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› FINOTI K812 MAX 4K GPS Drone User Manual

## FINOTI K812 MAX

# FINOTI K812 MAX 4K GPS Drone User Manual

Brand: FINOTI | Model: K812 MAX

## 1. INTRODUCTION

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The FINOTI K812 MAX is a professional-grade foldable quadcopter designed for aerial photography and recreational flight. It features a 4K UHD dual-camera system, GPS positioning, and 5G WiFi FPV transmission for real-time HD streaming. Equipped with 360° obstacle avoidance, brushless motors, and a remote controller with an integrated screen, it ensures stable and smooth flights. Intelligent features like auto return and follow-me mode enhance the user experience, making it suitable for both beginners and enthusiasts.

## 2. UNBOXING & PACKAGE CONTENTS

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Carefully unpack your FINOTI K812 MAX drone and verify all components are present. The package typically includes the drone, remote controller, charger, USB cable, operating instructions, and multiple batteries.



Figure 2.1: FINOTI K812 MAX Drone, Remote Controller, and Carrying Case.

Video 2.2: Unboxing and initial setup of a similar NAFYRE N11 PRO GPS Drone, demonstrating package contents and basic assembly.

### Package Contents:

- FINOTI K812 MAX Drone
- Remote Controller with Screen

- Flight Batteries (Quantity may vary by package, e.g., Triple Battery)
- Charger
- USB Cable
- Operating Instructions
- Replacement Propellers
- Screwdriver and Screws

## 3. SETUP

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### 3.1 Charging Batteries

Ensure all batteries (drone and remote controller) are fully charged before first use. Use the provided charger and USB cable. Charging time for drone batteries is approximately 60 minutes.

### 3.2 Installing Drone Battery

Insert a charged flight battery into the drone's battery compartment until it clicks securely into place. Ensure the battery is properly seated to prevent dislodgement during flight.

### 3.3 Attaching Phone to Controller

The remote controller features a built-in screen, eliminating the need for a phone for basic operation. However, for advanced features and FPV viewing, you can attach your smartphone to the controller's phone holder. Connect your phone to the controller using the appropriate cable (provided).



Figure 3.1: Remote Controller with integrated screen and phone holder.

### 3.4 Propeller Installation/Check

The drone comes with pre-installed propellers. Before each flight, ensure all propellers are securely attached and free from damage. Replacement propellers and a screwdriver are included for maintenance.

## 4. OPERATING INSTRUCTIONS

### 4.1 Powering On/Off

To power on the drone, press and hold the power button located on the drone's body until the indicator lights illuminate. To power on the remote controller, press and hold its power button. The drone and controller will automatically attempt to pair.

Video 4.1: Demonstration of powering on the drone and remote controller, and initial pairing process.

### 4.2 Connecting to Wi-Fi/App

For FPV (First Person View) and advanced controls, connect your smartphone to the drone's Wi-Fi network. Open your phone's Wi-Fi settings and select the drone's network (e.g., HY-GPS-002-c9ee68). Once connected, open the dedicated drone app (downloadable via QR code in the manual) to view the camera feed and access flight settings.

### 4.3 GPS Calibration

Before flying, ensure the drone has acquired sufficient GPS satellites. The remote controller screen or app will display the GPS mode status (e.g., GPS Mode 17). It is recommended to have at least GPS Mode 9 for stable flight. Perform any necessary geomagnetic calibration as instructed by the app or manual.

### 4.4 Basic Flight Controls

- **Take-off:** Press the one-key take-off button on the remote or app. The drone will ascend and hover automatically.
- **Landing:** Press the one-key landing button. The drone will descend and land softly.
- **Hovering:** The drone features stable hovering thanks to GPS and optical flow positioning.
- **Movement:** Use the joysticks on the remote controller to control altitude, direction, and rotation.



Figure 4.2: Remote Controller layout with labeled buttons and joysticks for flight control.

### 4.5 Camera Operation

- **Adjusting Camera Angle:** Use the dedicated wheel/button on the remote controller to adjust the camera's vertical angle during flight.
- **Recording Video/Taking Photos:** Use the corresponding buttons on the remote controller or within the app to start/stop video recording or capture still images. The 4K UHD dual camera captures high-resolution footage.

### 4.6 Intelligent Flight Modes

- **Auto Return:** Press the auto return button on the remote, and the drone will automatically fly back to its take-off point.
- **Follow-Me Mode:** The drone can automatically follow a designated subject, keeping it in the frame.
- **Obstacle Avoidance:** The 360° obstacle avoidance system helps prevent collisions.

Video 4.3: Detailed instructions on how to operate the NAFYRE N11 PRO, including basic flight and intelligent features.

## 5. MAINTENANCE

- Regularly inspect propellers for any damage or wear. Replace immediately if necessary.
- Keep the drone and its components clean and free from dust and debris.
- Store the drone and batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Ensure batteries are fully charged before storage if they will not be used for an extended period.

## 6. TROUBLESHOOTING

If you encounter any issues, please refer to the detailed troubleshooting section in the full operating manual (included in the package) or contact customer support.

## 7. SPECIFICATIONS

| Feature                  | Specification                                                                  |
|--------------------------|--------------------------------------------------------------------------------|
| Model Number             | K812 MAX                                                                       |
| Video Capture Resolution | 4K UHD                                                                         |
| Camera Mount Type        | 2-Axis Gimbal                                                                  |
| Motor Type               | Brushless Motor                                                                |
| Flight Time              | 10~20 minutes (per battery)                                                    |
| Remote Distance          | 300m                                                                           |
| Control Channels         | 4 channels                                                                     |
| Charging Time            | 60 minutes                                                                     |
| Features                 | App-Controlled, Auto Return, GPS, Integrated Camera, Obstacle Avoidance, Wi-Fi |
| Recommended Age          | 14+ years                                                                      |

## 8. SAFETY INFORMATION

Keep away from naked flame or direct heat sources. Please refer to the manual for detailed safety guidelines. Always

operate the drone in open spaces, away from people, animals, and obstacles. Adhere to local regulations regarding drone flight.

## 9. WARRANTY & SUPPORT

For warranty information or technical support, please refer to the contact details provided in your product packaging or the full operating manual. You may also visit the manufacturer's website for further assistance.

### 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

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**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