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RED5 59092

RED5 Illuminator Drone User Manual

Model: 59092

1. Introduction

This manual provides essential instructions for the safe operation, setup, and maintenance of your RED5 Illuminator Drone, Model 59092. Please read this manual thoroughly before operating the drone to ensure proper function and to prevent damage or injury. This drone is designed for adult users.

2. Safety Guidelines

- **Flight Environment:** Operate the drone in open, clear areas, away from people, animals, buildings, and power lines. Avoid flying in strong winds or adverse weather conditions.
- **Battery Safety:** Use only the specified charging methods. Do not overcharge or puncture the battery. Discontinue use if the battery shows signs of swelling or leakage.
- **Propeller Safety:** Keep fingers, hair, and loose clothing away from rotating propellers. Always turn off the drone before handling or replacing propellers.
- **Supervision:** Adult supervision is recommended, especially for new users.
- **Water Exposure:** Do not expose the drone to water or moisture.
- **Age Recommendation:** This product is intended for adult use.

3. Package Contents

Verify that all items are present in your package:

- RED5 Illuminator Drone (Model 59092)
- Spare Rotary Blades



Image 3.1: The RED5 Illuminator Drone packaging, displaying the drone and its features.

4. Drone Overview

Familiarize yourself with the main components of your Illuminator Drone:

- **Propellers:** Four rotating blades for lift and propulsion.
- **Motor Guards:** Protective frames around the propellers.
- **LED Lights:** Integrated bright LED lights for visibility and illumination.
- **Battery Compartment:** Location for the drone's rechargeable battery.
- **Charging Port:** For connecting the charging cable.
- **Camera (if applicable):** For video capture (480p resolution).



Image 4.1: The RED5 Illuminator Drone showcasing its bright green and blue LED lights in a dark setting.

5. Setup

5.1 Battery Charging

1. Locate the drone's charging port.
2. Connect the provided charging cable to the drone and a suitable USB power source (e.g., computer USB port, USB wall adapter).
3. The charging indicator light will show the charging status. A full charge typically takes approximately 6-7 hours.
4. Once fully charged, disconnect the cable. A fully charged battery provides approximately 5-7 minutes of flight time.

5.2 App Installation and Connection

The RED5 Illuminator Drone is controlled via a mobile application. Please refer to the product packaging or manufacturer's website for the specific app name and download instructions.

1. Download and install the official control app on your smartphone or tablet.
2. Ensure your device's Bluetooth and Wi-Fi are enabled.
3. Power on the drone. The drone's indicator lights will flash, indicating it is ready for pairing.
4. Open the control app and follow the on-screen instructions to connect to the drone via Bluetooth or Wi-Fi. The drone's unique identifier should appear in the app's device list.
5. Once connected, the drone's indicator lights will become solid.

6. Operation

6.1 Basic Flight Controls

Once connected to the app, the interface will display virtual joysticks and control buttons. Familiarize yourself with these controls:

- **Take-off/Landing:** Typically a one-touch button within the app.
- **Throttle (Left Joystick):** Controls altitude (up/down) and rotation (yaw left/right).
- **Directional Control (Right Joystick):** Controls forward, backward, left, and right movement.
- **Trim Adjustments:** Buttons to fine-tune the drone's stability if it drifts in any direction.

6.2 Headless Mode

Headless Mode simplifies flight by eliminating the need to orient the drone. In this mode, the drone's forward direction is relative to the user's perspective at the time of activation, regardless of the drone's actual front.

- **Activation:** Press the Headless Mode button in the app. The drone's lights may flash to confirm activation.
- **Operation:** Pushing the directional joystick forward will always make the drone fly away from you, pulling back will bring it towards you, and so on.
- **Deactivation:** Press the Headless Mode button again to exit this mode.

6.3 360-Degree Flips

The drone is capable of performing 360-degree aerial flips.

- **Activation:** Ensure the drone is flying at a sufficient height (at least 3 meters). Press the 360-degree flip button in the app.
- **Direction:** Immediately after pressing the flip button, push the directional joystick in the desired flip direction (forward, backward, left, or right). The drone will perform a flip in that direction.

6.4 LED Light Control

The Illuminator Drone features bright LED lights for enhanced visibility and visual effects.

- The LED lights activate automatically when the drone is powered on.
- Specific controls for changing light patterns or turning them off/on may be available within the control app. Refer to the app interface for these options.

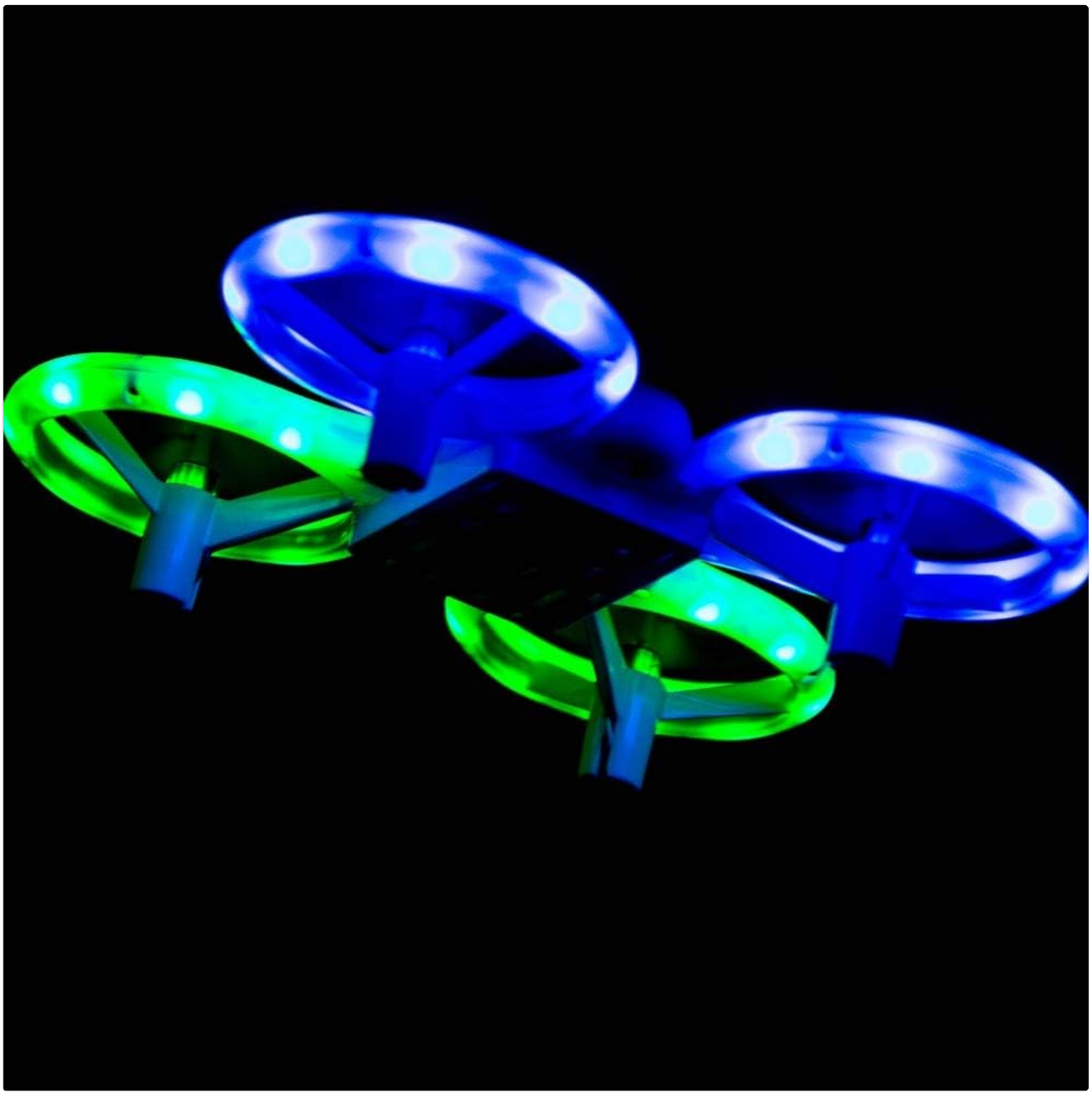

Image 6.1: The RED5 Illuminator Drone illuminated by its green and blue LED lights, viewed from below.

6.5 Video Recording

The drone is equipped with a camera capable of 480p video capture in MP4 format.

- **Activation:** Look for a camera or record button within the control app interface.
- **Storage:** Recorded videos are typically saved directly to your connected mobile device or to an onboard storage (if available). Consult the app's settings for storage options.

7. Maintenance

7.1 Propeller Replacement

In case of damage, propellers can be replaced using the spare blades provided.

1. Ensure the drone is powered off.
2. Carefully remove the damaged propeller by gently pulling it upwards from the motor shaft. Note the orientation of the propeller (some drones use 'A' and 'B' type propellers for different motors).

3. Align the new propeller with the motor shaft and press it down firmly until it is securely seated.
4. Test the drone in a safe area after replacement.

7.2 Cleaning

- Use a soft, dry cloth to clean the drone's body.
- Avoid using harsh chemicals or solvents.
- Gently remove any debris from the motors and propellers.

8. Troubleshooting

Problem	Possible Cause	Solution
Drone does not power on	Battery is not charged or improperly installed.	Ensure battery is fully charged and correctly inserted.
Drone does not connect to app	Bluetooth/Wi-Fi off, app not open, drone not in pairing mode.	Check device's Bluetooth/Wi-Fi, restart app, power cycle drone.
Short flight time	Battery not fully charged, old battery, aggressive flying.	Fully charge battery (6-7 hours for 5-7 min flight). Consider battery replacement if performance degrades significantly.
Drone drifts during flight	Needs calibration, uneven propeller wear.	Perform calibration via the app. Check and replace worn propellers.
Propellers not spinning	Obstruction, motor damage, loose propeller.	Check for obstructions. Ensure propellers are securely attached. Contact support if motor damage is suspected.

9. Specifications

Feature	Detail
Brand	RED5
Model Name	Illuminator Drone (Quadcoptor)
Model Number	59092
Special Feature	Lightweight, Bright LED Lights, 360-degree Flips, Headless Mode
Age Range (Recommended)	Adult
Color	Red (Product images show white/blue/green)
Video Capture Resolution	480p
Connectivity Technology	Bluetooth, Wi-Fi
Control Type	App Control
Maximum Range	30 Meters
Material	Nylon

Feature	Detail
Item Weight	0.31 Kilograms (10.9 ounces)
Product Dimensions	5.51 x 3.94 x 1.57 inches
Batteries Included	No (Rechargeable battery is integrated but not 'included' as a separate item)
Remote Control Included	No
Manufacturer	The Source Wholesale

10. Warranty and Support Information

For warranty information, technical support, or service inquiries, please refer to the contact details provided on the product packaging or visit the official RED5 website. Keep your purchase receipt as proof of purchase.

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

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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