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Silverlit 21251

Silverlit Flybotic Flashing Drone (Model 21251) User Manual

This manual provides essential instructions for the safe operation, setup, and maintenance of your Flybotic Flashing Drone. Please read thoroughly before use.

Important Safety Information

This product is not suitable for children under 8 years of age (96 months) due to small parts and functional sharp points. Adult supervision is recommended at all times during operation.

- Operate in open, clear areas, away from people, animals, and obstacles.
- Do not operate near high voltage lines, trees, or water.
- Keep fingers, hair, and loose clothing away from rotating propellers.
- Do not touch the drone while propellers are spinning.
- Do not modify the drone or its components.
- Use only original replacement parts.
- Ensure the drone is fully charged before each flight.
- Do not expose batteries to extreme temperatures or direct sunlight.
- Always turn off the drone and controller after use.

Package Contents

Verify that all items are present in your package:

- Flybotic Flashing Drone
- Classic Remote Control
- Wrist Movement Control Bracelet
- USB Charging Cable
- Spare Propellers (4x)
- Screwdriver



The package includes the Flybotic Flashing Drone, a classic remote control, a wrist movement control bracelet, a USB charging cable, four spare propellers, and a small screwdriver for maintenance.

Product Overview

The Flybotic Flashing Drone offers an engaging flight experience with two control modes and luminous effects.

- **Two Control Modes:** Fly using either the classic remote control or the innovative wrist movement control bracelet.
- **Luminous Effects:** Integrated LEDs allow for exciting flights in low-light conditions.
- **Easy to Pilot:** Features altitude hold for stable indoor and outdoor flight.
- **360° Flips:** Perform impressive aerial stunts with a simple command.
- **2.4 GHz Technology:** Ensures a stable connection and a maximum range of 30 meters.



The Flybotic Flashing Drone features integrated LED lights for impressive luminous effects during flight.

Setup

Charging the Drone Battery

The drone is powered by a 3.7V, 550mAh Li-Po battery.

1. Locate the drone's battery compartment.
2. Connect the drone's battery to the provided USB charging cable.
3. Connect the USB charging cable to a suitable USB power source (e.g., computer, USB wall adapter).
4. Charging time is approximately 50 minutes. The indicator light on the USB cable will show charging status (e.g., red for charging, off when fully charged).

Installing Controller Batteries

The classic remote control requires 3 AAA batteries (not included). The wrist control bracelet includes 1 CR2032 battery (included).

1. For the classic remote control, open the battery compartment on the back.

2. Insert 3 AAA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment.
4. The wrist control bracelet's CR2032 battery is pre-installed.

Pairing the Drone and Controller

Before first flight, pair the drone with your chosen controller.

1. Place the drone on a flat, level surface.
2. Turn on the drone. The LED lights will flash.
3. Turn on your chosen controller (classic remote or wrist bracelet).
4. For the classic remote: Push the left joystick up then down. The drone's lights will become solid, indicating successful pairing.
5. For the wrist bracelet: Press the pairing button three times. The drone's lights will become solid, indicating successful pairing.

Video demonstrating the pairing process for the Flybotic Flashing Drone with both the classic remote control and the wrist movement control bracelet.

Operating Instructions

Classic Remote Control

The classic remote control offers precise flight control.

1. **Automatic Take-off:** Press the one-key take-off button to launch the drone.
2. **Altitude Hold:** The drone will automatically maintain its altitude, making it easier to control.
3. **Directional Control:** Use the left joystick for altitude and rotation, and the right joystick for forward, backward, left, and right movements.
4. **Luminous Effects:** The drone's integrated LEDs will light up during flight.
5. **360° Flips:** Press the flip button and move the right joystick in the desired direction to perform a 360-degree flip.
6. **Automatic Landing:** Press the one-key landing button to safely land the drone.



The Flybotic Flashing Drone can be controlled using either the traditional remote or the innovative wrist-mounted gesture controller.

Wrist Movement Control Bracelet

Experience intuitive flight control with hand gestures.

1. **Automatic Take-off:** Press the take-off button on the bracelet.
2. **Altitude Hold:** The drone will maintain its altitude automatically.
3. **Up and Down:** Move your hand up or down to control the drone's vertical movement.
4. **Left and Right Rotation:** Rotate your wrist left or right to make the drone spin.
5. **Forward and Backward:** Tilt your hand forward or backward to move the drone in those directions.
6. **Left and Right Movement:** Tilt your hand left or right to move the drone sideways.
7. **Obstacle Avoidance:** The drone features infrared sensors to help avoid obstacles.
8. **360° Flips:** Press the stunt button on the bracelet and perform a quick hand movement to execute a 360-degree flip.
9. **Emergency Stop:** Press the emergency stop button on the bracelet to immediately halt the drone's motors.
10. **Automatic Landing:** Press the landing button on the bracelet to safely land the drone.

This video illustrates how to operate the Flybotic Flashing Drone using the wrist movement control bracelet, showcasing its gesture-based controls and special

functions.

Maintenance

Cleaning

Regularly clean your drone to ensure optimal performance.

- Use a soft, dry cloth to wipe down the drone's body.
- Avoid using water or cleaning solutions directly on electronic components.
- Gently remove any dust or debris from the propellers and motors.

Propeller Replacement

If a propeller is damaged, replace it with a spare one using the provided screwdriver.

1. Turn off the drone and remove the battery.
2. Carefully unscrew the damaged propeller from its motor shaft.
3. Attach a new propeller, ensuring it is the correct type (A or B, usually marked on the propeller and drone arm).
4. Securely fasten the screw.

Troubleshooting

Problem	Solution
Drone does not take off.	Ensure the battery is fully charged and correctly installed. Verify that the drone and controller are properly paired. Check for any obstructions to the propellers.
Drone is unstable or drifts.	Perform a calibration on a flat surface. Check if any propellers are damaged or bent. Ensure no debris is interfering with the motors.
Controller not responding.	Check controller batteries. Re-pair the controller with the drone. Ensure you are within the operating range (30 meters).
Short flight time.	Ensure the battery is fully charged. Flight time is approximately 6 minutes. Consider purchasing additional batteries for extended play.

Technical Specifications

- **Brand:** Silverlit
- **Model Name:** Flashing Drone
- **Model Number:** 21251
- **Control Technology:** 2.4 GHz Radio Frequency
- **Max Range:** 30 meters
- **Drone Battery:** 1 x 3.7V, 550mAh Li-Po Battery (included)
- **Classic Remote Batteries:** 3 x AAA (not included)
- **Wrist Bracelet Battery:** 1 x CR2032 (included)
- **Charging Time:** Approx. 50 minutes
- **Flight Time:** Approx. 6 minutes
- **Dimensions (L x W x H):** 17 x 17 x 5 cm
- **Weight:** 200 Grams
- **Material:** Plastic
- **Recommended Age:** 8+ years
- **Special Features:** 360° Flips, Altitude Hold, Luminous Effects, Obstacle Avoidance (Infrared)

Warranty and Support

This product comes with a 2-year warranty. For technical support, replacement parts, or warranty claims, please contact Silverlit customer service through their official website or your retailer.
Visit the official Silverlit website for more information: www.silverlit.com

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