

Silverlit 54105

Flybotic Foldable Pro Drone User Manual

Model: 54105 | Brand: Silverlit

1. INTRODUCTION

The Flybotic Foldable Pro Drone is a high-performance foldable drone designed for aerial photography and advanced piloting. It features an integrated HD camera, live video feedback to the remote control, and a remotely adjustable camera for an immersive experience. Equipped with GPS and a 'Follow Me' function, this drone is suitable for users aged 14 and above.

2. SAFETY INFORMATION

WARNING: Not suitable for children under 36 months. Contains small elements that could be swallowed.

- Always operate the drone in open, clear areas, away from people, animals, and obstacles.
- Ensure the drone's battery and remote control battery are fully charged before each flight.
- Do not fly the drone in strong winds or adverse weather conditions.
- Maintain a safe distance from the drone during operation.
- Read the entire manual before first use to understand all functions and safety precautions.

3. SETUP

3.1. Package Contents

Before starting, ensure all components are present:

- Flybotic Foldable Pro Drone
- Remote Control with integrated screen
- Drone Battery
- Remote Control Battery
- Spare Propellers
- USB-A to C Charging Cable

- User Manual (this document)

3.2. Charging Batteries

Charge both the drone and remote control batteries using the provided USB-A to C cable. Ensure the batteries are fully charged before the first flight.

3.3. Unfolding the Drone

Gently unfold the drone arms until they click into place. Ensure all propellers are securely attached and free from obstruction.



Image: The Flybotic Foldable Pro Drone in its unfolded state, ready for flight. Note the HD camera at the front.

3.4. Remote Control Overview

Familiarize yourself with the remote control. It features an integrated screen for live video feedback and various control sticks and buttons for drone operation.



Image: The remote control for the Flybotic Foldable Pro Drone, showing the integrated display and control sticks.

3.5. App Connection (if applicable)

For advanced features and real-time flight data, download the dedicated drone application on your smartphone. Connect your phone to the drone's Wi-Fi network as instructed in the app. Grant necessary permissions for camera, photo library, wireless data, and location services.

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Video: Guide on how to download and connect the drone application for enhanced control and features.

3.6. Drone Preparation and Calibration

Before each flight, perform a full calibration as indicated in the manual. This ensures stable flight and accurate GPS functionality. Place the drone on a flat, level surface for calibration.

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Video: Detailed instructions on preparing the G9 Drone for flight, including calibration steps.

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Video: A first-use guide demonstrating the initial setup and preparation of the drone.

4. OPERATING INSTRUCTIONS

4.1. Basic Flight Controls

The remote control allows for precise manipulation of the drone. The left joystick typically controls altitude and rotation, while the right joystick controls forward/backward and left/right movement.

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Video: A comprehensive user guide for the TL16LCD remote control, detailing joystick functions and button layouts.

4.2. Taking Off and Landing

After calibration, press the one-key take-off button or use the joysticks to slowly ascend. For landing, press the one-key landing button or gently lower the drone using the left joystick.

4.3. Camera Operation

The integrated HD camera captures clear images and videos. The camera angle can be adjusted remotely via the remote control. Live video feedback is displayed on the remote control's screen, allowing for real-time framing of your shots.

4.4. GPS Functions

- **'Follow Me' Mode:** When activated, the drone will automatically follow the remote control (or connected smartphone) at a set distance and altitude, capturing dynamic footage of your movements.
- **Return to Home (RTH):** This function allows the drone to automatically return to its take-off point. Ensure sufficient GPS satellite lock before activating RTH for accuracy.

4.5. Flight Modes

The drone may offer different speed modes to suit various piloting skill levels. Consult the remote control guide or app for details on switching between modes.

5. MAINTENANCE

5.1. Cleaning

Regularly clean the drone body, propellers, and camera lens with a soft, dry cloth. Avoid using harsh chemicals or liquids that could damage components.

5.2. Propeller Replacement

Inspect propellers for any damage (cracks, bends) before each flight. Replace damaged propellers immediately using the provided spare parts and tools. Ensure propellers are installed correctly according to their rotation direction.

5.3. Battery Care

Store batteries in a cool, dry place. Do not overcharge or completely discharge batteries. If storing for extended periods, charge batteries to approximately 50% capacity.

6. TROUBLESHOOTING

- **Drone is unstable or drifts:** Perform a full calibration as described in the setup section. Ensure you are flying in calm conditions.
- **Poor video quality or signal loss:** Ensure the drone and remote control are within the specified operating range. Check for environmental interference. Ensure the app is correctly connected if using a smartphone.
- **Short flight time:** Ensure batteries are fully charged. Flight time can be affected by aggressive piloting, strong winds, and cold temperatures.
- **Drone flies erratically or is unresponsive:** Re-calibrate the drone and remote control. Check for any physical damage to propellers or motors. Ensure there is no strong electromagnetic interference in the flight area.
- **GPS functions (Follow Me, RTH) are imprecise:** Ensure the drone has acquired a sufficient number of GPS satellites before take-off. Fly in open areas with a clear view of the sky.

7. SPECIFICATIONS

Brand	Silverlit
Model Name	Drone Foldable Pro
Model Number	54105
Special Features	GPS with 'Follow Me' function, adjustable HD camera
Age Range	14 years and up
Components Included	Drone Battery, Remote Control Battery, Remote Control
Video Capture Format	MP4
Control Type	Remote Control
Material	Plastic
Wireless Communication Technology	Radiofrequency
Optical Sensor Technology	CMOS
Batteries Included	Yes
Rechargeable Batteries Provided	No (implies standard batteries for remote, rechargeable for drone)
Country of Origin	China

8. WARRANTY

This product comes with a **2-year warranty** from the date of purchase. Please retain your proof of purchase for any warranty claims. The warranty covers manufacturing defects but does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

9. SUPPORT

For further assistance, technical support, or spare parts, please refer to the official Silverlit website or contact their customer service department. Contact information can typically be found on the product packaging or the brand's official website.