

D1 PRO GT3 Mini

Generic D1 PRO GT3 Mini Drone User Manual

Your guide to safe and effective operation of the D1 PRO GT3 Mini Drone.

1. INTRODUCTION

The Generic D1 PRO GT3 Mini Drone is an advanced unmanned aerial vehicle designed for capturing impressive aerial photos and videos. Featuring an HD camera, intelligent 360° obstacle avoidance, and a brushless motor, it offers a stable and enjoyable flight experience. This manual provides essential information for assembly, operation, maintenance, and troubleshooting to ensure safe and optimal performance of your drone.

Safety Guidelines

- Always operate the drone in open areas, away from people, animals, and obstacles.
- Do not fly near airports, restricted airspace, or sensitive facilities.
- Ensure batteries are fully charged before each flight.
- Avoid flying in strong winds or adverse weather conditions.
- Keep fingers and hair away from rotating propellers.
- Adult supervision is recommended for users under 14 years of age.

2. WHAT'S INCLUDED

Verify that all components are present in your package:

- 1x D1 PRO GT3 Mini Drone
- 2x Rechargeable Batteries
- 1x Remote Control
- 4x Extra Propellers
- 1x USB Charging Cable
- 1x Screwdriver



Figure 2.1: All components included with the D1 PRO GT3 Mini Drone kit.

3. SETUP GUIDE

3.1 Charging the Batteries

1. Connect the USB charging cable to the drone battery and a suitable USB power adapter (not included).
2. The indicator light on the battery will show charging status (e.g., red for charging, green for fully charged).
3. Allow approximately 60-90 minutes for a full charge.
4. Charge both included batteries before first use.



Figure 3.1: The D1 PRO GT3 Mini Drone comes with two rechargeable batteries.

3.2 Installing Propellers

- Ensure the drone is powered off.
- Match the propellers to their corresponding motor arms (usually marked A and B).
- Gently push the propellers onto the motor shafts until they are securely seated.
- Use the included screwdriver for any necessary propeller changes or maintenance.

3.3 Installing Drone Battery

- Insert a fully charged battery into the drone's battery compartment until it clicks into place.

3.4 Remote Control Setup

- Install 3x AAA batteries (not included) into the remote control.
- Attach your smartphone to the remote control holder to view the camera feed.

3.5 Pairing the Drone and Remote

1. Place the drone on a flat, level surface.
2. Turn on the drone. The LED lights will flash.
3. Turn on the remote control.

4. Push the left joystick up and then down. The drone's lights will stop flashing and remain solid, indicating successful pairing.

4. OPERATING INSTRUCTIONS

4.1 Basic Flight Controls

- **One-Key Take-off/Landing:** Press the designated button on the remote for automatic take-off or landing.
- **Left Joystick (Throttle/Yaw):** Push up/down to control altitude; push left/right to rotate the drone.
- **Right Joystick (Pitch/Roll):** Push up/down to move forward/backward; push left/right to move left/right.

4.2 Obstacle Avoidance System

The D1 PRO GT3 Mini Drone features an intelligent 360° obstacle avoidance system. This system uses sensors to detect nearby obstacles and automatically adjusts the flight path to prevent collisions, enhancing flight safety, especially for beginners.

4.3 HD Camera Operation

- Download the dedicated drone app on your smartphone (refer to the QR code in the quick start guide or product packaging).
- Connect your smartphone to the drone's Wi-Fi network (usually named 'D1 PRO GT3' or similar).
- Open the app to view the live HD camera feed.
- Use the app or remote control buttons to capture photos and record 8K resolution videos.

LUZES COLORIDAS

Desing de iluminação para um brilho deslumbrante



Figure 4.1: Operating the drone with the remote control and smartphone for live camera view.

4.4 Special Features

- **360° Roll:** Execute impressive aerial stunts with a single button press (ensure sufficient altitude).
- **LED RGB Lights:** The drone is equipped with colorful RGB LED lights on its propellers, providing a visually striking flight experience, especially in low-light conditions.

LUZES COLORIDAS ILUMINAM A SUA NOITE!

Experiência luminosa imersiva com brilho deslumbrante de alta intensidade.

D1 PRO



Figure 4.2: The D1 PRO GT3 Mini Drone with its illuminated RGB LED lights.

5. MAINTENANCE

5.1 Battery Care

- Do not overcharge or over-discharge batteries.
- Store batteries in a cool, dry place when not in use.
- If not used for an extended period, charge batteries to about 50% capacity.
- Replace batteries if you notice a significant decrease in flight time.

5.2 Cleaning

- Use a soft, dry cloth to clean the drone body and camera lens.
- Avoid using harsh chemicals or solvents.

- Ensure no dust or debris obstructs the obstacle avoidance sensors.

5.3 Propeller Replacement

- If a propeller is damaged, carefully remove it using the included screwdriver.
- Install a new propeller, ensuring it matches the correct motor arm (A or B).
- Always replace damaged propellers to maintain flight stability and safety.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not power on.	Battery not charged or incorrectly installed.	Ensure battery is fully charged and properly inserted.
Remote control not responding.	Remote batteries low or not paired.	Replace remote batteries. Re-pair drone and remote (Section 3.5).
Drone is unstable during flight.	Damaged propellers, uncalibrated gyroscope, or strong winds.	Replace damaged propellers. Calibrate the drone on a flat surface. Avoid flying in windy conditions.
No camera feed on smartphone.	Wi-Fi not connected, app not open, or drone not powered on.	Ensure drone is on, connect to drone's Wi-Fi, and open the app.
Obstacle avoidance not working.	Sensors obstructed or system malfunction.	Clean sensors. If issue persists, contact support.

7. SPECIFICATIONS

- **Brand:** Generic
- **Model Name:** D1 Pro Gt3 Mini
- **Color:** Gray
- **Video Capture Resolution:** 8K
- **Final Resolution:** 8 MP
- **Connectivity Technology:** Wi-Fi
- **Skill Level:** Beginner to Intermediate
- **Remote Control Technology:** 2.4GHz Wireless Remote Control
- **Control Type:** Remote Control
- **Battery Cell Composition:** Alkaline (for remote)
- **Batteries Included:** Yes (2 for drone)
- **Remote Control Included:** Yes
- **Material:** ABS Plastic
- **Item Weight:** 199 Grams
- **Item Dimensions (L x W x H):** 8 x 8 x 4 centimeters

8. WARRANTY AND SUPPORT

This product may be eligible for extended warranty plans offered by third-party providers. Please refer to your purchase documentation or contact your seller for specific warranty details and support options. For technical assistance or inquiries not covered in this manual, please reach out to the product seller or manufacturer's customer service.

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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.

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