Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

MOZUN K2

MOZUN K2 Drone User Manual

Model: K2 | Brand: MOZUN

1. Introduction

The MOZUN K2 Drone is a compact, foldable quadcopter designed for both beginners and enthusiasts. It features a 4K camera for high-definition aerial photography and video recording, along with advanced flight capabilities such as GPS positioning and optical flow stabilization. Its portable design facilitates easy transport and operation.



Figure 1: The MOZUN K2 Drone and its remote control, demonstrating its compact size when held.

Key features include:

- Foldable arms for enhanced portability.
- Height hold mode for stable flight.
- Wi-Fi connectivity for real-time image transmission via mobile app (5G compatible).
- Headless mode for simplified control.

- One-button return and low battery automatic return functions.
- 6-axis gyroscope for stable and easy control.
- Three flight speed levels.
- Durable, high-strength engineering plastic fuselage.

2. Setup

2.1 Package Contents

Verify that all items are present in the package:



Figure 2: Contents of the MOZUN K2 Drone package, showing the drone, remote control, spare propellers, screwdriver, USB charging cable, and a carrying case.

- Aircraft (Drone) x1
- Remote Control x1
- Rechargeable Lithium Battery (for aircraft) x1 (Note: Please verify the number of batteries included with your specific purchase, as product descriptions may vary.)
- Protective Frame x4
- Spare Fan Blade x2
- Screwdriver x1
- USB Charging Cable x1
- Carrying Case x1

2.2 Battery Installation and Charging

Aircraft Battery:

1. Insert the 2200mAh rechargeable lithium battery into the drone's battery compartment. Ensure it clicks securely into place.
2. Connect the aircraft battery to the provided USB charging cable.
3. Plug the USB cable into a suitable USB power source (e.g., computer, USB wall adapter).

4. Charging time is approximately 60 minutes. Do not overcharge.

Remote Control Battery:

1. Open the battery compartment on the back of the remote control.
2. Insert 3x 1.5V AA batteries (not included), ensuring correct polarity.
3. Close the battery compartment.

2.3 Propeller Installation and Protection

1. Unfold the drone arms carefully.
2. Attach the protective frames to each motor arm to shield the propellers from impact.
3. Ensure propellers are securely fastened. Refer to markings (A/B) on propellers and motors for correct placement if replacement is needed.

3. Operating Instructions

3.1 Pre-Flight Checklist

- Ensure both drone and remote control batteries are fully charged.
- Check that propellers are correctly installed and free from damage.
- Select an open area free from obstacles, people, and electromagnetic interference.
- Unfold the drone arms completely.

3.2 Pairing and Calibration

1. Place the drone on a flat, level surface.
2. Power on the drone, then power on the remote control.
3. The drone's indicator lights will flash, indicating it is searching for a signal.
4. Push the left joystick up then down to pair the remote with the drone. The lights will become solid when paired.
5. Perform gyroscope calibration by pushing both joysticks to the bottom-left or bottom-right (refer to remote control diagram for exact motion). The lights will flash rapidly then become solid upon successful calibration.
6. For GPS models, wait for GPS signal acquisition. The drone's lights will indicate GPS lock (refer to specific LED patterns in the full manual).

3.3 Basic Flight Controls

The MOZUN K2 Drone supports 4-channel control for ascent, descend, forward, backward, left, right fly, and 360° rolls.

- **Take-off/Landing:** Use the one-key take-off/landing button or manually push both joysticks outwards and down to start motors, then push the left joystick up to ascend.
- **Ascend/Descend:** Left joystick up/down.
- **Forward/Backward:** Right joystick up/down.
- **Turn Left/Right:** Left joystick left/right.
- **Fly Left/Right (Strafe):** Right joystick left/right.
- **360° Roll:** Press the roll button (if available) and move the right joystick in the desired direction.

3.4 Advanced Features

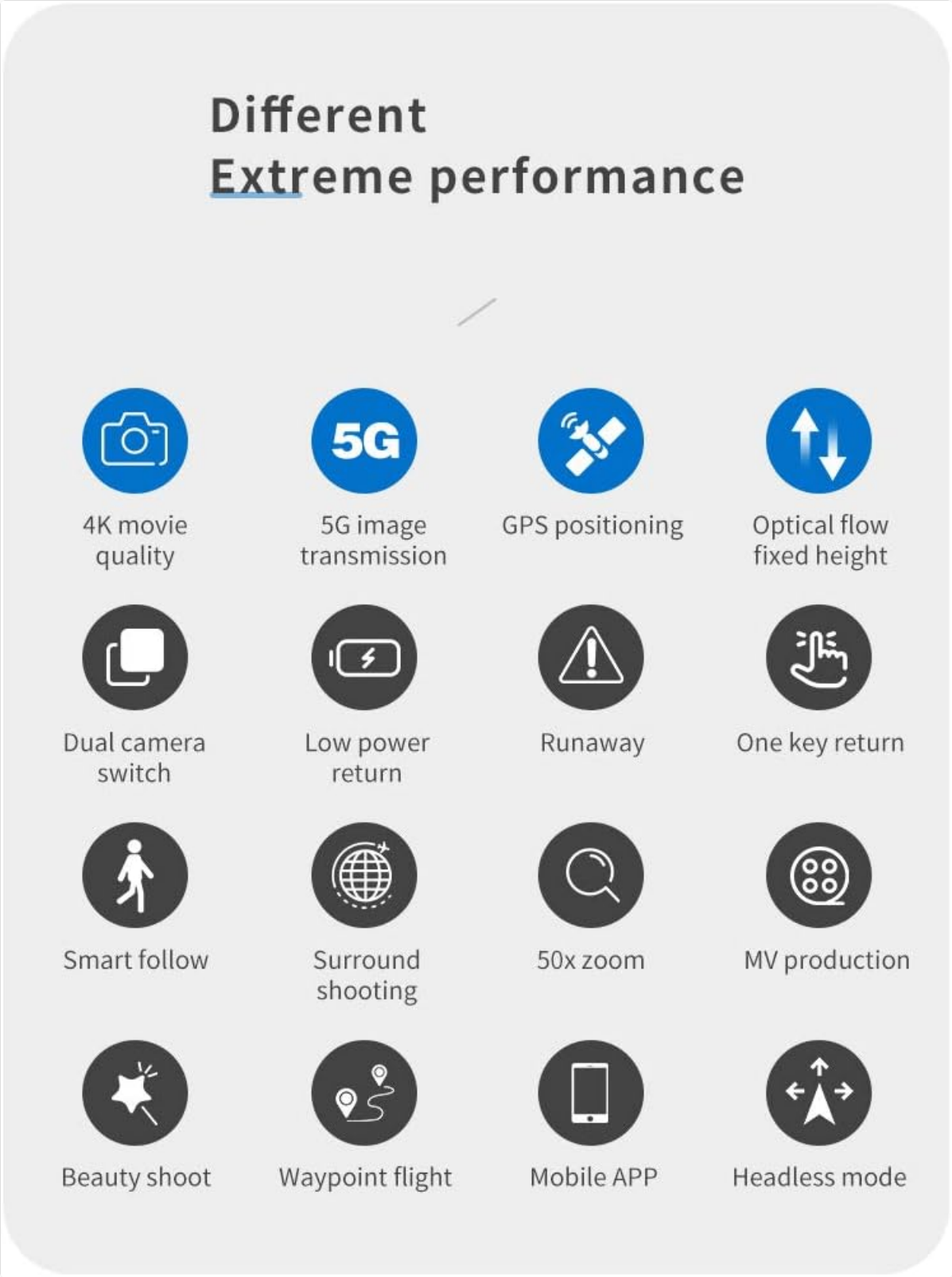


Figure 3: Overview of MOZUN K2 GPS Drone features, highlighting 4K camera, 5G image transmission, and various intelligent flight modes.

- **Height Hold Mode:** Automatically maintains altitude for stable hovering.
- **Headless Mode:** Eliminates the need to adjust the drone's orientation before flight, simplifying control for beginners. Activate via a dedicated button on the remote.
- **One-Key Return:** Press the return button, and the drone will automatically fly back to its take-off point (requires GPS signal).
- **Low Battery Automatic Return:** The drone will automatically return to its take-off point when the battery is critically low.
- **Uncontrolled Return:** If the drone loses signal, it will automatically return to its take-off point (requires GPS signal).

- **GPS Positioning:** Provides precise outdoor positioning and stable flight.
- **Optical Flow Positioning:** Utilizes a downward-facing camera for stable indoor hovering without GPS.
- **4K Dual Camera:** Capture high-resolution photos and videos. The drone supports switching between front and bottom cameras.
- **5G Image Transmission:** Real-time video feed to your mobile device via the dedicated app. Remote control distance is up to 1000 meters, with image transmission distance also up to 1000 meters (depending on signal quality and environment).
- **Smart Follow:** The drone can automatically follow a designated subject (requires app and GPS).
- **Surround Shooting:** The drone can orbit a point of interest, capturing cinematic footage.
- **50x Zoom:** Digital zoom capability for the camera.
- **MV Production:** In-app features for editing and creating short videos.
- **Waypoint Flight:** Plan a flight path on the app, and the drone will follow it automatically.



Figure 4: The 5G image transmission feature allows real-time viewing of the drone's camera feed on a connected smartphone.



Figure 5: The surround shooting function enables the drone to orbit a subject, capturing dynamic aerial footage.

3.5 Mobile App Connection

1. Download and install the dedicated drone app (refer to the packaging or quick start guide for the app name/QR code).
2. Ensure the drone is powered on and paired with the remote control.
3. On your mobile device, connect to the drone's Wi-Fi network (usually named "K2-XXXXXX").
4. Open the app. You should see the live camera feed and access to advanced flight modes and settings.

4. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the drone and remote control. Avoid using liquids or solvents.
- **Propellers:** Regularly inspect propellers for cracks, bends, or damage. Replace damaged propellers immediately using the provided spare blades and screwdriver.
- **Batteries:** Store batteries in a cool, dry place. Do not fully discharge lithium batteries for extended storage. Charge them to about 50-60% for long-term storage.
- **Storage:** When not in use, fold the drone arms and store it in its carrying case to protect it from dust and physical damage.
- **Firmware:** Check the official MOZUN website or app for any available firmware updates for optimal performance.

5. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Drone does not respond to remote control.	Low battery on drone or remote. Not paired correctly. Interference.	Charge/replace batteries. Repeat pairing procedure (Section 3.2). Move to an open area away from other wireless devices.
Drone drifts during flight.	Gyroscope not calibrated. Wind interference.	Perform gyroscope calibration (Section 3.2). Fly in calmer conditions.
No live video feed on app.	Not connected to drone's Wi-Fi. App not open or crashed. Weak Wi-Fi signal.	Ensure phone is connected to the drone's Wi-Fi network. Restart the app and drone. Move closer to the drone.
Drone does not return home.	No GPS signal. Take-off point not recorded.	Ensure drone has a strong GPS lock before take-off. Fly in an open outdoor area.

6. Specifications

Feature	Detail
Model Name	K2
Brand	MOZUN
Frequency	2.4G/5G
Channels	4ch
Gyroscope	6-axis
Aircraft Battery	2200mAh rechargeable lithium battery
Controller Battery	3x 1.5V AA battery (not included)
Expanded Size	24.5 x 23 x 7 cm (approx. 9.65"L x 9.06"W x 2.76"H)
Folding Size	15 x 16 x 7 cm
Flight System	GPS / Optical Flow Positioning
Camera	4K Dual Camera (5G version required for full functionality)
Video Capture Resolution	4K
Charging Time	Approximately 60 minutes
Flight Time	Approximately 20 minutes
Remote Control Distance	500-1000 meters (depending on signal quality)
Image Transmission Distance	Approximately 1000 meters (5G Wi-Fi)

Feature	Detail
Connectivity Technology	Wi-Fi
Skill Level	Beginner
UPC	723523218492

7. Warranty and Support

Specific warranty information for the MOZUN K2 Drone is not provided in the product description. Please refer to your purchase documentation or contact the retailer/manufacturer directly for details regarding warranty coverage and support services.

For technical assistance or inquiries, please consult the contact information provided with your product packaging or visit the official MOZUN website.

© 2023 MOZUN. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B092ZZG8SD

More documents and user manuals: **https://manuals.plus/**