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KOOSA MK01

KOOSA Bug Zapper MK01 User Manual

Model: MK01 | Brand: KOOSA

1. INTRODUCTION

Thank you for choosing the KOOSA MK01 Bug Zapper. This 2-in-1 portable and rechargeable device is designed to effectively eliminate flying insects using a high-voltage electrical grid and UV light, while also providing an LED night light function. It is suitable for both indoor and outdoor environments such as patios, gardens, camping sites, and backyards. Please read this manual thoroughly before use to ensure safe and optimal performance.



Image 1.1: The KOOSA MK01 Bug Zapper and its retail packaging.

2. KEY FEATURES

- **2-in-1 Functionality:** Combines a powerful bug zapper with an LED night light.
- **High-Efficiency Zapping:** Utilizes 365-395nm UV light to attract insects and a 4000V high-voltage grid for effective elimination.
- **Rechargeable Battery:** Equipped with a 4000mAh battery, providing up to 8 hours of use in zapper mode.
- **Smart Auto Control:** Features a built-in light sensor for automatic operation, turning on in dim light and off at dawn.
- **Wide Coverage:** Effective coverage area of up to 2100 sq. ft.
- **Safe Design:** Non-toxic, chemical-free, and features a rugged ABS housing with a 0.27-inch protective grid to prevent accidental contact.
- **Durable & Waterproof:** IP66 waterproof certification for outdoor use in various weather conditions.



Image 2.1: Overview of the bug zapper's main features and targeted insects.

3. IMPORTANT SAFETY INFORMATION

Please read and follow all safety instructions to prevent injury or damage to the device.

- **Keep Out of Reach of Children:** This product contains high-voltage electrical components. Ensure it is placed where children cannot access it.
- **Indoor/Outdoor Use:** Designed for both indoor and outdoor use. The IP66 rating ensures protection against water splashes, but avoid submerging the device.
- **Avoid Contact with Electrical Grid:** Do not touch the internal electrical grid with fingers or metal objects, even when the device is off.
- **Power Source:** Only use the provided USB cable for charging. Ensure the power adapter meets the required specifications.
- **Cleaning:** Always turn off and unplug the device before cleaning. Use the provided brush to remove insect debris. Do not rinse the main unit with water.

- **Placement:** For optimal performance, use the product in a dim environment. Bright ambient light may reduce the attractiveness of the UV lamp to insects.
- **Disposal:** Do not dispose of the battery in fire. Follow local regulations for battery disposal.

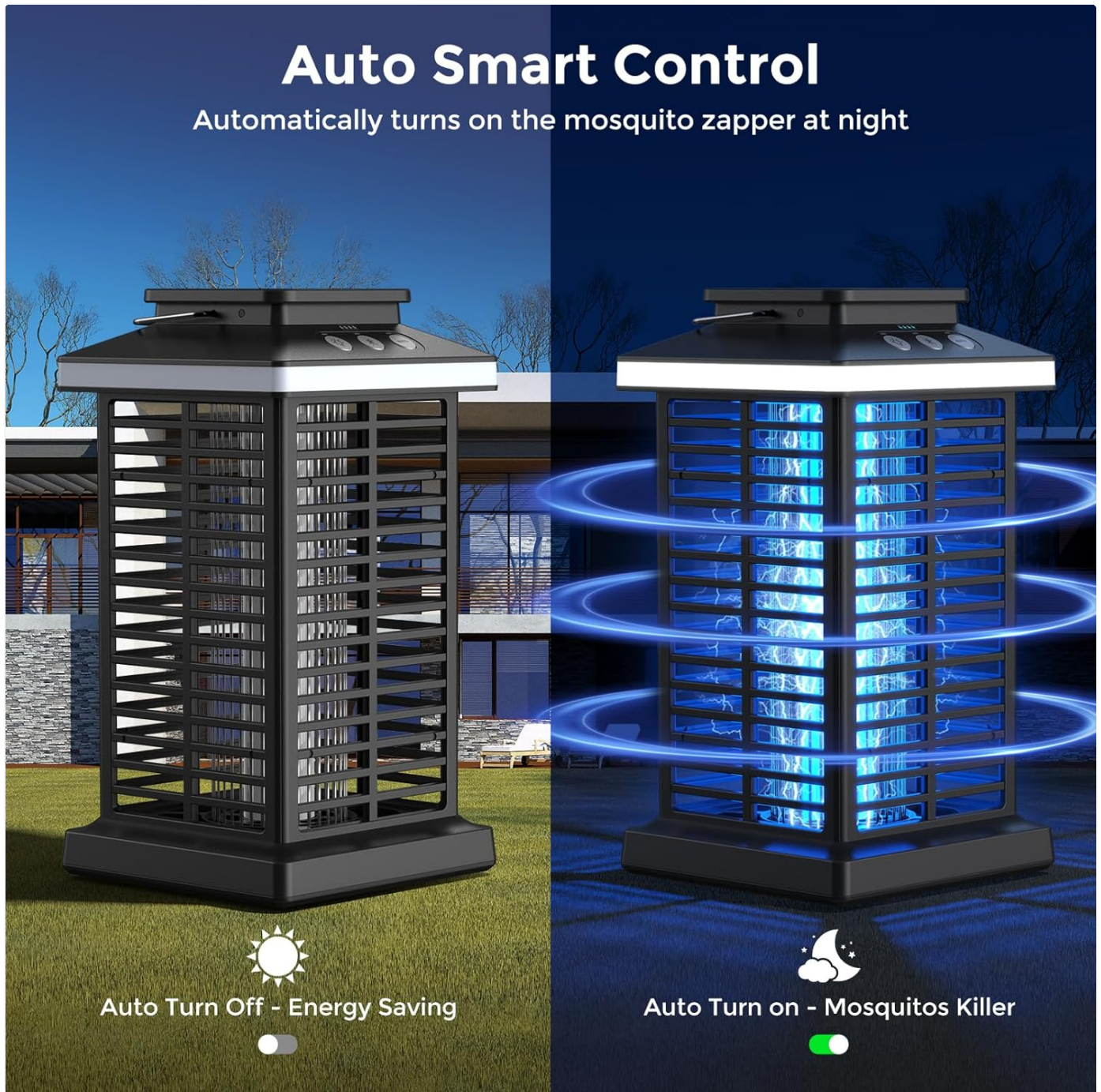


Image 3.1: The bug zapper's design incorporates safety features for households with children and pets.

4. PACKAGE CONTENTS

Please check the package for the following items:

- KOOSA MK01 Bug Zapper Unit
- USB-A to USB-C Charging Cable
- Cleaning Brush
- User Manual (this document)

5. PRODUCT DIAGRAM

Familiarize yourself with the components of your KOOSA Bug Zapper:



Image 5.1: Labeled components of the KOOSA MK01 Bug Zapper.

1. **Hanging Loop:** For convenient suspension.
2. **LED Switch:** Activates the LED night light.
3. **UV Switch:** Activates the UV bug zapper lamp.
4. **Auto Smart Switch:** Engages the automatic light sensor mode.
5. **LED Night Light:** Provides ambient illumination.
6. **20W 40V UV Lamp:** Attracts flying insects.
7. **Rugged ABS Housing:** Durable and protective outer casing.
8. **Removable Tray:** Collects zapped insect debris for easy cleaning.

6. SETUP

6.1 Initial Charging

Before first use, fully charge the bug zapper. This typically takes 3-4 hours.

1. Locate the USB-C charging port on the top of the device.
2. Connect the provided USB-A to USB-C cable to the bug zapper.
3. Plug the USB-A end into a compatible USB power source (e.g., wall adapter, power bank, computer USB port).
4. The charging indicator lights will illuminate to show charging status. Once fully charged, the lights may change or turn off depending on the model.



Image 6.1: Charging the device using the provided USB cable.

6.2 Placement

Choose an optimal location for your bug zapper:

- For best results, place the zapper in a dark area, away from other light sources that might compete with its UV attraction.
- Use the hanging loop to suspend the device from a hook, tree branch, or patio umbrella for elevated coverage.
- Ensure the device is placed in an area where air circulation is good, but not directly exposed to strong winds that could disperse insects before they reach the zapper.

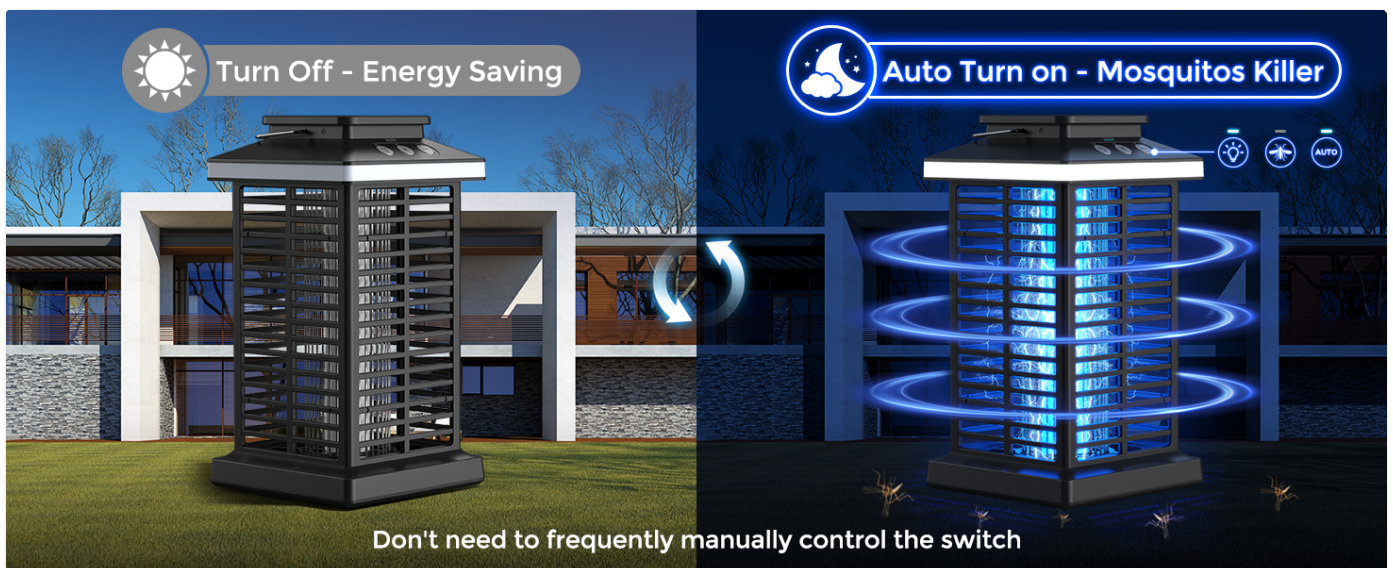


Image 6.2: Examples of using the hanging loop for versatile placement.

7. OPERATING INSTRUCTIONS

The KOOSA MK01 Bug Zapper features multiple operating modes controlled by the switches on the top panel.

7.1 Powering On/Off and Mode Selection

Press the respective buttons on the top panel to select your desired mode:

- **LED Switch:** Press to turn on/off the LED night light.
- **UV Switch:** Press to turn on/off the UV bug zapper lamp. This mode provides up to 8 hours of continuous operation on a full charge.
- **Auto Smart Switch:** Press to activate the automatic mode. In this mode, the bug zapper will automatically turn on when it detects dim light (e.g., at dusk) and turn off at dawn, conserving battery life and operating only when insects are most active.



Image 7.1: The Auto Smart Control feature for energy-efficient operation.

7.2 Battery Life Indication

The device may have indicator lights on the top panel to show the remaining battery charge. Refer to the product diagram for their location.

8. MAINTENANCE

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

8.1 Cleaning the Insect Tray

1. Ensure the bug zapper is turned off and disconnected from any power source.
2. Gently twist and remove the removable tray located at the bottom of the unit.
3. Use the provided cleaning brush to sweep away any dead insects or debris from the tray and the electrical grid.
4. The tray can be rinsed with water, but ensure it is completely dry before reattaching.
5. Reattach the tray by aligning it and twisting until secure.



Image 8.1: Steps for cleaning the removable insect tray.

8.2 General Care

- Wipe the exterior of the device with a soft, damp cloth if needed. Do not use harsh chemicals or abrasive cleaners.
- Store the device in a cool, dry place when not in use for extended periods.

9. TROUBLESHOOTING

If you encounter issues with your KOOSA Bug Zapper, refer to the following table:

Problem	Possible Cause	Solution
Device does not turn on.	Battery is depleted.	Charge the device fully (3-4 hours).
Bug zapper not attracting insects effectively.	Too much ambient light; zapper placed too high.	Move the zapper to a darker area. Place it at a height of 1.5-2 meters (5-7 feet) for optimal reach.
Zapping sound is weak or absent.	Insect debris accumulated on the grid.	Turn off and unplug the device. Clean the electrical grid with the provided brush.
Battery life is shorter than expected.	Continuous use of both LED and UV functions; battery degradation over time.	Use Auto mode to conserve power. Ensure full charge before each use.

10. SPECIFICATIONS

Model Number	MK01
Brand	KOOSA
Dimensions (L x W x H)	10.63"L x 5.51"W x 5.51"H
Item Weight	1.61 pounds
Material	Plastic (Rugged ABS Housing)

Battery Capacity	4000mAh Lithium Polymer
Charging Time	3-4 hours (via USB-C)
Operating Time (Zapper Mode)	Up to 8 hours
UV Wavelength	365-395nm
Grid Voltage	4000V
Coverage Area	Up to 2100 sq. ft.
Waterproof Rating	IP66
UPC	860011864042

11. WARRANTY AND SUPPORT

KOOSA is committed to providing high-quality products and customer satisfaction.

11.1 Warranty Information

While specific warranty details are not provided in this manual, KOOSA typically offers a satisfaction guarantee. Please refer to your purchase documentation or the product listing for the most up-to-date warranty terms.

11.2 Customer Support

For any questions, concerns, or technical assistance, please contact KOOSA customer service. We offer 24-hour online customer service to assist you.

You can typically find contact information on the product packaging, the official KOOSA website, or through your purchase platform (e.g., Amazon).

Online Support: [Visit the KOOSA Store on Amazon](#)

