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## karuisc K600GPS

# karuisc K600 GPS Drone User Manual

Model: K600GPS

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## 1. SAFETY GUIDELINES

Operating a drone requires adherence to safety protocols to ensure safe flight and prevent damage or injury. Please read and understand these guidelines before operating your karuisc K600 GPS Drone.

- **Local Regulations:** Always comply with local aviation laws and regulations. Check for no-fly zones and altitude restrictions.
- **Environmental Conditions:** Avoid flying in strong winds, rain, snow, or fog. The K600 GPS Drone is wind-resistant but extreme conditions can affect stability and control.
- **Line of Sight:** Maintain visual line of sight with the drone at all times.
- **Obstacles:** Keep the drone away from people, animals, buildings, trees, power lines, and other obstacles.
- **Battery Safety:** Use only approved batteries and chargers. Do not overcharge or puncture batteries. Store batteries in a cool, dry place.
- **Pre-Flight Check:** Before each flight, ensure propellers are securely attached, batteries are fully charged, and the drone and remote control are properly calibrated.

## 2. PACKAGE CONTENTS

Verify that all items listed below are included in your karuisc K600 GPS Drone package:

- K600 GPS Drone x 1

- Remote Control x 1
- Modular Battery x 1
- Propellers x 4 (spare set)
- Screwdriver x 1
- USB Charging Cable x 1
- Carrying Case x 1
- SD Card (8GB) x 1



Figure 2.1: All components included in the karuisrc K600 GPS Drone package.

## 3. SETUP GUIDE

### 3.1. Drone Preparation

1. **Unfold the Drone:** Gently unfold the drone arms until they click into place.
2. **Install Propellers:** Ensure propellers are correctly installed and secured. Refer to the markings on the propellers and motor arms for proper alignment.

### 3.2. Battery Installation and Charging

1. **Charge the Modular Battery:** Connect the modular battery to the USB charging cable and plug it into a suitable USB power source (e.g., computer, USB wall adapter). The indicator lights will show charging status. A full charge provides approximately 20 minutes of flight time.
2. **Install Drone Battery:** Once fully charged, insert the modular battery into the designated compartment on the drone until it clicks securely.

# Carte SD 32 Go Go Gratuite



**Prise en Charge Maximale de 32 Go**  
*Une transmission plus efficace*

Figure 3.1: Modular battery charging and flight duration.

### 3.3. Remote Control Setup

1. **Install Remote Control Batteries:** Insert 3x AA batteries (not included) into the remote control's battery compartment.
2. **Power On:** Turn on the remote control. The integrated UHD screen will activate.
3. **Pairing:** Power on the drone. Place the drone on a flat surface. Follow the on-screen instructions on the remote control to pair the drone and remote. This typically involves moving the left joystick up then down.

## High-resolution 4.5-inch LCD screen

**New upgrade**  
**Remote control**

Image Transmission  
984 FT

Remote control distance  
1312 FT

TPC Charging

Figure 3.2: Remote control with integrated UHD screen.

### 3.4. SD Card Installation

1. Locate the SD card slot on the drone.
2. Insert the provided 8GB SD card into the slot until it clicks. The drone supports up to 32GB SD cards.



Figure 3.3: SD card slot on the drone.

### 3.5. GPS Calibration

For accurate GPS positioning and stable flight, perform GPS calibration before each flight in an open outdoor area. Refer to the remote control's screen for calibration instructions.

## 4. OPERATING INSTRUCTIONS

### 4.1. Basic Flight Controls

Familiarize yourself with the remote control joysticks and buttons for basic flight maneuvers:

- **Take-off/Landing:** Use the dedicated one-key take-off/landing button or manually control with

the left joystick.

- **Altitude Control:** Left joystick (up/down).
- **Directional Control:** Right joystick (forward/backward, left/right).
- **Rotation:** Left joystick (left/right).



Figure 4.1: Operating the drone, suitable for beginners.

## 4.2. GPS Functions

The K600 GPS Drone features advanced GPS capabilities for enhanced flight stability and safety:

- **Return to Home (RTH):** Press the RTH button, and the drone will automatically return to its take-off point. This function activates automatically in case of low battery or signal loss.
- **Waypoint Flight:** Plan a custom flight path by marking waypoints on the map via the connected app. The drone will follow the specified route.
- **Circular Flight:** The drone can orbit a designated point, capturing footage from all angles.
- **Follow Me Mode:** The drone will automatically follow the remote control or connected smart device, keeping you in the frame.



Figure 4.2: GPS Return to Home functionality.



Figure 4.3: Advanced flight modes and features.

### 4.3. Camera Operation

The K600 GPS Drone is equipped with a 1080P HD camera for high-quality aerial photography and videography.

- **Real-time View:** The remote control's integrated UHD screen displays a real-time feed from the drone's camera, allowing for precise framing.
- **Adjustable Camera Angle:** The camera angle can be adjusted by 90 degrees via the remote

control to capture various perspectives.

- **Photo/Video Capture:** Use the dedicated buttons on the remote control to take photos or start/stop video recording. All media is saved directly to the installed SD card.



Figure 4.4: 1080P HD camera with adjustable angle.

## 5. MAINTENANCE

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

- **Cleaning:** After each flight, gently wipe the drone body and camera lens with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals.
- **Propeller Inspection:** Regularly check propellers for any cracks, bends, or damage. Replace damaged propellers immediately using the provided screwdriver and spare propellers.
- **Battery Care:** Do not store batteries fully charged or completely depleted for extended periods. Charge them to about 50-60% for storage. Keep batteries away from extreme temperatures.
- **Storage:** When not in use, store the drone and remote control in the provided carrying case in a cool, dry place.

## 6. TROUBLESHOOTING

If you encounter issues with your K600 GPS Drone, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Drone does not power on.	Battery not charged or improperly installed.	Ensure battery is fully charged and correctly inserted.
Remote control does not connect to drone.	Improper pairing or interference.	Repeat pairing process. Ensure no strong Wi-Fi or radio interference.
Drone drifts or is unstable during flight.	Improper calibration or strong wind.	Perform GPS calibration on a flat surface. Avoid flying in strong winds.
Poor image/video quality or freezing.	SD card issue, signal interference, or camera lens obstruction.	Check SD card for proper insertion and sufficient space. Clean camera lens. Ensure drone is within transmission range.
Short flight time.	Battery not fully charged or aged battery.	Ensure battery is fully charged before flight. Consider replacing old batteries.
GPS functions (RTH, Follow Me) not working.	Weak GPS signal or not enough satellites locked.	Fly in open areas with clear sky. Wait for sufficient GPS satellite lock before activating functions.

## 7. SPECIFICATIONS

Feature	Detail
Model Name	K600GPS
Weight	205.8 Grams
Dimensions (L x W x H)	22 x 15 x 5 cm
Camera Resolution	1080p HD
Camera Features	Integrated, 90-degree adjustable
Connectivity Technology	Wi-Fi
Special Features	Integrated GPS, Compact, Foldable
Remote Control Screen	UHD 4.5-inch LCD
Remote Control Range	Up to 400 meters (1312 feet)

Feature	Detail
Image Transmission Range	Up to 250 meters (984 feet)
Battery Type	Modular (2200mAh)
Flight Time	Approximately 20 minutes
SD Card Support	8GB included, supports up to 32GB
Skill Level	All Ages

## 8. WARRANTY INFORMATION

The karuisrc K600 GPS Drone comes with a standard manufacturer's warranty. Please retain your proof of purchase for any warranty claims. For specific details regarding warranty terms and conditions, refer to the documentation provided with your product or contact customer support.

## 9. CUSTOMER SUPPORT

For any questions, technical assistance, or support regarding your karuisrc K600 GPS Drone, please contact our customer service team:

**Phone:** +44 7419 298225

**Email:** Karuisrc@gmail.com

**Availability:** Monday to Sunday, 24/7

Our support team is available to assist you with any inquiries or issues you may encounter.



Figure 9.1: karuisrc Customer Support.