

LE-IDEA IDEA12GPS

LE-IDEA IDEA12GPS Drone User Manual

Your Guide to Safe and Enjoyable Flight

1. INTRODUCTION

This manual provides essential information for the safe operation and maintenance of your LE-IDEA IDEA12GPS Drone. Please read it thoroughly before your first flight to ensure proper setup, safe handling, and to maximize your flying experience. Retain this manual for future reference.

Safety Guidelines

- Always operate the drone in open, unobstructed areas, away from people, animals, and obstacles.
- Maintain visual line of sight with the drone at all times.
- Adhere to all local regulations and airspace restrictions.
- Do not fly near airports, power lines, or other sensitive areas.
- Ensure batteries are fully charged and properly installed before each flight.
- Avoid flying in strong winds, rain, or other adverse weather conditions.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1x LE-IDEA IDEA12GPS Drone
- 1x Remote Control
- 1x Modular Battery
- 4x Propellers (spare)
- 4x Propeller Guards
- 1x Screwdriver
- 1x Type-C Charging Cable
- 1x Instruction Manual
- 1x Carrying Case



Modular Battery

Easily swap batteries with a quick-release design for extended flight time.

Figure 2.1: All components included in the LE-IDEA IDEA12GPS Drone package.

3. PRODUCT OVERVIEW

Familiarize yourself with the drone's components and the remote control layout.

Drone Components



Figure 3.1: LE-IDEA IDEA12GPS Drone with remote control and smartphone.



Figure 3.2: Detail of the 4K HD Camera with 90° motorized adjustable lens.

Remote Control

The remote control features an integrated screen for real-time flight data and camera view when connected to your smartphone. It includes joysticks for flight control and dedicated buttons for various functions.

4. SETUP

4.1 Battery Charging and Installation

Ensure the modular battery is fully charged before use. Connect the Type-C charging cable to the battery and a suitable USB power source. The charging indicator will show progress. Once charged, slide the modular battery securely into the drone's designated compartment until it clicks into place.



Figure 4.1: Modular battery and charging cable for extended flight time.

4.2 Propeller Installation and Guards

Unfold the drone's arms carefully. If desired, attach the propeller guards to protect the propellers from collisions, especially

for beginners or indoor flights. Ensure they are securely fastened.



Figure 4.2: Propeller guards provide protection against collisions.

4.3 App Download and Connection

Download the official LE-IDEA drone application to your smartphone. Ensure your phone's Wi-Fi is enabled and connect to the drone's Wi-Fi network. Once connected, open the app to access the live camera feed and advanced flight controls.

5. OPERATING INSTRUCTIONS

5.1 Basic Flight Controls

Power on the drone and remote control. Calibrate the drone as per the app's instructions for stable flight. Use the joysticks on the remote for directional control (ascend/descend, forward/backward, left/right, rotate). The drone features one-touch takeoff and landing for simplified operation.



Figure 5.1: One-key takeoff and landing simplifies flight operations.

5.2 Smart Flight Modes

The IDEA12GPS drone offers several intelligent flight modes leveraging GPS technology:

- **Follow Me:** The drone locks onto and tracks your movements, capturing dynamic shots.

- **Waypoint Flight:** Plan a custom flight path on the app for autonomous navigation.
- **Point of Interest:** Set a subject for the drone to circle smoothly, capturing footage from all angles.
- **Headless Mode:** Simplifies controls by aligning with the pilot's orientation, not the drone's front.
- **3 Speed Modes:** Adjust flight pace from stable cruising to dynamic flying.
- **3D Flip:** Execute 360° aerial flips with simple operations.

Package Contents

1x Drone
 1x Remote Control
 1x Modular Battery
 4x Propeller
 4x Propeller Guards
 1x Screwdriver
 1x Type-C Charging Cable
 1x Instruction Manual
 1x Carrying Case



Figure 5.2: Intelligent flight functions including Follow Me, Waypoint Flight, and Circle Flight.



Headless Mode

Simplify flight operations by aligning the controls with the pilot's orientation rather than the drone's orientation.

Figure 5.3: Headless Mode simplifies flight operations.



One Key Take-off/Landing

Simplify flight operations by aligning the controls with the pilot's orientation rather than the drone's orientation.

Figure 5.4: Adjust flight pace with 3 Speed Modes.

5.3 Auto Return Home

The drone features a triple safety net for return home:

- **One-Key Return:** Press a button on the remote to initiate return.
- **Signal Loss Return:** The drone automatically returns if signal is lost.
- **Low Battery Return:** The drone returns automatically when the battery is low.



Figure 5.5: GPS Auto Return ensures the drone safely returns to its takeoff point.

5.4 Camera Operation

The integrated 4K camera captures high-definition photos and videos. Use the app interface to control camera functions, adjust the 90° electrically adjustable lens, and view the live feed. The 5G wireless technology ensures fast and stable real-time transmission to your smartphone.

IDEA12 GPS

4K HD Camera

GPS Auto Return



Figure 5.6: Capture stunning aerial footage with the 4K HD Camera.

6. MAINTENANCE

6.1 Propeller Replacement

In case of damage, replace propellers using the provided screwdriver and spare propellers. Ensure the correct propeller (marked A or B) is installed on the corresponding motor arm.

6.2 General Care

- Keep the drone clean and free from dust and debris.
- Store the drone and accessories in the provided carrying case when not in use.
- Avoid exposing the drone to extreme temperatures or direct sunlight for prolonged periods.

7. TROUBLESHOOTING

- **Drone does not take off:** Ensure the battery is fully charged and correctly installed. Check if the drone is calibrated properly.
- **Unstable flight:** Recalibrate the drone. Check for damaged propellers and replace if necessary. Avoid flying in windy conditions.
- **No camera feed:** Ensure the drone's Wi-Fi is connected to your smartphone and the app is open.
- **Remote control beeping:** This usually indicates low battery on the remote or drone, or a lost signal. Land the drone immediately.

8. SPECIFICATIONS

Feature	Detail
Brand	LE-IDEA
Model Name	IDEA12GPS
Video Capture Resolution	4K

Connectivity Technology	Wi-Fi (5G)
Control Type	Remote Control
Special Features	360 Degree Flip, GPS, Optical Flow Positioning, Auto Return Home, Follow Me, Waypoint Flight, Point of Interest, Headless Mode, 3 Speed Modes, Brushless Motors
Material	Plastic
Item Weight	1.17 pounds
Product Dimensions	7"L x 6.3"W x 2.36"H
Battery Type	Lithium Polymer

9. OFFICIAL PRODUCT VIDEOS

Your browser does not support the video tag.

Video 9.1: G9 Drone with 4K Camera and GPS. This video provides a brief overview of the drone's features and 4K camera capabilities.

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Video 9.2: CHUBORY F89 Drone Operation Guide (New Camera). This video offers a detailed guide on operating a similar drone model, providing valuable insights into flight controls and features.

10. WARRANTY AND SUPPORT

Our dedicated customer service team provides comprehensive and personalized assistance. Should you encounter any issues while using our drone products, please contact us at any time. Our professional support staff will thoroughly investigate your concerns and deliver satisfactory solutions.

For support, please visit the [LE-IDEA Store](#) or refer to the contact information provided in your package.

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