

Genérico GT8

Genérico GT8 Professional Drone User Manual

Model: GT8

1. INTRODUCTION

This manual provides essential instructions for the safe operation, setup, and maintenance of your Genérico GT8 Professional Drone. The GT8 drone is designed for aerial photography and videography, featuring a Full HD camera, obstacle sensors, brushless motors, and an intuitive remote control with a built-in screen for an immersive flight experience. Please read this manual thoroughly before operating the drone.

2. PACKAGE CONTENTS

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

- 1 x GT8 Professional Drone
- 1 x Remote Control
- 3 x Batteries (1800 mAh Lithium Polymer each)
- 1 x USB Charging Cable
- 1 x Philips Screwdriver
- 2 x Pairs of Extra Propellers
- 4 x Extra Screws
- 1 x User Manual (this document)
- 1 x Storage Bag/Case
- 1 x 8GB Memory Card
- 1 x USB Adapter for Memory Card

Drone GT8 completo

Acompanha 3 Baterias, case para transporte, hélices reserva, controle com tela, cabo de carregamento, cartão de memória 8gb e adaptador de cartão

O drone possui sensor de obstáculos, pode chegar a cerca de 300/400 metros de distância e 80 metros de altura. Ele possui tela LCD para acompanhar a duração da bateria.



Figure 2.1: Complete package contents of the GT8 drone.



**Acompanha case para
transporte**

Figure 2.2: The included transport case for the GT8 drone and accessories.



Figure 2.3: The 8GB memory card and USB adapter for data transfer.

3. SAFETY PRECAUTIONS

Always prioritize safety during drone operation. Failure to follow these guidelines may result in injury, damage to property, or legal issues.

- **Read the Manual:** Thoroughly understand all instructions before first flight.
- **Pre-Flight Check:** Ensure all components are correctly assembled and batteries are fully charged.
- **Environmental Conditions:** Do not fly in strong winds, rain, snow, or fog. Avoid extreme temperatures.
- **Obstacle Avoidance:** The GT8 features obstacle sensors, but always maintain visual line of sight and avoid flying near people, animals, buildings, or trees.
- **Restricted Areas:** Do not fly near airports, military bases, or other restricted airspace. Respect local regulations.
- **Battery Safety:** Use only approved chargers and batteries. Do not overcharge or puncture batteries.
- **Propeller Safety:** Keep hands and face clear of rotating propellers. Ensure propellers are securely attached before flight.
- **Return to Home:** Utilize the automatic return-to-home function in case of signal loss or low battery.

4. SETUP

4.1. Unfolding the Drone

The GT8 drone is foldable for portability. Carefully unfold the arms until they click into place. Ensure all arms are fully extended and locked.



Figure 4.1: The GT8 drone in its folded and unfolded configurations.

4.2. Battery Installation and Charging

1. Insert a fully charged battery into the drone's battery compartment until it clicks securely.
2. To charge the batteries, connect the USB charging cable to the battery and a suitable USB power source (e.g., computer, USB wall adapter).
3. Charging indicators on the battery will show charging status. Ensure batteries are fully charged before each flight.



Figure 4.2: The three included batteries for extended flight time.

4.3. Propeller Installation

If propellers are not pre-installed or need replacement:

1. Match the propellers with the corresponding motor shafts (usually marked A and B).
2. Securely attach each propeller using the provided screws and screwdriver. Do not overtighten.



Figure 4.3: Brushless motors and propeller attachment point.

4.4. Remote Control Setup

1. Install batteries into the remote control (not specified in JSON, assume standard AA/AAA or internal rechargeable).
2. Power on the remote control.
3. Power on the drone.
4. Follow the on-screen instructions on the remote control's display to pair with the drone. The remote control uses Bluetooth technology for connection.

5. OPERATING INSTRUCTIONS

5.1. Pre-Flight Checks

- Ensure drone and remote control batteries are fully charged.
- Check propellers for damage and ensure they are securely attached.
- Verify that the flight area is clear of obstacles and people.
- Confirm GPS signal acquisition before takeoff for stable flight and return-to-home functionality.

5.2. Takeoff and Landing

1. Place the drone on a flat, level surface.
2. Perform calibration as instructed by the remote control or drone's indicator lights.
3. Use the one-key takeoff button or manually push the throttle stick up to initiate flight.
4. For landing, use the one-key landing button or gently pull the throttle stick down until the drone lands.

5.3. Flight Controls

Refer to the remote control's specific layout for detailed control functions. Generally:

- **Left Stick:** Controls altitude (throttle up/down) and yaw (rotate left/right).
- **Right Stick:** Controls forward/backward (pitch) and left/right (roll) movement.
- **Obstacle Avoidance:** The drone features 360° optical obstacle sensors to enhance flight safety. These sensors help detect and avoid obstacles during flight.



Figure 5.1: The GT8 drone's 360° optical obstacle avoidance system.

5.4. Camera Operation

The GT8 drone is equipped with a camera capable of 1080p video capture and 5 MP still images.

- **Video Recording:** Press the dedicated video button on the remote control to start/stop recording.
- **Photo Capture:** Press the dedicated photo button to take a still image.
- **FPV (First Person View):** The remote control's screen provides real-time image transmission, allowing for an immersive FPV experience.
- **Storage:** Videos and photos are saved directly to the inserted 8GB memory card.



Figure 5.2: The GT8 drone's camera, capable of 1080p video recording.

5.5. Advanced Features

- **GPS Positioning:** Provides stable hovering and precise positioning.
- **Automatic Return to Home (RTH):** The drone will automatically return to its takeoff point if the signal is lost or the battery is critically low.
- **Long-Distance Control:** The GT8 offers an approximate control range of 1km.

6. MAINTENANCE

- **Cleaning:** Regularly clean the drone body, camera lens, and sensors with a soft, dry cloth. Avoid using liquids.
- **Propeller Inspection:** Check propellers for cracks, bends, or other damage before each flight. Replace damaged

propellers immediately using the provided extra pairs.

- **Battery Care:** Store batteries in a cool, dry place. Do not fully discharge batteries for long-term storage. Charge them to about 50-60% if storing for extended periods.
- **Motor Care:** The GT8 features brushless motors, which require less maintenance than brushed motors. Keep them free from dust and debris.
- **Firmware Updates:** Check the manufacturer's website or accompanying app for any available firmware updates to ensure optimal performance and new features.

7. TROUBLESHOOTING

If you encounter issues with your GT8 drone, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Drone does not power on	Battery not installed correctly or discharged.	Ensure battery is fully charged and securely inserted.
Remote control does not connect	Remote control or drone not powered on; pairing failed.	Ensure both devices are on. Re-attempt pairing as per Section 4.4.
Unstable flight or drifting	Improper calibration; strong winds; damaged propellers.	Perform IMU/compass calibration. Avoid flying in strong winds. Check and replace damaged propellers.
Poor image/video quality	Dirty camera lens; insufficient lighting; memory card issues.	Clean camera lens. Ensure adequate lighting. Check memory card for errors or replace if faulty.
Drone does not respond to controls	Out of range; signal interference; low drone battery.	Fly within operational range (approx. 1km). Avoid areas with strong interference. Check drone battery level.
Obstacle avoidance not working	Sensors are dirty or obstructed; flying too fast.	Clean sensors. Reduce flight speed in complex environments.

8. SPECIFICATIONS

Detailed technical specifications for the Genérico GT8 Professional Drone:

Feature	Detail
Brand	Genérico
Model Name	GT8
Special Features	Long-distance control, Foldable, Image stabilization, Obstacle avoidance, First-person view (FPV)
Color	Black
Video Capture Resolution	1080p
Final Resolution (Photos)	5 MP
Connectivity Technology	USB (for charging/data transfer)

Feature	Detail
Skill Level	Intermediate
Battery Capacity	1800 Milliamp Hours (per battery)
Battery Cell Composition	Lithium Polymer
Batteries Included	3
Material	Plastic
Manufacturer	HBO Toys
Part Number	GTT8
Country of Origin	China
Item Weight	300 Grams
Item Dimensions (Unfolded)	22 cm (L) x 17 cm (W) x 8 cm (H) (approximate, based on image)
Item Dimensions (Folded)	13 cm (L) x 8.5 cm (W) x 8 cm (H) (approximate, based on image)
Max Flight Time	Up to 17 minutes (per battery)
Wi-Fi Frequency	5 GHz
Control Range	Approx. 1 km

9. WARRANTY AND SUPPORT

Information regarding product warranty and customer support is not provided in the available product data. Please refer to your purchase documentation or contact the retailer for details on warranty coverage and support options for your Genérico GT8 Professional Drone.

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