



Manuals.plus /

› BLINORY /

› BLINORY X60 Drone User Manual

BLINORY X60

BLINORY X60 Drone User Manual

Model: X60 | Brand: BLINORY

INTRODUCTION

This user manual provides comprehensive instructions for operating and maintaining your BLINORY X60 Drone. Please read this manual carefully before use to ensure safe and optimal performance. The BLINORY X60 is a foldable mini drone equipped with a 2K HD camera, brushless motor, and intelligent flight features designed for both beginners and experienced pilots.



Figure 1: BLINORY X60 Drone and its accessories.

WHAT'S IN THE BOX

Your BLINORY X60 Drone package includes the following components:

- BLINORY X60 Foldable Drone
- Remote Control
- 2 x Modular Batteries
- 2 x USB Charging Cables
- 4 x Spare Propellers
- Screws & Screwdriver
- User Manual
- Portable Carrying Case



Figure 2: All components included in the BLINORY X60 Drone package.

SETUP

1. Battery Installation & Charging

1. Insert the modular battery into the drone until it clicks securely into place.
2. To charge, connect the USB charging cable to the battery and a compatible USB power source. The battery indicator lights will show charging status.
3. Ensure both drone batteries are fully charged before first use for optimal flight time.



Figure 3: The drone's modular batteries provide extended flight time.

2. Unfolding the Drone

Gently unfold the drone arms until they are fully extended and locked into position. Ensure all propellers are free from obstruction.

3. App Connection ("BLINORY GO")

1. Download the "BLINORY GO" app from your device's app store.
2. Power on the drone and the remote control.
3. On your smartphone, connect to the drone's Wi-Fi network (usually named "BLINORY_X60_XXXX").
4. Open the "BLINORY GO" app to establish connection and view the live FPV feed.

Your browser does not support the video tag.

Video 1: Demonstrates the BLINORY GO app connection steps and various flight features including 2K camera, brushless motor, and FPV transmission.

OPERATING INSTRUCTIONS

Basic Flight Controls

- **One-Key Take Off/Landing:** Press the dedicated button on the remote control or in the app for automatic take-off or landing.
- **Altitude Hold:** The drone maintains a stable altitude, making it easier to control horizontal movement and capture steady footage.
- **Headless Mode:** In this mode, the drone's orientation is relative to the pilot, eliminating the need to adjust its position before flying.



Figure 4: Simplified controls for beginners, including one-key operations and headless mode.

Advanced Features

- **2K HD Camera & FPV Transmission:** The 90° electrically adjustable camera provides high-resolution video and real-time first-person view directly to your smartphone via 5GHz FPV transmission.

2K HD FPV Camera

90°remotly adjustable camera
with anti-shake lens



Figure 5: The 2K HD camera offers adjustable angles and real-time FPV.

- **Brushless Motor:** Experience smoother flight, faster speeds, and lower noise levels due to the powerful brushless motor, offering enhanced durability and performance.



Better Fly Performance

Brushless Motor provides more stability to resist the wind.

Longer life Lower noise Stronger power



Figure 6: The brushless motor ensures stable and efficient flight.

- **Optical Flow Positioning:** This feature enables stable hovering, providing a more precise and comfortable flying experience, especially useful for beginners.

Optical Flow Positioning

Stable hovering, enjoy a more precise and comfortable flying experience.



Figure 7: Optical Flow Positioning for enhanced flight stability.

- **Gesture Selfie:** Use specific hand gestures to trigger photo or video capture, allowing for hands-free selfies.
- **360° Flips:** Perform exciting aerial acrobatics with a single button press, adding fun to your flight experience.
- **Waypoint Fly:** Draw a custom flight path on the app screen, and the drone will automatically follow the designated route.



Figure 8: The drone supports 360° flips and custom waypoint flights.

- **Two Speed Modes:** Switch between low and high-speed modes to suit your skill level and flying environment. Low speed is ideal for beginners, while high speed offers a more dynamic experience.

MAINTENANCE

- **Propeller Inspection:** Regularly check propellers for damage or wear. Replace any damaged propellers immediately using the provided spares and screwdriver.
- **Cleaning:** Use a soft, dry cloth to clean the drone body and camera lens. Avoid using harsh chemicals.
- **Battery Care:** Store batteries in a cool, dry place. Do not overcharge or over-discharge. If storing for extended periods, charge them to about 50% capacity.
- **Storage:** When not in use, fold the drone and store it in its portable carrying case to protect it from dust and damage.



Figure 9: The portable carrying case ensures safe storage and transport.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone not responding to remote.	Not paired; low battery.	Re-pair drone and remote; charge batteries.
Poor FPV video quality.	Weak Wi-Fi signal; interference.	Fly closer to the drone; avoid areas with strong Wi-Fi interference.
Drone drifts during flight.	Calibration needed; windy conditions.	Perform gyroscope calibration; fly in calm conditions.
Short flight time.	Battery not fully charged; old battery.	Ensure full charge; consider replacing old batteries.

SPECIFICATIONS

Feature	Detail
Brand	BLINORY
Model Name	X60
Camera Resolution	2K HD (Video Output), 1080p (Video Capture)
Motor Type	Brushless Motor
Flight Time	Up to 32 minutes (with 2 modular batteries)
Connectivity	Wi-Fi (5G FPV Transmission)
Control Type	App Control, Gesture Control
Special Features	Optical Flow Positioning, One Key Take Off/Landing, 3D Flips, Waypoint Fly, Lightweight (<250g), Carrying Case
Item Weight	0.32 Pounds (approx. 145g)
Product Dimensions	11.81"L x 7.87"W x 2.17"H

WARRANTY AND SUPPORT

BLINORY is committed to providing high-quality products and customer satisfaction. For any issues or inquiries regarding your X60 drone, please contact BLINORY support. Our team is always available to assist you with drone-related concerns.

For detailed warranty information, please refer to the official BLINORY website or contact customer service directly.