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## BN-LINK Dial -1 Outlet, 2 pack

# BN-LINK 24-Hour Mechanical Outdoor Light Timer User Manual

Model: Dial -1 Outlet, 2 pack
Brand: BN-LINK

### Introduction

Thank you for choosing the BN-LINK 24-Hour Mechanical Outdoor Light Timer. This heavy-duty, waterproof plug timer is designed to simplify the control of your outdoor lighting and decorations, offering convenience and energy savings. With its robust construction and user-friendly mechanical dial, you can easily automate your string lights, Halloween decor, yard lights, and more. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your timer.




Image: Two BN-LINK 24-Hour Mechanical Outdoor Light Timers, showcasing their compact design and flexible cords.

## Important 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.

- Do not immerse the timer in water.
- Ensure the timer is mounted vertically at least 2 feet above ground for proper waterproofing.
- Do not exceed the electrical ratings of 125 Volts, 15A, 1875W Resistive, 1/2HP.
- Always plug the timer into a grounded outlet.
- Keep children away from the timer and connected devices.
- Unplug the timer from the power source before cleaning or performing any maintenance.

## Product Overview

The BN-LINK 24-Hour Mechanical Outdoor Light Timer is designed for durability and ease of use in outdoor environments. It features a robust, waterproof design that withstands various weather conditions.

### Key Features:

- **Daily Repeat Outdoor Timers:** Offers up to 48 setting options with 30-minute intervals.
- **Exceptional Weather Resistance:** Withstands dust, sun, rain, and snow.
- **User-friendly Operation:** Simple pin-based programming for ON/OFF times.
- **Heavy Duty:** Rated at 125 Volts, 15A, 1875W Resistive, 1/2HP.
- **Grounded Outlet:** Features 1 grounded outlet with a 6-inch heavy-duty dual cord.
- **Manual/Auto Mode:** A sliding switch allows toggling between auto mode and always-on modes.




Image: Features of the BN-LINK 24H Outdoor Mechanical Timer, highlighting its single grounded outlet, 30-minute intervals, and daily repeat functionality.




Image: Close-up of the timer showing the manual override switch for 'ALWAYS ON' and 'TIMER MODE' settings.

## Setup Instructions

1. **Unpack the Timer:** Carefully remove the timer from its packaging.
2. **Choose a Location:** Select a suitable outdoor location for the timer. For optimal waterproofing and performance, mount the timer vertically at least 2 feet above the ground.
3. **Mounting (Optional):** The timer features mounting holes on the back. If desired, use appropriate screws (not included) to secure the timer to a wall or post, preventing it from dangling.
4. **Set Current Time:** Rotate the dial clockwise until the current time aligns with the arrow indicator at the top of the dial.
5. **Program ON/OFF Times:**

- **For ON times:** Push the pins on the dial **down** for the desired duration. Each pin represents a 30-minute interval.
- **For OFF times:** Leave the pins **up** for the desired duration.

6. **Select Mode:** Use the sliding switch on the side to select either 'AUTO' (timer mode) or 'ON' (always-on mode). For timed operation, ensure it is set to 'AUTO'.
7. **Plug In:** Plug the timer into a grounded outdoor electrical outlet.
8. **Connect Devices:** Plug your outdoor lights or appliances into the grounded outlet(s) on the bottom of the timer.




Image: Visual guide on programming the timer: pins pushed down for ON, pins left up for OFF.




Image: The timer's flexible cord and straight AC plug design, illustrating how it saves socket space when plugged into a wall outlet.

## Operating Instructions

Once set up, the BN-LINK Mechanical Outdoor Timer operates automatically based on your programmed settings. The dial continuously rotates, activating and deactivating connected devices according to the pins you have pushed down.

### Understanding the Modes:

- **AUTO Mode (Timer Operation):** When the side switch is set to 'AUTO', the timer will automatically turn connected devices ON and OFF at the times you have programmed by pushing the pins down. The dial will rotate continuously, completing a full 24-hour cycle.
- **ON Mode (Always On):** When the side switch is set to 'ON', the timer will bypass the programmed settings and keep the connected devices continuously powered ON. This is useful for temporary manual control.

### Tips for Use:

- Ensure the current time on the dial is accurately set to maintain precise ON/OFF cycles.
- The timer offers up to 48 setting options per day, allowing for flexible scheduling in 30-minute increments.
- Regularly check the timer's position and connections, especially after severe weather, to ensure continued proper function.




Image: Examples of the timer's application, including controlling string lights, yard lights, and sprinklers, demonstrating its versatility for various outdoor needs.

## Maintenance

To ensure the longevity and reliable operation of your BN-LINK Outdoor Light Timer, follow these simple maintenance guidelines:

- **Cleaning:** Periodically wipe the exterior of the timer with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the timer is unplugged before cleaning.
- **Inspection:** Regularly inspect the timer, its cord, and the plug for any signs of damage, wear, or corrosion. If any damage is found, discontinue use and replace the unit.
- **Environmental Protection:** While designed to be waterproof, avoid placing the timer in areas where it might be submerged or exposed to direct, prolonged water jets. Ensure the protective cover over the dial is always securely closed when not adjusting settings.




Image: The timer's robust weatherproof capabilities, indicating its resistance to sun, water, wind, and snow, ensuring durability in outdoor conditions.

## Troubleshooting

If you encounter issues with your BN-LINK Outdoor Light Timer, please refer to the following common problems and

solutions:

- **Timer Not Turning ON/OFF:**
  - Check if the timer is securely plugged into a working grounded outlet.
  - Ensure the side switch is set to 'AUTO' for timed operation.
  - Verify that the pins for the desired ON/OFF times are correctly pushed down (for ON) or left up (for OFF).
  - Confirm the current time on the dial is accurately set.
- **Connected Device Not Receiving Power:**
  - Check if the connected device is properly plugged into the timer's outlet.
  - Test the connected device by plugging it directly into a wall outlet to ensure it is functional.
  - Ensure the total wattage of connected devices does not exceed the timer's maximum rating (1875W).
- **Timer Dial Not Rotating:**
  - Ensure the timer is plugged into a live outlet. The mechanical timer requires power to operate the internal clock.
  - If the dial is stuck, gently try to rotate it manually to free any obstruction. If it remains stuck, the unit may be faulty.

If these steps do not resolve the issue, please contact BN-LINK customer service for further assistance.

## Specifications

| Attribute | Value |
|---|---|
| Operation Mode | Mechanical |
| Current Rating | 15 Amps |
| Operating Voltage | 125 Volts (AC) |
| Max Wattage | 1875W Resistive |
| Horsepower | 1/2 HP |
| Connector Type | Plug In (1 Grounded Outlet) |
| Cord Length | 6-inch heavy-duty dual cord |
| Color | Black |
| Unit Count | 2.0 Count |
| Product Dimensions | 4 x 3 x 20 inches |
| Weight | 15.87 ounces |
| UPC | 810079580538 |




Image: Detailed view of the timer with its dimensions and electrical specifications, including voltage, amperage, and wattage ratings.

## Warranty and Support

BN-LINK is committed to providing high-quality products and excellent customer service.

### Warranty:

This product comes with lifetime tech support. For specific warranty details, please refer to the product packaging or contact customer service.

### Customer Support:

Enjoy dependable USA customer service, available anytime to assist you with any questions or issues regarding your BN-LINK 24-Hour Mechanical Outdoor Light Timer.
For additional support, you may also refer to the official User Guide (PDF) available online: BN-LINK User Guide

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