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New Fi bz25

New Fi bz25 Bug Zapper with LED Light User Manual

Model: bz25 | Brand: New Fi

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your New Fi bz25 Bug Zapper. Please read this manual thoroughly before using the product and retain it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of electric shock, fire, or injury, always follow these basic safety precautions.

- **Input Voltage:** This product is designed for 110V AC input only. Do not use with other voltages.
- **Electrical Grid:** The electrical grid operates at up to 4200V. Keep fingers and foreign objects away from the grid. The plastic housing is designed to prevent accidental contact.
- **Water Exposure:** The device is IPX4 waterproof, meaning it is resistant to splashing water. However, do not immerse the product in water.
- **Children and Pets:** Keep out of reach of children and pets to prevent accidental contact with the high-voltage grid.
- **Damaged Unit:** Do not operate the unit if the cord or plug is damaged, or if it has been dropped or damaged in any manner. Contact customer support for assistance.
- **Cleaning:** Always unplug the unit before cleaning.
- **Repairs:** Do not attempt to repair or modify the unit yourself. Refer all servicing to qualified personnel.
- **Placement:** Do not place near flammable materials or in areas with explosive gases or dust.

3. PRODUCT FEATURES

The New Fi bz25 Bug Zapper is designed for effective insect control using advanced light technology and a high-voltage grid.

- **Two-Tube Two-Color Lighting:** Features a white tube emitting blue-violet light (250-400nm wavelength) to attract mosquitoes, and a black tube emitting ultraviolet light (380-480nm wavelength) to attract flies, moths, and other insects. This dual-spectrum approach enhances attraction for a wider range of flying insects.
- **Effective Physical Elimination:** Insects attracted to the light are eliminated by a 4200V electrical grid upon contact. This method is chemical-free and environmentally friendly.
- **EPA Registered:** The device is EPA registered, ensuring safety for family and pets when used as directed.
- **IPX4 Waterproof Design:** Resistant to harsh weather conditions, making it suitable for outdoor use.
- **Wide Coverage:** Effective defense range up to 2100 sq ft.
- **Convenient Design:** Includes a hanging hook for versatile placement.

TWO-TUBE TWO-COLOR

360 ° releases the 250~480nm light wave preferred by mosquitoes, and there is no dead angle in the whole house

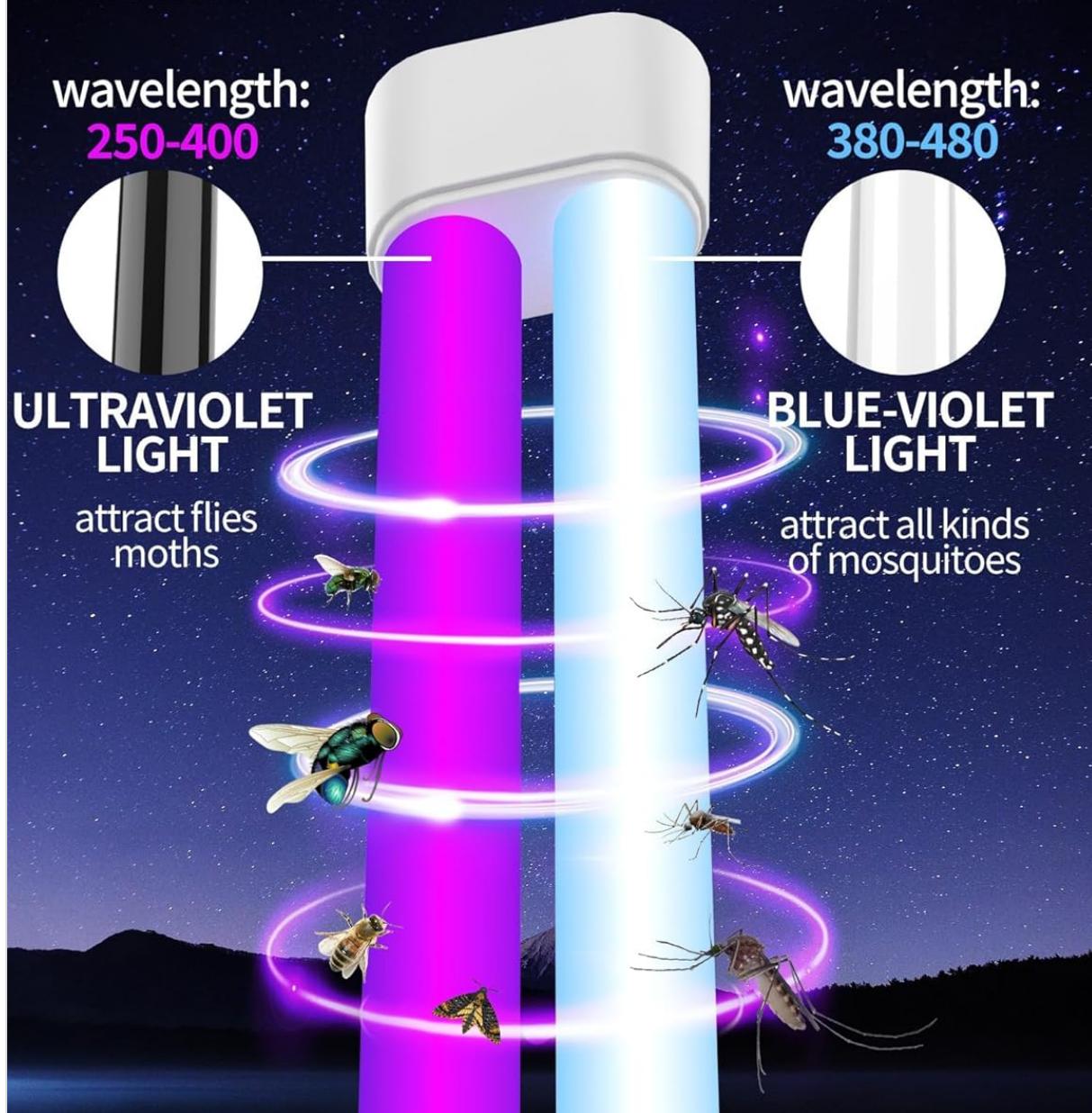


Figure 3.1: Illustration of the two-tube, two-color light system. The white tube emits blue-violet light to attract mosquitoes, while the black tube emits ultraviolet light for flies and moths.

VOLTAGE GRID KILL THE INSECTS INSTANTLY



Mosquitoes



Gnats



Aedes



Flies



Moths



Wasps



Figure 3.2: Depiction of the high-voltage grid instantly eliminating various flying insects upon contact.

4. SETUP AND INSTALLATION

- 1. Unpacking:** Carefully remove the bug zapper from its packaging. Inspect for any damage.
- 2. Placement:**
 - Choose a location where flying insects are prevalent.
 - For optimal performance, place the zapper in a darker environment, especially at night.
 - The integrated hanging hook allows for suspension in various locations such as patios, yards, porches, or gardens. It can also be placed on a flat surface.

- Ensure the unit is placed away from direct human activity to avoid accidental contact with the grid.

3. **Power Connection:** Plug the unit into a standard 110V AC electrical outlet.

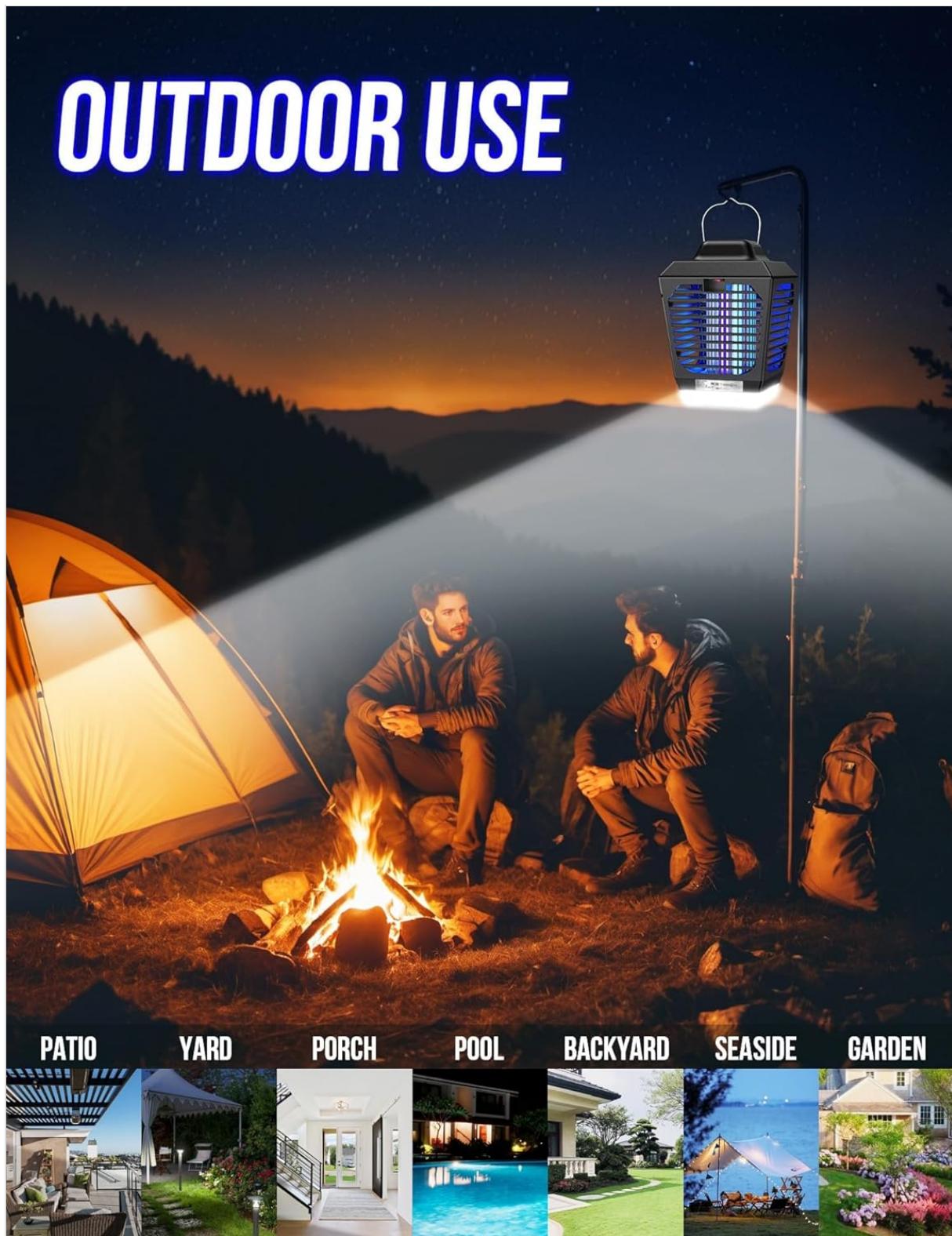


Figure 4.1: Examples of suitable outdoor placement for the bug zapper, including patios, yards, porches, and camping sites.

5. OPERATING INSTRUCTIONS

1. Once plugged in, the bug zapper will automatically activate its light tubes to attract insects.
2. The black lamp emits ultraviolet rays, which may not appear as bright as the blue-violet light. This is

normal operation and does not indicate a malfunction.

3. For best results, operate the product at night and in darker environments where it can be the primary light source attracting insects.
4. To turn off the unit, simply unplug it from the electrical outlet.

6. MAINTENANCE

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

- **Cleaning the Collection Tray:**

- a. Ensure the unit is unplugged from the power source before cleaning.
- b. The bug zapper features a removable tray at the bottom designed to collect dead insects. Gently pull out this tray.
- c. Empty the contents of the tray into a waste bin.
- d. Wipe the tray clean with a damp cloth. Ensure it is completely dry before reinserting.
- e. Reinsert the collection tray securely into the bottom of the unit.

- **Cleaning the Grid:**

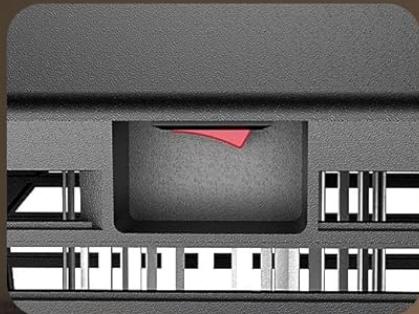
- a. With the unit unplugged, use a small, non-metallic brush (e.g., an old toothbrush) to gently brush away any insect debris from the high-voltage grid.
- b. Do not use water or liquid cleaners directly on the grid.

- **Bulb Replacement:**

- a. If a lamp does not light up, it might be loose. Unplug the unit, open the bottom access panel, and gently re-fix the lamp into its socket.
- b. If a bulb needs replacement, ensure the unit is unplugged. Access the bulb compartment from the bottom. Replace with an 18W bulb of the appropriate type (two-tube, two-color as originally supplied).

SAFE FOR YOUR FAMILY

Less than 0.3 inches intervals to prevent
fingertouching 4000V high voltage grid .



Control The Bottom White Light



Replaceable Bulb (18w)



4000V voltage kills insects



Figure 6.1: Details on accessing the replaceable 18W bulb and controlling the bottom white light.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	Not plugged in; power outlet malfunction; loose lamp.	Ensure the unit is securely plugged into a working 110V AC outlet. Check the circuit breaker. Unplug and re-fix the lamp as described in Section 6.

Problem	Possible Cause	Solution
Black lamp does not appear bright.	Normal operation for UV light.	The black lamp emits ultraviolet rays, which are less visible to the human eye than blue-violet light. This is normal and indicates proper function.
Reduced insect attraction.	Bulbs are old; competing light sources; unit placed incorrectly.	Consider replacing the bulbs if they are old. Ensure the unit is the primary light source attracting insects, especially at night. Relocate to a darker area.
Unit received is defective.	Manufacturing defect or shipping damage.	Contact New Fi customer support immediately for a prompt replacement.

8. SPECIFICATIONS

Feature	Detail
Brand	New Fi
Model Number	bz25
Product Dimensions	7" L x 7" W x 10" H
Item Weight	2.46 Pounds
Input Voltage	110V AC
Electrical Grid Voltage	Up to 4200V
Waterproof Rating	IPX4
Coverage Area	Up to 2100 sq ft
Bulb Type	Two-tube, two-color (18W)
UPC	768781879580

9. WARRANTY AND SUPPORT

New Fi provides a warranty for this product against defects in materials and workmanship under normal use. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or contact New Fi customer support.

If you encounter any issues or have questions regarding your New Fi bz25 Bug Zapper, please contact our customer support team:

- **Website:** [Visit the New Fi Store on Amazon](#)
- **Email/Phone:** Refer to your product packaging or the New Fi website for the most current contact information.

Please have your model number (bz25) and purchase information ready when contacting support.

Related Documents - bz25

	<p><u>NEWFI Bug Zapper User Manual: Effective Insect Control</u></p> <p>Comprehensive user manual for the NEWFI Bug Zapper, detailing its features, usage instructions, safety precautions, troubleshooting tips, and technical specifications for efficient insect control in various environments.</p>
	<p><u>Stylies Auriga Mosquito Trap Instruction Manual</u></p> <p>Instruction manual for the Stylies Auriga Mosquito Trap, providing guidance on its use and operation in multiple languages.</p>
	<p><u>JAIOT Indoor Security Camera Quick Start Guide Setup, Alexa Integration, Troubleshooting</u></p> <p>Get started with your JAIOT indoor security camera. This guide covers setup, app download, Alexa connection, and troubleshooting for your JAIOT camera, including Wi-Fi setup and device pairing.</p>
	<p><u>Swann 2K Indoor Cam Quick Start Guide</u></p> <p>Get started with your Swann 2K Indoor Wi-Fi Security Camera. This guide covers setup, app installation, camera placement, and troubleshooting.</p>
	<p><u>Feit Electric Smart Indoor Camera CAM/PAN/WIFI/G2 Installation and Safety Guide</u></p> <p>Comprehensive guide for the Feit Electric Smart Indoor Camera (CAM/PAN/WIFI/G2), including safety instructions, pre-assembly, installation, app setup, and troubleshooting. Learn how to set up and use your Wi-Fi camera.</p>
	<p><u>Nexxt Solutions Smart Wi-Fi 2K Indoor Camera NHC-1710 User Guide</u></p> <p>User guide for the Nexxt Solutions Smart Wi-Fi 2K Indoor Camera (Model NHC-1710). Learn about product features, setup, app installation, network connection, camera settings, motion detection, storage options, and device sharing.</p>