

PALONE LT808S

PALONE Bug Zapper

USER MANUAL - MODEL LT808S

1. Introduction

Thank you for choosing the PALONE Bug Zapper. This device is designed to effectively eliminate flying insects both indoors and outdoors, providing a more comfortable environment. It features versatile charging options, including dual solar panels and USB, ensuring continuous operation. Please read this manual thoroughly before use to ensure proper operation and maintenance.

2. Safety Information

- Always keep the device out of reach of children and pets.
- Do not touch the internal high-voltage grid with bare hands or conductive materials.
- Ensure the device is powered off before cleaning or performing any maintenance.
- The protective shell is made of fire-rated materials for enhanced safety.
- Do not immerse the device in water. While designed for outdoor use, avoid direct exposure to heavy rain for prolonged periods. The unique sealing of the solar panel wire connectors ensures safe use in rainy environments.
- Use only the specified charging methods (solar or USB Type-C).

3. Product Overview

Familiarize yourself with the components of your PALONE Bug Zapper:

2 Charging Options



Image: Exploded view showing the internal and external components of the PALONE Bug Zapper.

1. **Hanging Hoop:** For suspending the zapper.
2. **Top Solar Panel:** 1.5W panel with light control capability for charging.
3. **Built-in Battery:** 2500 mAh capacity for extended operation.
4. **Switch Button:** Controls the operating modes.
5. **Type-C Port:** For USB charging.
6. **LED Lamp:** Provides white light illumination.
7. **High-voltage Power Grid:** Electrocutes insects.
8. **ABS Protective Net:** Outer safety cage.
9. **Removable Tray:** Collects zapped insect debris for easy cleaning.
10. **Ground Splitter Solar Panel:** 4W panel with 3.5m cable for flexible placement and enhanced solar charging.

4. Setup

The PALONE Bug Zapper offers flexible installation options:

- **Wall-Mounted:** Use appropriate hardware (not included) to mount the device on a wall. Ensure it is securely fastened.
- **Ground Insertion:** For outdoor spaces or courtyards, use the provided stake to insert the device into the ground.
- **Hanging:** Utilize the hanging hoop to suspend the zapper from a hook or branch.

When using the ground splitter solar panel, ensure it is placed in an area that receives maximum direct sunlight throughout the day. The angle of this panel can be adjusted to optimize light absorption and extend charging time.



Image: Demonstrates two ways to use the split solar panel, including wall mounting and ground insertion with an adjustable panel angle.

5. Operating Instructions

The device features a three-gear switch for different operating modes:

2-in-1

Multi-functional Lighting Modes

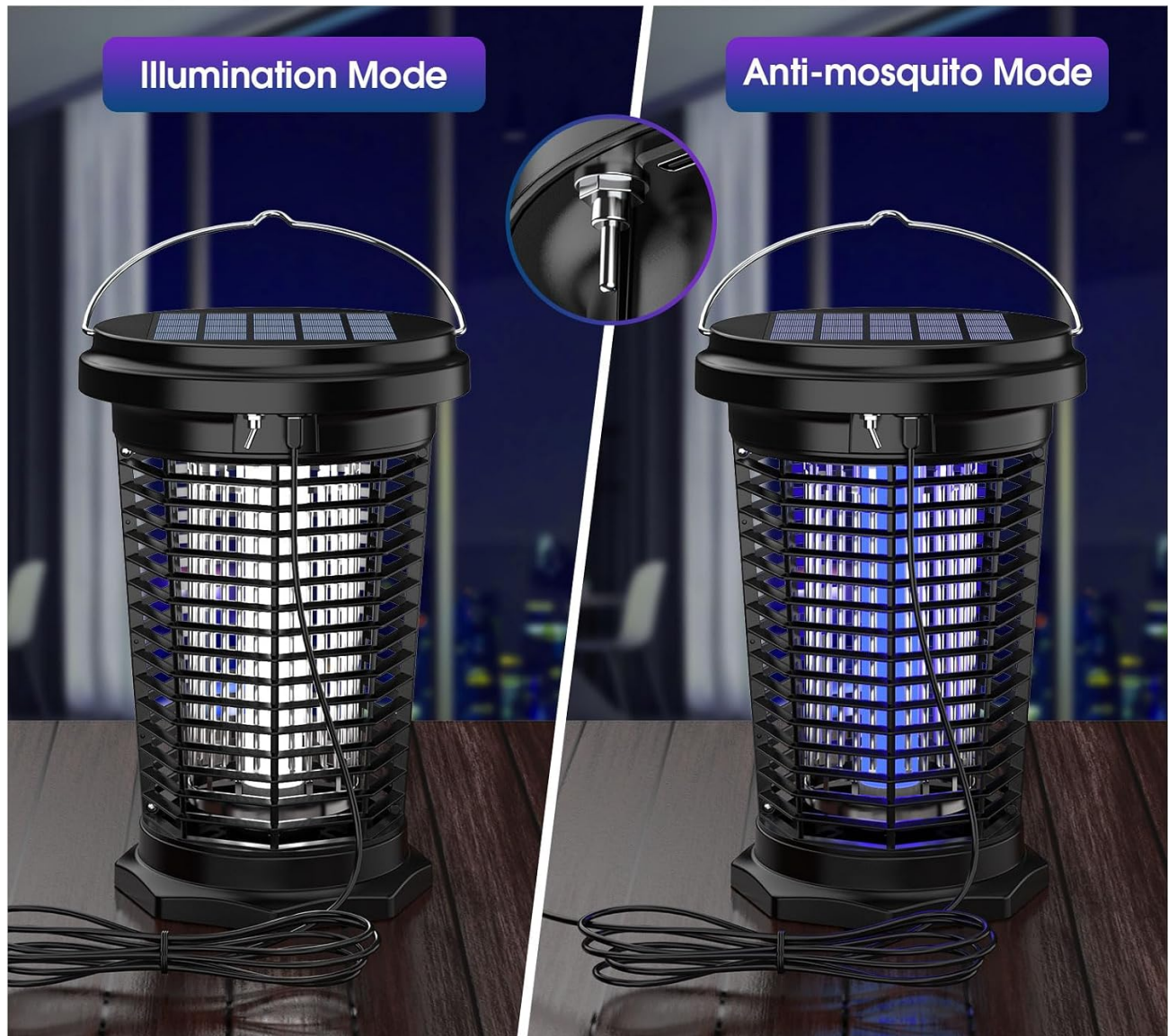


Image: Comparison of the bug zapper in Illumination Mode (white light) and Anti-mosquito Mode (violet light).

- **White Light (Lighting Only):** Activates the LED lamp for general illumination.
- **Violet Light (Light On, Grid Energized):** Activates the UV light to attract insects and energizes the high-voltage grid for zapping. This is the primary bug zapping mode.
- **Power Off:** Turns the device completely off.

A red light will flash while the device is charging, indicating the charging status.

6. Charging

Your PALONE Bug Zapper offers multiple convenient charging methods:

PALONE Solar Bug Zapper



Image: Illustrates the two primary charging options: solar panel charging and Type-C USB charging.

1. **Top Solar Panel:** The integrated 1.5W top solar panel charges the device automatically when exposed to sunlight. This panel has light control capability, meaning it can sense ambient light and manage charging accordingly.
2. **Dual Solar Panel (Top + Ground Splitter):** For faster and more efficient charging, connect the 4W ground splitter solar panel via its 3.5m cable. This allows for optimal positioning to capture sunlight, extending the charging time. The unique male and female connector design ensures excellent sealing and safety, even in rainy conditions.
3. **USB Charging (Type-C):** For indoor use or when solar charging is not feasible, connect the device using a USB Type-C cable (compatible with power banks, wall adapters, etc.). This method provides higher wattage for faster charging.

The 2500 mAh battery provides ultra-long endurance, allowing the device to operate continuously for up to 24 hours on a full charge.



Charging only

Light-sensitive Panel Control



**Invert the Product or Cover
the Top Panel**

Image: Demonstrates how the light-sensitive panel controls charging and how to ensure charging only by inverting the product or covering the top panel.

7. Maintenance

Regular cleaning ensures optimal performance and longevity of your bug zapper:

Kitchen



Image: Step-by-step guide on how to clean the removable tray of the bug zapper.

1. **Remove the Tray:** Rotate the bottom tray counterclockwise to detach it from the main unit.
2. **Dislodge Mosquitoes:** Use the provided cleaning brush to dislodge any trapped insects or debris from the tray and the high-voltage grid.
3. **Rinse the Tray:** Rinse the removable tray with water. Ensure the main unit (with electrical components) does not get wet.
4. **Dry and Reinstall:** Wipe the tray dry completely before rotating it clockwise to reinstall it onto the main unit.

For the high-voltage grid, use the cleaning brush to gently remove any stuck insects. Do not use water or wet cloths directly on the grid.

8. Troubleshooting

Problem	Possible Cause	Solution
Device does not turn on.	Low battery or no charge.	Charge the device using solar panels or the USB Type-C cable. Ensure the red charging indicator light is on.
Bug zapping is ineffective.	High-voltage grid is dirty or obstructed.	Clean the removable tray and gently brush the high-voltage grid to remove debris.
Solar charging is slow or not working.	Insufficient sunlight or obstructed solar panel.	Relocate the device and/or the ground splitter solar panel to an area with direct, unobstructed sunlight. Adjust the panel angle for optimal exposure.
Red charging light not flashing.	Device not connected properly for USB charging, or solar panel not receiving light.	Ensure USB cable is securely connected. For solar charging, confirm the solar panel is exposed to light; if the top panel is light-sensitive, ensure it's not covered or inverted if you expect it to charge.

9. Specifications

- **Model:** LT808S
- **Brand:** PALONE
- **Product Dimensions:** 7 x 7 x 11.4 inches (17.78 x 17.78 x 28.96 cm)
- **Item Weight:** 2.53 pounds (1.15 kg)
- **Battery Capacity:** 2500 mAh
- **Top Solar Panel:** 1.5W (with light control)
- **Ground Splitter Solar Panel:** 4W (with 3.5m cable)
- **Charging Methods:** Dual Solar Panel, USB Type-C
- **Material:** Fire-rated ABS (protective shell)
- **Color:** Purple
- **Country of Origin:** China

10. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official PALONE website. Keep your purchase receipt as proof of purchase for any warranty claims.

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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.

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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.

Submit question