BN-LINK Digital, 2 pack

BN-LINK 7 Day Outdoor Heavy Duty Digital Programmable Timer User Manual

Model: Digital, 2 pack
Brand: BN-LINK

1. Introduction

This manual provides detailed instructions for the safe and efficient operation of your BN-LINK 7 Day Outdoor Heavy Duty Digital Programmable Timer. This device is designed to automate the control of outdoor electrical appliances, such as Christmas lights, fountain pumps, and patio lighting, offering convenience and energy savings. Please read this manual thoroughly before initial use and retain it for future reference.

1.1 Safety Warnings

- **Risk of Electric Shock:** This timer is designed for outdoor use and is waterproof, but always ensure the protective cover is securely closed when in use outdoors. Do not immerse the unit in water.
- **Grounding:** This device features two grounded outlets. Always connect to a properly grounded 3-prong receptacle.
- **Load Capacity:** Do not exceed the maximum electrical rating of 125V, 60Hz, 15A Max, 1875W Resistive or General Purpose, 8A Tungsten Lamp, 1/2HP, TV-5. Overloading can cause overheating and fire.
- **Compressors:** Note that compressors may affect the rating of your appliance when used with this product. Please ensure the BTU/hr on your appliance is compatible.
- **Installation:** Ensure the timer is installed in a location where it is protected from direct heavy rain or snow, and where the cord is not a tripping hazard.
- **Maintenance:** Do not attempt to open or repair the unit. Refer all servicing to qualified personnel.

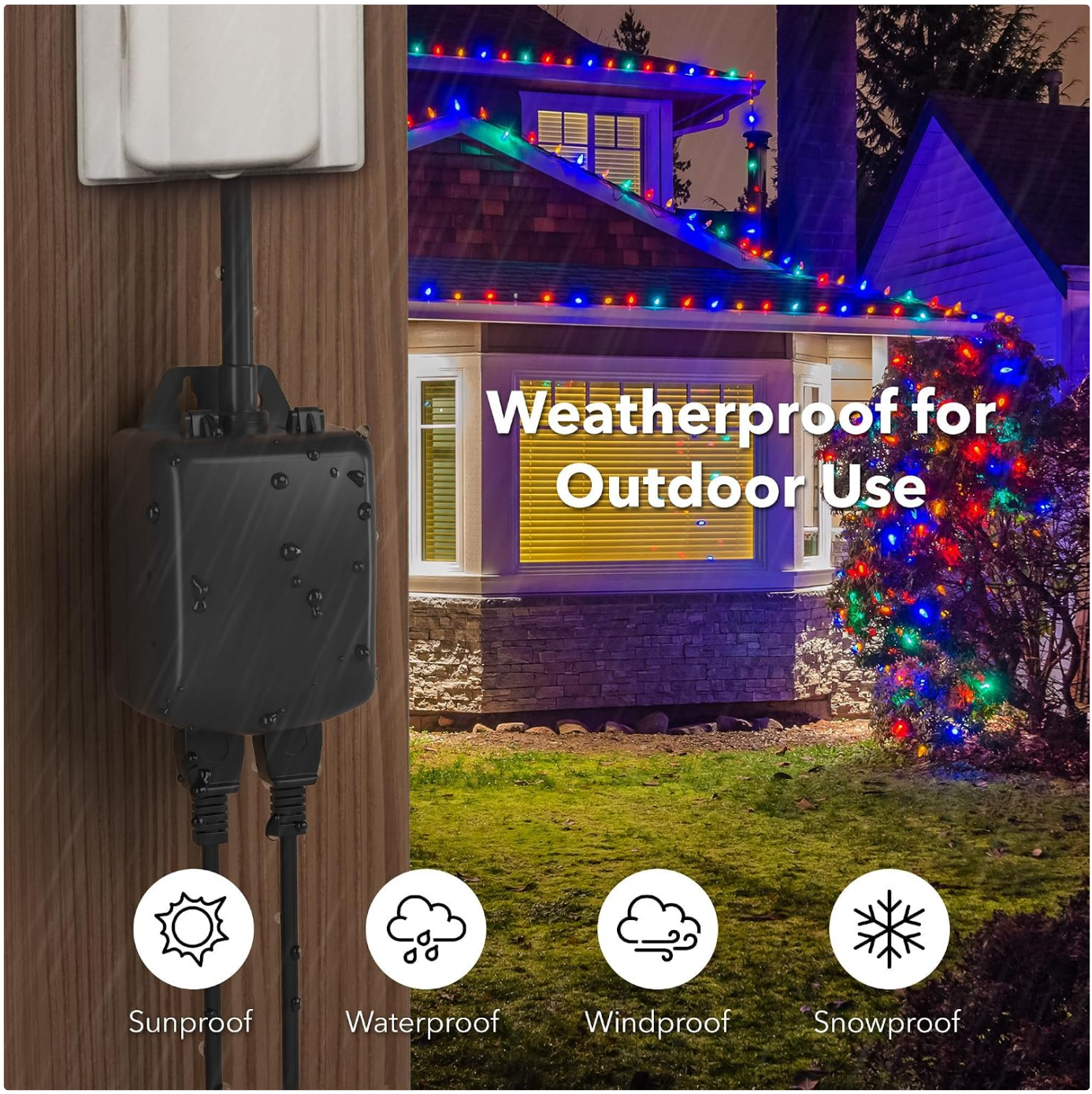


Image Description: An outdoor scene featuring a house decorated with Christmas lights and a BN-LINK outdoor timer mounted on a wall. Icons below the timer indicate its weatherproof capabilities: Sunproof, Waterproof, Windproof, and Snowproof. This illustrates the timer's durability in various outdoor conditions.

2. Product Overview

The BN-LINK Digital Programmable Timer is designed for ease of use and robust performance in outdoor environments. It features a digital display for precise programming and two grounded outlets for simultaneous control of multiple devices.

2.1 Key Features

- **Versatile & Customizable:** Up to 8 on/off programs can be set for the two grounded outlets. Settings can be as short as one minute.
- **7-Day Programmable:** Offers flexible scheduling options including individual days, weekdays, weekends, or specific combinations.
- **Weatherproof Design:** Equipped with a protective cover to shield against various weather conditions, ensuring safe and durable outdoor use.

- **Vacation Mode:** A "Random" mode can be activated to randomize programmed lights, enhancing home security when you are away.
- **Energy Saving:** Helps reduce electricity costs by automating the operation of connected devices.
- **ETL Listed:** Certified for safety and quality standards.



Image Description: An outdoor evening scene showing people gathered around a table with string lights overhead, powered by the BN-LINK outdoor timer. The image highlights the timer's "2 in 1 Outdoor Timer" capability, controlling two outlets simultaneously. Icons illustrate its features: 2 Ground Outlets, Auto/Manual operation, 8 ON/OFF programs, and ETL Certified status.



Image Description: A collage showcasing various applications for the BN-LINK outdoor timer, including a balcony with string lights, a sprinkler system, a fountain, Christmas tree lights, a pool pump, garden lights, and outdoor string lights. This demonstrates the timer's versatility for different outdoor electrical needs.

3. Setup

3.1 Initial Setup and Time Setting

1. **Charge Battery:** Before first use, plug the timer into a live outlet for at least 30 minutes to charge the internal battery. This battery retains your settings during power outages.
2. **Clear All Settings:** Press the **R** (Reset) button with a pointed object (e.g., a pen tip) to clear all previous settings and reset the timer. The display will show "0:00 AM".
3. **Set Current Time:**
    - Press the **CLOCK** button.
    - While holding **CLOCK**, press **WEEK** to select the current day of the week.
    - While holding **CLOCK**, press **HOUR** to set the current hour (AM/PM will adjust automatically).

- While holding **CLOCK**, press **MINUTE** to set the current minute.
- Release **CLOCK**. The current time is now set.

4. **Daylight Saving Time (DST):** Press the **DST** button to toggle Daylight Saving Time. The display will show "+1h" when DST is active.



Image Description: A pair of BN-LINK 7 Day Outdoor Heavy Duty Digital Programmable Timers. Each timer is black, features a digital display, control buttons, and two grounded outlets. The protective covers are open, revealing the display and controls. This image provides a clear view of the product's physical appearance and dual outlet design.

4. Operating Instructions

4.1 Programming On/Off Times

The timer allows for up to 8 distinct ON/OFF programs. Follow these steps to set your desired schedules:

1. Press the **PROG** button once. The display will show "1 ON".
2. Press **WEEK** to select the day(s) for this program. Options include: MO, TU, WE, TH, FR, SA, SU, MO TU WE TH

FR SA SU (all days), MO TU WE TH FR (weekdays), SA SU (weekend), MO TU WE TH FR SA, MO WE FR, TU TH SA, MO TU WE, TH FR SA, and SU.

3. Press **HOUR** to set the desired ON hour.
4. Press **MINUTE** to set the desired ON minute.
5. Press **PROG** again. The display will show "1 OFF".
6. Repeat steps 2-4 to set the desired OFF day(s), hour, and minute for program 1.
7. Continue pressing **PROG** to cycle through programs 2 ON, 2 OFF, up to 8 ON, 8 OFF. Set each program as needed.
8. After setting all desired programs, press the **CLOCK** button to return to the current time display.

4.2 Operating Modes

Press the **ON/AUTO/OFF** button to cycle through the operating modes:

- **ON:** The timer's outlets are continuously ON, overriding all programmed settings.
- **AUTO:** The timer operates according to your programmed ON/OFF schedules. This is the standard operating mode.
- **OFF:** The timer's outlets are continuously OFF, overriding all programmed settings.

4.3 Random (Vacation) Mode

To activate the "Random" vacation mode, press the **RND** button. When active, the timer will randomly turn your programmed lights ON and OFF within a 30-minute window of your set times, making your home appear occupied. Press **RND** again to deactivate.



Image Description: A detailed view of the BN-LINK outdoor timer's digital display and control buttons. The image highlights the "Multifunctional Outlet Timer" capabilities, showing how to set 8 ON/OFF programs and utilize the 7-Day Programmable features for various daily, weekly, or specific day schedules. It also points out the 3-Prong Timer with dual outlets for outdoor use.



Image Description: This image, titled "Just Set & Go," demonstrates the BN-LINK outdoor timer's ability to automate outdoor electrical devices for energy and cost savings. It shows the timer controlling string lights over a tent and a fountain in a patio setting, with examples of ON and OFF times displayed on the timer's screen, illustrating its practical application.



Image Description: An image illustrating the "Vacation Mode" feature of the BN-LINK outdoor timer. A family is shown leaving their home with luggage, while an inset image shows the timer. The text explains that the random function can increase home security by making it appear lived-in even when residents are away.

5. Maintenance

Proper maintenance ensures the longevity and reliable operation of your BN-LINK Outdoor Digital Programmable Timer.

- **Cleaning:** Disconnect the timer from the power source before cleaning. Wipe the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use for extended periods, store the timer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the power cord and the timer housing for any signs of damage, such as cracks, fraying, or discoloration. If damage is found, discontinue use and replace the unit.
- **Protective Cover:** Always ensure the protective cover over the display and buttons is securely closed when the timer is exposed to outdoor elements to maintain its waterproof rating.

6. Troubleshooting

If you encounter issues with your BN-LINK timer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Timer does not turn ON/OFF at programmed times.	Incorrect operating mode (not in AUTO). Programs not set correctly or conflicting. Daylight Saving Time (DST) setting incorrect.	Ensure the timer is in **AUTO** mode. Review and re-enter all ON/OFF programs carefully. Ensure ON and OFF times do not overlap unexpectedly. Check the **DST** setting.
Display is blank or dim.	Internal battery is low or depleted. No power to the outlet.	Plug the timer into a live outlet for at least 30 minutes to charge the battery. Check the power outlet with another device to ensure it is functional.
Connected device does not turn ON.	Device is not plugged in correctly. Device is faulty. Timer is in OFF mode.	Ensure the device is securely plugged into the timer's outlet. Test the device by plugging it directly into a wall outlet. Switch the timer to **ON** or **AUTO** mode.
Random mode not working.	Random mode not activated. No programs set.	Press the **RND** button to activate. Ensure at least one ON/OFF program is set for the timer to randomize.

7. Specifications

Attribute	Value
Model	Digital, 2 pack
Rate Voltage	125V, 60Hz
Max Current Rating	15 Amps
Max Power Rating	1875W Resistive or General Purpose
Tungsten Lamp Rating	8A
Motor Rating	1/2HP
TV Rating	TV-5
Outlets	2 Grounded Electrical Outlets
Programming	8 ON/OFF Programs, 7-Day Programmable
Certifications	ETL Listed

Attribute	Value
Dimensions	2.25 x 3 x 11.5 inches
Weight	1.17 Pounds
Material	Plastic

8. Warranty and Support

BN-LINK products are manufactured to high-quality standards. For warranty information or technical support, please contact BN-LINK customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims. You can typically find contact information on the manufacturer's official website or through the retailer where the product was purchased.

For more information, visit the BN-LINK Store on Amazon.

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