BN-LINK BNE-60/U167

BN-LINK Digital Timer Outlet User Manual

Model: BNE-60/U167 | Brand: BN-LINK

Product Overview

The BN-LINK Digital Timer Outlet is a versatile and heavy-duty programmable timer designed for indoor use. It features a clear digital display and flexible buttons, allowing users to easily set up to 8 on/off schedules. This 3-prong grounded timer is ideal for managing power to various appliances, helping to save energy and enhance home security.



Front view of the BN-LINK Digital Timer Outlet, showing the digital display and control buttons.

Key Features:

- **Versatile & Customizable:** Program up to 8 on/off schedules with settings as short as one minute.
- **Adjustable & Convenient:** Customize schedules for individual days or use pre-set day combinations. Includes daylight saving time mode.
- **Energy & Money Saving:** Efficiently manages power usage for appliances, reducing electricity costs.
- **Home Security:** "Random" Vacation mode randomizes programmed lights to simulate occupancy when away.
- **Safe & Reliable:** Rigorously quality-controlled with a rating of 125V, 60 Hz, 15A/1875W Resistive, 10A/1250W Tungsten, 1/2HP.
- **Dual Outlets:** Features dual plugs, ensuring no loss of wall outlet space when plugged in.
- **Power Backup:** Equipped with an automatic backup to retain settings during power outages.

Setup Instructions

Before first use, ensure the timer is fully charged by plugging it into a live outlet for at least 30 minutes. The internal battery will retain settings during power interruptions.

Setting Current Time and Day:

1. Press the **CLOCK** button.
2. Press the **WEEK** button repeatedly to select the current day of the week.
3. Press the **HOUR** button repeatedly to set the current hour. Pay attention to AM/PM indicator.
4. Press the **MIN** button repeatedly to set the current minute.
5. To enable Daylight Saving Time (DST), press **HOUR** and **MIN** buttons simultaneously. The display will show "+1h" and the time will advance by one hour. Repeat to disable DST.
6. Press the **CLOCK** button again to exit time setting mode.



The timer features a large screen display and sensitive buttons for easy setup and operation.

Operating Instructions

Programming On/Off Schedules:

The timer allows for up to 8 distinct ON/OFF programs. Each program consists of an ON time and an OFF time.

1. Press the **PROG** button once. "1 ON" will appear on the display.
2. Press the **WEEK** button repeatedly to select the desired day(s) for Program 1 ON. Options include individual days, weekdays, weekends, or all 7 days.
3. Press the **HOUR** and **MIN** buttons to set the ON time for Program 1.
4. Press the **PROG** button again. "1 OFF" will appear on the display.
5. Repeat steps 2 and 3 to set the OFF time for Program 1.
6. Continue pressing **PROG** and repeating steps 2-5 to set additional programs (2 ON/OFF through 8 ON/OFF).
7. After setting all desired programs, press the **CLOCK** button to return to the current time display.



The display clearly shows options for 7-day programming and up to 8 distinct ON/OFF programs.

Operating Modes (ON/AUTO/OFF):

The timer has three operating modes, controlled by the **ON/AUTO/OFF** button. The current mode is indicated on the display.

- **ON Mode:** The connected appliance will remain continuously ON, overriding all programmed schedules.
- **OFF Mode:** The connected appliance will remain continuously OFF, overriding all programmed schedules.
- **AUTO Mode:** The timer will operate according to the programmed ON/OFF schedules. This is the mode required for the timer functions to work.

Ensure the timer is set to **AUTO** mode for your programmed schedules to function correctly.

Random Mode (Vacation Security):

To activate the "Random" Vacation mode, press the **R** button. This mode will randomize your programmed lights, making your home appear occupied even when you are away, enhancing security.



The timer can be used in various home settings, offering features like Week & Hour programming, Manual & Auto modes, Random Mode, Vacation Security, 7 Day heavy duty operation, and Daylight Saving Time.

Maintenance

The BN-LINK Digital Timer Outlet requires minimal maintenance. Follow these guidelines to ensure its longevity and proper function:

- **Cleaning:** Wipe the timer with a dry, soft cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Storage:** When not in use for extended periods, store the timer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery:** The internal battery is designed for long-term use and retains settings during power outages. No user maintenance is required for the internal battery.

Troubleshooting

Problem	Possible Cause	Solution
Timer not turning ON/OFF at programmed times.	Timer is not in AUTO mode.	Press the **ON/AUTO/OFF** button until "AUTO" is displayed.
Display is blank or dim.	Internal battery is low or unit is not receiving power.	Plug the timer into a live outlet for at least 30 minutes to charge the internal battery. Check the power source.
Incorrect time or day displayed.	Time/day was not set correctly or power interruption occurred before battery charge.	Re-set the current time and day following the "Setting Current Time and Day" instructions. Ensure the unit is charged.
Programs are not saving.	Programs were not confirmed by pressing the CLOCK button, or internal battery is too low.	Ensure you press the **CLOCK** button after setting programs. Charge the unit for 30 minutes.

If issues persist, please refer to the official user guide or contact BN-LINK customer support.

Specifications

- **Model Number:** BNE-60/U167
- **Operation Mode:** ON-OFF-ON
- **Current Rating:** 15 Amps
- **Operating Voltage:** 125 Volts
- **Contact Type:** Normally Open
- **Connector Type:** Plug In
- **Switch Type:** Electronic Timer
- **Product Dimensions (L x W x H):** 5 x 3 x 1 inches
- **Item Weight:** 5.8 ounces
- **Number of Positions:** 3
- **Control Method:** Touch
- **Color:** White
- **Unit Count:** 1.0 Count
- **Manufacturer:** BN-LINK
- **UPC:** 810079580637

- **Batteries:** 1 Unknown batteries required (included)
- **First Available Date:** November 24, 2021



Detailed dimensions of the BN-LINK Digital Timer Outlet.



Examples of programmed times for common household appliances like a coffee maker and toaster.



The timer is ideal for a wide range of applications including lighting, cooling/heating systems, indoor sprinklers, humidifiers, aquariums, nebulizers, and ventilators.

Safety Information

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Indoor Use Only:** This timer is designed for indoor use in dry locations. Do not expose to water or moisture.
- **Electrical Rating:** Do not exceed the electrical ratings of 125V, 15A, 1875W. Overloading the timer can cause overheating and fire.
- **Grounding:** This is a 3-prong grounded device. Always plug it into a properly grounded 3-prong outlet.
- **Heaters and High-Wattage Appliances:** Exercise extreme caution when using with space heaters or other high-wattage appliances.
    - Never plug the timer into an extension strip or surge protector if used with a heater.
    - Ensure any extension cord used is rated for at least the wattage of the connected appliance.

- Periodically inspect the appliance's plug and the timer's outlet for signs of wear or damage. Discontinue use if damage is observed.

- **Children and Pets:** Keep out of reach of children and pets.
- **Disassembly:** Do not attempt to disassemble or modify the timer. There are no user-serviceable parts inside.

Warranty and Support

BN-LINK products are designed for reliability and performance. For detailed warranty information, please refer to the product packaging or the official BN-LINK website.

For further assistance, troubleshooting, or to download the official user guide, please visit the BN-LINK support page or contact customer service.

Official User Guide (PDF): Download Here

Visit the BN-LINK Store: BN-LINK Amazon Store

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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