

Generico E99

Generico Mini Drone E99 Quadcopter User Manual

Model: E99 | Brand: Generico

1. INTRODUCTION

This manual provides essential information for the safe operation, setup, and maintenance of your Generico Mini Drone E99 Quadcopter. Please read this manual thoroughly before operating the drone to ensure proper use and to prevent damage or injury.

Important Safety Warnings

- This product is suitable for individuals aged 16 years and above. For younger children, adult supervision is strongly recommended.
- Avoid flying the drone in strong winds as it is not wind-resistant and may become unstable or damaged.
- The remote control range for this micro-UAV is approximately 100 feet (30 meters). Exceeding this distance may result in loss of data reception and control.
- The included charging cable does not support fast charging. Use only the provided cable and a standard USB power source.
- Always calibrate the gyroscope every time you power on the drone, especially after a crash, to ensure optimal control and stability.

2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- Generico E99 Mini Drone
- Remote Control

- 4K FPV HD Dual Camera (integrated)
- Rechargeable Lithium Battery
- USB Charging Cable
- Spare Propellers
- Propeller Guards
- Screwdriver
- User Manual (this document)



An overview of the E99 Mini Drone package contents, including the drone (folded and unfolded), remote control, battery, and other accessories.

3. SETUP GUIDE

3.1 Unfolding the Drone

Gently unfold the drone's arms until they lock into place. Ensure all four arms are fully extended before flight.



The Generico E99 Mini Drone, its remote controller, and a smartphone connected for FPV viewing.

3.2 Charging the Battery

1. Connect the drone's lithium battery to the provided USB charging cable.
2. Plug the USB cable into a standard USB power adapter (e.g., computer USB port, wall adapter).
3. The charging indicator light will show the charging status. Once fully charged, disconnect the battery.
4. **Note:** The included charging cable does not support fast charging.

3.3 Installing Propeller Guards (Optional)

For added protection, especially for beginners, attach the propeller guards to each motor arm as shown in the diagram.

3.4 Remote Control Preparation

Insert the required batteries into the remote control (batteries not included, typically AA). Ensure correct polarity.

3.5 Pairing and Calibration

1. Place the drone on a flat, level surface.
2. Power on the drone, then power on the remote control.
3. Move the left joystick (throttle) up and then down to pair the remote with the drone. The drone's lights will stop flashing and become solid, indicating successful pairing.
4. To calibrate the gyroscope, push both joysticks down and to the right simultaneously. The drone's lights will flash rapidly and then become solid, indicating successful calibration. This step is crucial for stable flight and should be performed before every flight and after any crash.

4. OPERATING INSTRUCTIONS

4.1 Remote Control Functions



An annotated diagram of the E99 Mini Drone's remote control, detailing the function of each button and joystick.

- **Throttle Lever (Left Joystick):** Controls altitude (up/down) and rotation (left/right).
- **Steering Rod (Right Joystick):** Controls forward/backward and left/right movement.
- **One-Key Takeoff/Landing:** Press to automatically take off or land.

- **One-Key Return:** Press and hold to activate headless mode and return the drone to its takeoff point.
- **Headless Mode:** Simplifies flight by orienting the drone relative to the pilot, regardless of the drone's front direction.
- **3D Roll/Flip:** Press the 3D roll button and then move the right joystick in the desired direction to perform a 360-degree flip.
- **Fine-Tuning Buttons:** Adjust the drone's drift in various directions to maintain stable hover.



The E99 Mini Drone demonstrating its one-key takeoff, landing, and return functions, simplifying control.



The E99 Mini Drone performing a 360-degree roll, demonstrating its aerial stunt capability.

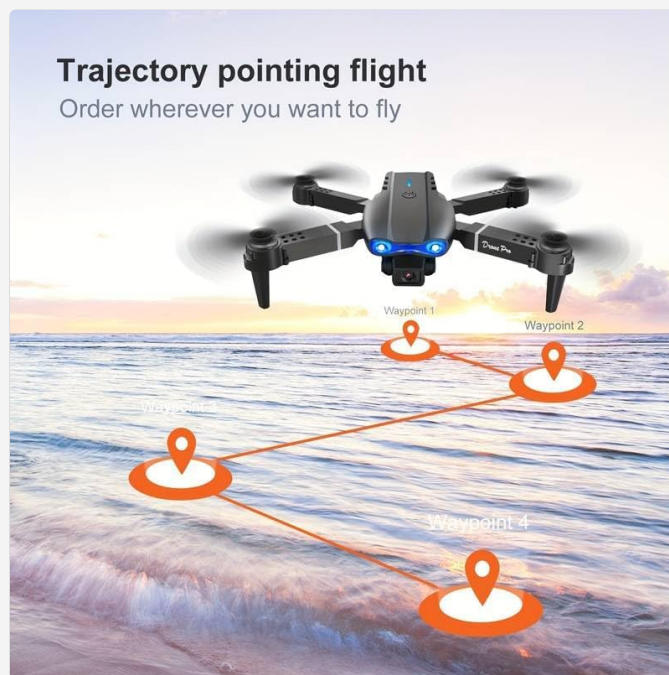
4.2 Flight Modes and Features

- **Altitude Hold Mode:** The drone maintains a stable altitude, making it easier to control for beginners.
- **4K HD Dual Camera:** Equipped with a high-definition dual camera system for capturing photos and videos. The camera features 50x zoom.



A detailed view of the E99 Mini Drone's pixel high-definition dual camera system, highlighting its adjustable lens.

- **Wi-Fi FPV (First Person View):** Connect your smartphone to the drone's Wi-Fi network to view live video feed and control camera functions via the dedicated app.
- **Trajectory Flight:** Draw a flight path on your smartphone screen within the app, and the drone will automatically fly along the specified route.



The E99 Mini Drone following a user-defined flight path, illustrating its trajectory pointing flight feature.

5. MAINTENANCE

5.1 Cleaning

- Regularly clean the drone body and propellers with a soft, dry cloth.
- Ensure no dust or debris accumulates in the motors or camera lens.

5.2 Battery Care

- Do not overcharge or over-discharge the battery.

- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for extended periods, charge the battery to approximately 50% capacity.

5.3 Propeller Replacement

If propellers are damaged or bent, replace them with new ones using the provided screwdriver. Ensure the correct propeller (A or B) is installed on the corresponding motor.

6. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

E99 Watm Tips



1. We provide you with a video tutorial, please pay attention to watch it! They will help you operate him as soon as possible. in order to ensure safe operation, avoid losing or shortening the drone.

2. Please note that this is a micro-drone.(extension size 18*15cm)please avoid itFly in strong winds and away from trees to avoidunnecessary damage.

3, This is a remote control distance 100ft of micro-UAVs, operating beyond these distances canaffect data reception and lead to UAVsif you lose it, please proceedwith caution.

4. The included charging cable does not support fast charging head.

5. Calibrate the gyroscope every time you turn on your drone, includingafter a crash, for bettercontrol and stability.

6, This is a drone toy for children, our drone is easy to operate and nomanual is requiredPaired, perfect for kids and adults. For anyone whowants to take their imagination to new heightsFor people, this is theperfect starter drone.

Important operational tips for the E99 Mini Drone, including calibration, wind conditions, range, and charging.

Problem	Possible Cause	Solution
Drone does not respond to remote control.	Not paired; low battery; out of range.	Ensure drone and remote are powered on and paired correctly. Charge batteries. Fly within 100 feet (30 meters) range.
Drone flies erratically or drifts.	Gyroscope not calibrated; strong winds; damaged propellers.	Perform gyroscope calibration. Avoid flying in strong winds. Replace damaged propellers. Use fine-tuning buttons.
Camera not working or poor image quality.	App not connected; Wi-Fi interference; dirty lens.	Ensure smartphone is connected to drone's Wi-Fi. Restart app and drone. Clean camera lens.
Short flight time.	Battery not fully charged; old battery.	Ensure battery is fully charged (note: no fast charging). Consider replacing old batteries.

7. SPECIFICATIONS



Dimensions of the E99 Mini Drone in both unfolded and folded states, along with an illustration of included accessories.

Feature	Detail
Model	E99
Control Type	Remote Control
Wireless Communication Technology	Wi-Fi, 2.4Ghz Anti-jamming
Video Resolution	480p (FPV), 4K (Camera)
Usage Environment	Outdoor (not wind-resistant)
Camera Mounting Type	Fixed Camera Mount
Number of Cameras	Dual Camera
Battery Type	Rechargeable Lithium Battery
Battery Capacity	500 mAh
GPS	No
Special Features	Altitude Hold Mode, Headless Mode, One-Key Return, Dual Camera, 50x Zoom, Trajectory Flight (App Control)
Operator Skill Level	Beginner
Maximum Flight Altitude	50 meters
Maximum Horizontal Flight Speed	4 m/s
Maximum Takeoff Weight	92 grams
Product Dimensions (unfolded)	Approx. 29 x 22.5 x 5 cm (11.4 x 8.85 x 1.96 inches)
Product Dimensions (folded)	Approx. 13 x 8.6 x 5 cm (5.11 x 3.38 x 1.96 inches)
Item Weight	1 gram (packaging weight is higher)

Feature	Detail
Recommended Age	16+ Years

8. WARRANTY AND SUPPORT

Specific warranty details for the Generico Mini Drone E99 Quadcopter are not provided in the product information. For warranty claims, technical support, or further assistance, please contact the seller or retailer from whom you purchased the product.

Always refer to your purchase receipt or order details for seller contact information.

