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## Endbug KN-02

# Endbug Bug Zapper Instruction Manual

Model: KN-02 | Brand: Endbug

## INTRODUCTION

Thank you for choosing the Endbug Bug Zapper. This device is designed to effectively control flying insects both indoors and outdoors, featuring a powerful electric grid and an integrated LED light for versatile use. Please read this manual thoroughly before operation to ensure safe and optimal performance.



Figure 1: Endbug Bug Zapper, showing its main components and design.

## SAFETY INSTRUCTIONS

To prevent injury or damage, always follow these basic safety precautions:

- **Keep out of reach of children and pets.** The high-voltage grid can cause electric shock.
- Do not insert foreign objects into the zapper grid.
- Do not use near flammable liquids or gases.
- Unplug the device before cleaning or performing any maintenance.
- Do not immerse the unit in water. While IPX6 waterproof, it is not designed for submersion.
- Ensure the power cord is not damaged and is placed where it cannot be tripped over.
- For outdoor use, connect to a Ground Fault Circuit Interrupter (GFCI) protected outlet.

- Do not hang the zapper directly over food preparation areas.

## How to Clean the Insects



## How to Replace the Bulb



Figure 2: The zapper features a fireproof ABS material and 0.27-inch frame intervals for enhanced safety around family and pets.

## PACKAGE CONTENTS

Verify that all items are present in the package:

- Endbug Bug Zapper Unit (Model KN-02)
- Cleaning Brush
- Instruction Manual

## SETUP

Follow these steps to set up your Endbug Bug Zapper:

1. **Unpack:** Carefully remove the bug zapper and all accessories from the packaging.
2. **Placement:**
  - For optimal performance, place the zapper in a dark area away from other light sources.
  - Hang the zapper using the integrated hook, ensuring it is at a height of 5-7 feet from the ground for best insect attraction.
  - Position it at least 20-30 feet away from human activity areas to draw insects away from people.
3. **Power Connection:** Plug the 5ft (1.5m) power cord into a suitable electrical outlet.



# EASY OPERATION



Figure 3: The compact design (L5.9" x W5.9" x H12") and 1.5m power cord allow for flexible placement.

## OPERATING INSTRUCTIONS

The Endbug Bug Zapper features a 2-in-1 design for insect control and illumination.

1. **Activating the Zapper:** Once plugged in, the 365nm purple UV light will automatically turn on, attracting mosquitoes, gnats, Aedes, flies, moths, and other phototaxis insects to the 4200V high-voltage grid.
2. **Using the LED Light:** The bottom of the zapper features an integrated LED white light. Locate the ON/OFF switch on the top of the unit to control this light independently. This feature is ideal for illuminating dark areas at night.



**2-IN-1  
BUG ZAPPER  
WITH LED LIGHT**

*The bottom LED white light  
can brighten the darkness  
it has an ON/OFF button  
you could control it as demand*

 **Mosquito**  **Gnats**  **Aedes**  **Flies**  **Moths**  **Wasps**

The advertisement features a black and blue cylindrical bug zapper hanging from a hook. The top half has a blue mesh cage with a glowing blue light, and the bottom half has a solid black base with a glowing white light. The background is a night scene of a wooden deck with outdoor furniture. At the bottom, there are six circular icons, each containing a different insect (mosquito, gnat, Aedes mosquito, fly, moth, wasp) with a blue circle and a diagonal slash over it. Below each icon is the insect's name in bold white text.

Figure 4: The 2-in-1 design allows for both insect zapping and ambient white light illumination.



# 4200V INSECTS TRAP

Powerful, Quite, Safe Bug Zapper for Indoor



Adopts 365NM purple light wavelength + microthermal effect, extremely attracting mosquitoes, flies, and other phototaxis insects, 4200V high voltage grid will kill them off instantly once contacted

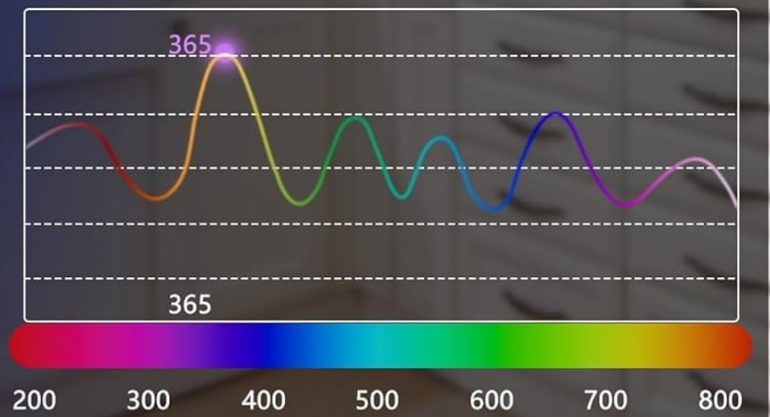


Figure 5: The 365nm purple light effectively attracts insects to the 4200V high-voltage grid.

## MAINTENANCE

Regular maintenance ensures the longevity and effectiveness of your bug zapper.

### Cleaning the Insect Tray:

1. **Unplug the Zapper:** Always disconnect the power cord before cleaning.
2. **Remove the Tray:** Rotate and remove the bottom center tray where dead insects collect.
3. **Clean:** Use the provided cleaning brush to sweep away insects from the tray and the electric grid. You can also rinse the tray with water, ensuring it is completely dry before reattaching.
4. **Reattach:** Securely reattach the cleaned tray to the bottom of the zapper.

### Replacing the UV Bulb:

The 15W UV bulb is replaceable. When the bulb's effectiveness diminishes, follow these steps:

- 1. **Unplug the Zapper:** Ensure the device is unplugged and cool to the touch.
- 2. **Access the Bulb:** Rotate and remove the bottom center to access the bulb. You may need to unscrew a retaining screw.
- 3. **Remove Old Bulb:** Carefully pull out the old UV bulb.
- 4. **Install New Bulb:** Insert the new 15W replacement bulb, ensuring it is properly seated.
- 5. **Reassemble:** Reattach the bottom center and any screws.



Figure 6: Step-by-step guide for cleaning the insect collection tray and replacing the UV bulb.

TROUBLESHOOTING

If you encounter issues with your Endbug Bug Zapper, refer to the following common problems and solutions:

| Problem                              | Possible Cause                                       | Solution                                                                                                           |
|--------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Zapper not turning on.               | No power, loose connection, faulty bulb.             | Check power outlet. Ensure plug is fully inserted. Replace UV bulb if necessary.                                   |
| Reduced effectiveness.               | Dirty grid, old UV bulb, competing light sources.    | Clean the grid and tray. Replace UV bulb. Relocate zapper to a darker area.                                        |
| Zapping sound but no insects caught. | Insects are not reaching the grid, or are too small. | Ensure proper placement away from human activity. The zapper is designed for flying insects attracted to UV light. |
| LED white light not working.         | LED switch is off, or LED component issue.           | Ensure the LED ON/OFF switch on top is in the 'ON' position. If still not working, contact customer support.       |

SPECIFICATIONS

| Feature             | Detail                                |
|---------------------|---------------------------------------|
| Brand               | Endbug                                |
| Model Number        | KN-02                                 |
| Voltage             | 4200V (Grid)                          |
| UV Light Wavelength | 365nm                                 |
| Coverage Area       | Over 1500 sq ft                       |
| Waterproof Rating   | IPX6                                  |
| Material            | Acrylonitrile Butadiene Styrene (ABS) |
| Product Dimensions  | 5.7"L x 5.7"W x 10.6"H                |
| Item Weight         | 0.9 Kilograms (1.98 pounds)           |
| Power Cord Length   | 5ft (1.5m)                            |
| Target Species      | Fly, Gnat, Mosquito, Moth             |

## WARRANTY AND SUPPORT

Endbug products are manufactured to high-quality standards. For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official Endbug website.

For further assistance, you may contact Endbug customer service at [support@endbug.com](mailto:support@endbug.com) or visit their official store page: [Endbug Store](#).