand gestures to trigger photo or video capture.



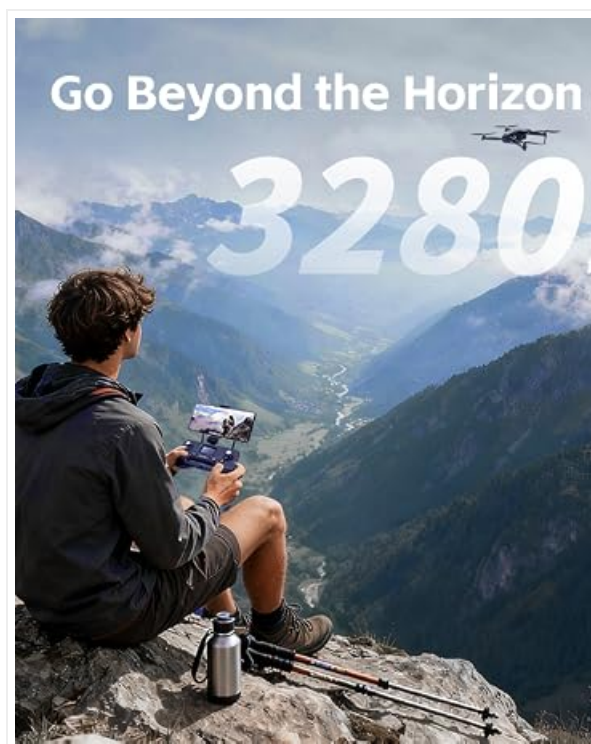
Capture moments effortlessly using intuitive hand gestures with the Gesture Photography feature.



The X10 PRO can automatically circle or maintain focus on a specific location or object using Point of Interest mode.



Navigate effortlessly by simply tapping your destination on the screen with the Tap Fly feature.



The X10 PRO autonomously tracks and follows a target, typically a person or object, using Smart Follow mode.

4.4 Camera Operation

The drone is equipped with a 4K UHD camera for high-quality photo and video capture.

- **Adjust Camera Angle:** The camera's 100° expansive-view optic can be adjusted up to 90° via the remote controller or the app.
- **Photo/Video Capture:** Use the dedicated buttons on the remote controller or the app interface to take photos (4096x3072) or record videos (2048x1080).
- **Live FPV Feed:** View real-time footage on your connected smartphone via 5G FPV transmission.

High-definition Picture Quality

4K Camera, FOV 100°, 90° Remotely Adjustable



Lens Performance



The 4K UHD camera provides superior clarity visuals, with a 100° wide-angle lens adjustable up to 90°.

Operation Guide Video

This comprehensive video guides you through the operation of the CHUBORY X10 PRO Drone, covering various flight functions and controls.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your drone.

- **Battery Care:** Store batteries in a cool, dry place. Do not overcharge or over-discharge. If not used for extended periods, charge them to about 50-60% capacity.
- **Propeller Inspection:** Regularly check propellers for cracks, bends, or other damage. Replace damaged propellers immediately using the provided spare parts and screwdriver.
- **Cleaning:** Use a soft, dry cloth to clean the drone body and camera lens. Avoid using harsh chemicals or solvents.

- **Motor Inspection:** Ensure motors are free from dust and debris. Do not attempt to lubricate or disassemble the motors.

6. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Drone does not power on	Low battery; improperly installed battery	Charge battery fully; ensure battery is securely inserted.
No FPV feed on smartphone	Not connected to drone Wi-Fi; app not open	Connect to drone's Wi-Fi network; open the CHUBORY app.
Drone drifts during flight	Insufficient GPS signal (outdoor); calibration needed	Ensure strong GPS signal; perform compass calibration as per app instructions.
Remote controller not responding	Low controller battery; not paired with drone	Replace controller batteries; re-pair controller with drone (refer to quick start guide).
Drone returns home unexpectedly	Low battery; signal loss; RTH button pressed	This is a safety feature. Monitor battery levels and maintain line of sight.

If the problem persists, please refer to the official CHUBORY support resources or contact customer service.

7. SPECIFICATIONS

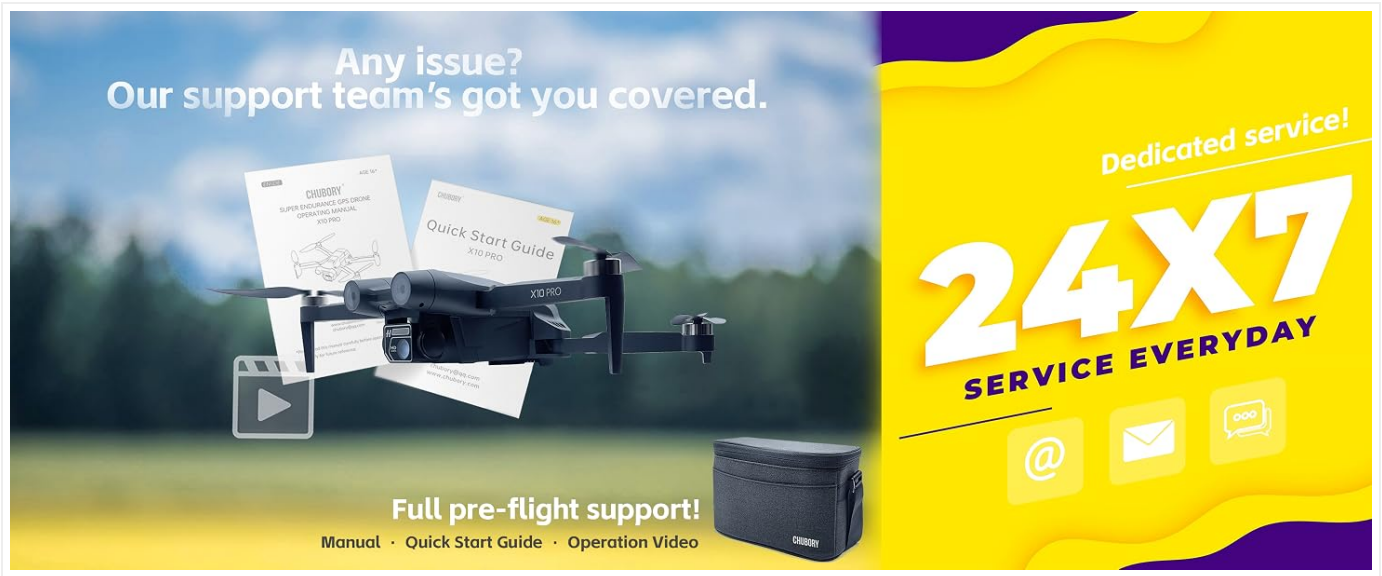
Feature	Detail
Brand	CHUBORY
Model Name	X10 PRO
Item Weight	235 g (under 0.55lb)
Dimensions (L x W x H)	3.74"L x 3.74"W x 1.18"H (folded)
Video Capture Resolution	4K UHD (4096x3072 photos, 2048x1080 videos)
Camera Field of View (FOV)	100° (90° remotely adjustable)
Connectivity Technology	Wi-Fi (5G FPV)
Maximum Control Range	3280 feet
Flight Time	Up to 90 minutes (with 3 batteries)
Positioning System	GPS, Optical Flow
Motor Type	Brushless
Battery Cell Composition	Lithium Ion
Material	Plastic (body), Metal (motors)

Feature	Detail
Age Range (Description)	Adult

8. WARRANTY AND SUPPORT

CHUBORY is committed to providing quality products and customer satisfaction. For any issues, questions, or support needs, please contact our dedicated support team.

- **Customer Support:** Our support team is available 24/7 to assist you. Refer to the contact information provided with your product packaging or on the official CHUBORY website.
- **Warranty Information:** Please retain your proof of purchase for warranty claims. Specific warranty terms and conditions are available on the official CHUBORY website.



CHUBORY offers 24/7 customer service and full pre-flight support, including manuals, quick start guides, and operation videos.

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