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TOMZON P5G-DB-US

TOMZON P5G GPS Drone User Manual

Model: P5G-DB-US

INTRODUCTION

Welcome to the TOMZON P5G GPS Drone user manual. This guide provides detailed instructions for the safe and effective operation of your new drone. Please read this manual thoroughly before operating the drone to ensure proper usage and to maximize your flying experience.

The TOMZON P5G is a lightweight (under 249g) 4K GPS drone designed for both beginners and experienced pilots, featuring advanced functions like GPS auto return, Follow Me mode, and custom path flight.

WHAT'S IN THE Box

Carefully unpack your TOMZON P5G drone and verify that all components are present and in good condition. The standard package includes:

- P5G Black 4K GPS Drone x1
- P5G Black Remote Control x1
- Handbag x1
- Extra Propellers x4 & Propeller Cover x4
- User Manual x1
- P5G Drone Battery x2
- Charge Line x1



Image: All components of the TOMZON P5G drone package laid out, including the drone, remote control, carrying bag, two batteries, charging cable, extra propellers, and propeller guards.

SAFETY GUIDELINES

For your safety and to prevent damage to the drone, please adhere to the following guidelines:

- Always operate the drone in open areas, away from people, animals, and obstacles.
- Do not fly near airports, restricted airspace, or sensitive facilities.
- Maintain visual line of sight with the drone at all times.
- Check local regulations regarding drone operation before flying.
- Ensure batteries are fully charged and propellers are securely attached before each flight.
- Do not operate the drone in strong winds or adverse weather conditions.
- Keep fingers and loose objects away from rotating propellers.

SETUP

1. Battery Installation & Charging

The TOMZON P5G drone comes with two rechargeable Lithium Ion batteries, providing up to 36 minutes of flight time. Ensure both batteries are fully charged before first use.

- Insert the drone battery into the battery compartment on the rear of the drone until it clicks into place.
- To charge, connect the provided charge line to the battery and a suitable USB power source (e.g., computer USB port or USB wall adapter).
- The battery indicator lights will show charging status and turn off when fully charged.



Image: Two TOMZON P5G drone batteries, highlighting their capacity for extended flight time.

2. Propeller Installation

The drone comes with propellers pre-installed. If replacement is needed, ensure correct propeller type (A or B) is matched to the corresponding motor arm. Use the provided screwdriver to secure them.

3. Remote Control Setup

Install 3 AA batteries (not included) into the remote control. Power on the remote control and then the drone. The drone and remote will automatically pair. Refer to the remote control diagram for button functions.

4. App Installation & Connection

Download the "FlyCam" APP from your smartphone's app store. Connect your smartphone to the drone's 5G Wi-Fi network (ensure your phone supports 5G WiFi). Open the app to view the live FPV feed and access advanced flight features.

OPERATING INSTRUCTIONS

1. Pre-Flight Checklist

- Ensure drone and remote control batteries are fully charged.
- Check that propellers are securely attached and undamaged.
- Select an open, clear area for flight, away from obstacles and people.
- Calibrate the drone's compass and gyroscope as per app instructions.

2. Take-off and Landing

After calibration, press the One Key Take-off/Land button on the remote control or within the app. The drone will automatically ascend to a safe altitude or descend and land gently.

3. Flight Modes

The TOMZON P5G offers multiple intelligent flight modes for enhanced control and creative shots:

- **GPS Mode:** Utilizes high-precision GPS for stable hovering and accurate positioning.
- **Follow Me Mode:** The drone will automatically follow your movement, capturing video as you go.
- **Circle Flight:** The drone will fly in a circular path around a designated point.
- **Custom Path Flight:** Draw a desired flight path on the app map, and the drone will follow it.

MULTIPLE FLIGHT MODES

A Lot More Fun



Image: Visual representation of the drone's multiple flight modes, including Circle Flight, Waypoint Fly, and Follow Me.

4. Camera Operation

The 4K Ultra Clear camera with 90° remote adjust and 120° wide view lens allows for high-quality photo and video capture. Control the camera angle directly from the remote control or the app. Images and videos are saved directly to your phone.

4K CAMERA WITH SERVO

Adjust The Angle of
Camera in The Air



4K

Image: A detailed view of the drone's 4K camera, emphasizing its servo-controlled adjustability.

5. Auto Return System

The drone features an Auto Return System that recalls the drone automatically in cases of low battery, lost signal, or when it flies out of range. You can also initiate a One Button Return manually.

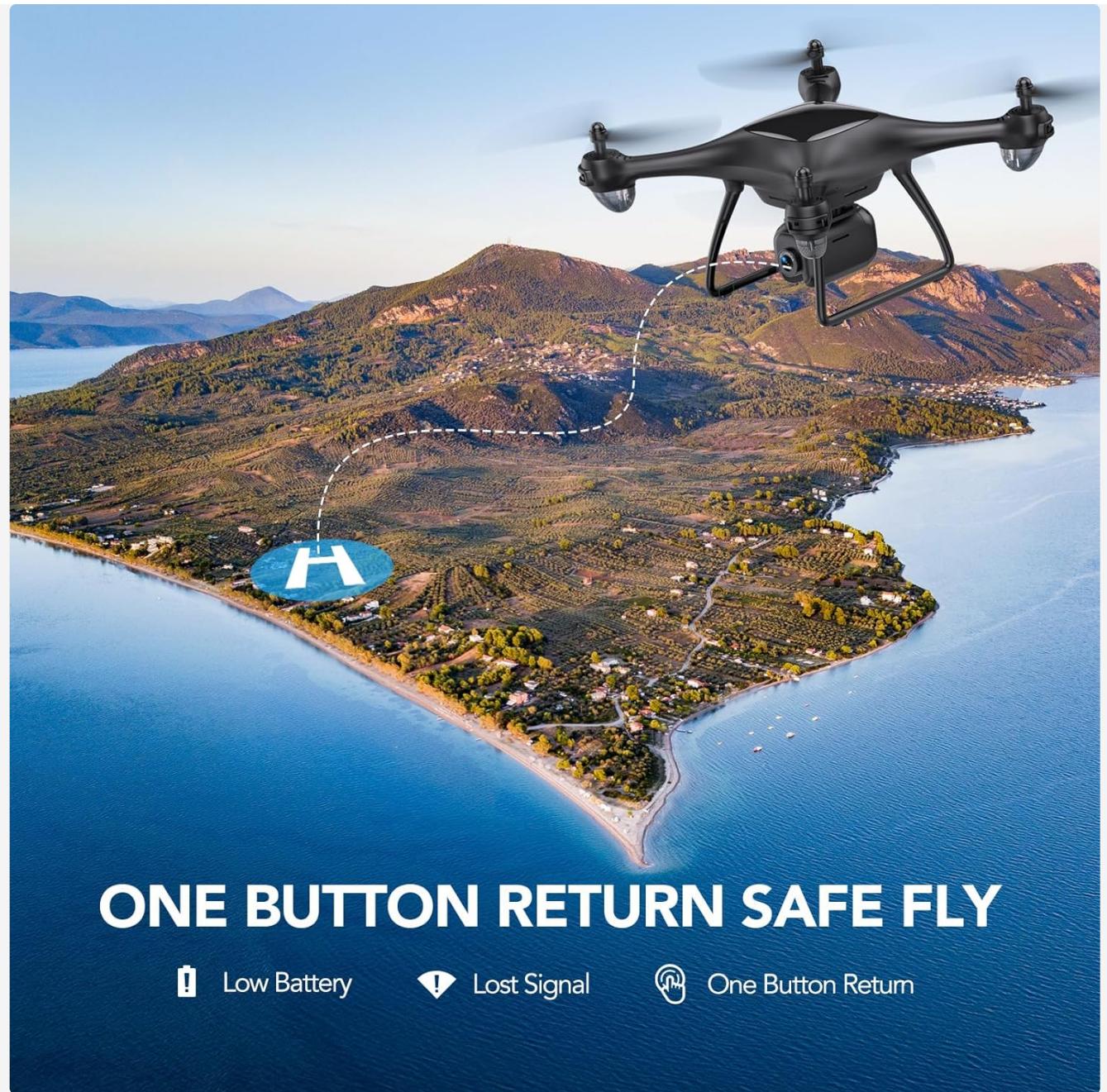


Image: The drone demonstrating its One Button Return feature, showing its path back to the takeoff point.

6. Speed Adjustment

Adjust the flight speed to 30%, 60%, or 100% to suit different flying environments and skill levels. This feature ensures stable flight and adaptability.

7. Beginner Mode

For first-time flyers, the drone offers a 30m range beginner mode and basic functions like headless mode and precise altitude hold to simplify the learning process.

STABLE FLY EASY FOR BEGINNERS

► Air Pressure Sensor

► One Key to Take off/Land

► 3 Speeds Adjustable



Image: The drone demonstrating stable flight, highlighting features that make it easy for beginners.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your TOMZON P5G drone:

- **Cleaning:** Use a soft, dry cloth to clean the drone body and camera lens. Avoid using harsh chemicals.
- **Propellers:** Inspect propellers for cracks or damage before each flight. Replace any damaged propellers immediately.
- **Motors:** Keep motors free from dust and debris. Do not attempt to lubricate the motors.
- **Batteries:** Store batteries in a cool, dry place. Do not overcharge or over-discharge. If storing for extended periods, charge to about 50% capacity.
- **Storage:** When not in use, store the drone and its components in the provided carrying case to protect them from dust and physical damage.

TROUBLESHOOTING

If you encounter issues with your TOMZON P5G drone, refer to the table below for common problems and their solutions:

Problem	Possible Cause	Solution
Drone does not power on	Low battery; Battery not inserted correctly	Charge battery; Reinsert battery firmly
Drone does not respond to remote	Not paired; Remote battery low; Out of range	Re-pair drone and remote; Replace remote batteries; Fly within range
Unstable flight/Drifting	Improper calibration; Damaged propellers; Strong winds	Recalibrate gyroscope/compass; Replace damaged propellers; Fly in calm conditions
No FPV image on phone	Phone not connected to drone Wi-Fi; App not open; Phone does not support 5G WiFi	Connect to drone's Wi-Fi; Open FlyCam app; Check phone compatibility
Drone flies away/Lost signal	Out of range; GPS signal lost	Ensure flight within specified range; Wait for GPS signal to stabilize; Auto Return Home should activate

SPECIFICATIONS

Feature	Detail
Brand	TOMZON
Model Name	P5G-DB-US
Special Features	GPS Auto Return Home, Custom Path Flight Mode, One Button Recall Drone, Follow Me Mode
Color	Black
Video Capture Resolution	4K
Connectivity Technology	Wi-Fi (5G)
Skill Level	Beginner
Item Weight	238 Grams (8.4 ounces)
Video Capture Format	MP4
Maximum Range	985 Feet
Material	Plastic
Battery Type	Lithium Ion

Feature	Detail
Flight Time	Up to 36 minutes (with 2 batteries)
Product Dimensions	8.07" L x 8.07" W x 4.13" H

WARRANTY AND SUPPORT

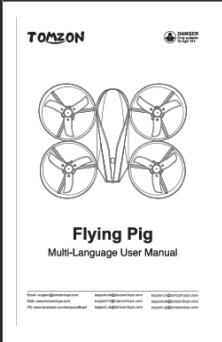
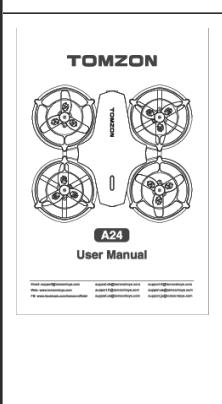
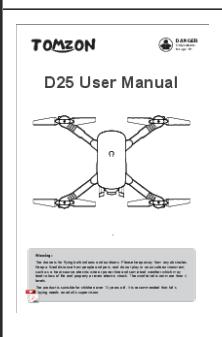
TOMZON is dedicated to providing high-quality camera drones and excellent customer service. Each TOMZON drone comes with a **one-year warranty**.

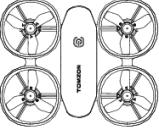
For any questions, technical assistance, or support, please contact our **24/7 online help** service. We are always available to provide customized usage tips and support to ensure a worry-free experience.

All accessories for your drone are available through our support channels.

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Related Documents - P5G-DB-US

	<p>TOMZON Flying Pig Drone: Multi-Language User Manual Comprehensive user manual for the TOMZON Flying Pig drone, covering setup, flight controls, modes, specifications, troubleshooting, and safety precautions. This manual is available in multiple languages.</p>
	<p>Tomzon A24 Drone User Manual User manual for the Tomzon A24 drone, covering product description, remote control operation, battery installation and charging, quick start guide, calibration, flight controls, safety features, and specifications.</p>
	<p>Tomzon D25 Drone User Manual: Features, Operation, and Safety Guide Comprehensive user manual for the Tomzon D25 drone, covering setup, flight operations, safety guidelines, troubleshooting, and app integration. Learn how to fly and operate your drone safely and effectively.</p>

 <p>TOMZON D28 Drone User Manual</p>	<p><u>Tomzon D28 Drone User Manual</u></p> <p>Comprehensive user manual for the Tomzon D28 Drone, covering safety guidelines, installation, controller functions, flight operations, app usage, specifications, troubleshooting, and FCC information.</p>
 <p>TOMZON D25 User Manual</p>	<p><u>TOMZON D25 Drone User Manual: Setup, Flying, and Troubleshooting</u></p> <p>Comprehensive user manual for the TOMZON D25 drone. Learn about setup, flight controls, safety guidelines, troubleshooting common issues, and app integration for beginners and enthusiasts.</p>
 <p>TOMZON A23 User Manual</p>	<p><u>Tomzon A23 Mini Drone User Manual</u></p> <p>User manual for the Tomzon A23 Mini Drone, providing instructions on setup, operation, safety, and specifications. Learn how to fly, calibrate, and utilize various flight modes.</p>