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BN-LINK BND-60/U58

BN-LINK 24 Hour Heavy Duty Mechanical Timer User Manual

Model: BND-60/U58

Introduction

Thank you for choosing the BN-LINK 24 Hour Heavy Duty Mechanical Timer. This timer is designed to provide reliable and convenient control over your outdoor electrical devices, such as Christmas lights, fountain pumps, and other holiday decorations. With its robust construction and easy-to-use mechanical dial, it offers a simple solution for automating your power needs. Please read this manual carefully before operation to ensure safe and optimal performance.

Safety Information

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

- Do not immerse the timer in water.
- Ensure the total connected load does not exceed 15A, 1875W, or 1/2HP. Overloading can cause damage or fire.
- Install the timer vertically at least 2 feet above the ground for best waterproof performance.
- Do not connect any device that exceeds the timer's maximum rating.
- Always ensure the timer is securely plugged into a grounded outlet.
- Keep children away from the timer and connected devices.
- Do not disassemble or modify the timer. Refer all servicing to qualified personnel.

Product Overview

The BN-LINK Mechanical Timer features a durable, weatherproof design suitable for outdoor use. It includes a mechanical dial for setting schedules and two grounded outlets for connecting devices.



Front view of the BN-LINK mechanical timer with its protective cover open, revealing the central timing dial and the two grounded outlets at the bottom. The power cord with a three-prong plug is visible on the left.



Detailed view of the timer's dial, highlighting its 15-minute interval pins for precise scheduling. A comparison image shows an "Original Timer" with 30-minute intervals, emphasizing the improved granularity of this BN-LINK model.

Setup

1. **Unpack the Timer:**
   Carefully remove the timer from its packaging. Inspect for any signs of damage.
2. **Choose a Location:**
   Select a suitable outdoor location for the timer. For optimal weather protection, install the timer vertically at least 2 feet (60 cm) above the ground. Ensure the location is accessible for programming and connecting devices.



The BN-LINK outdoor timer mounted vertically on a wooden wall, showcasing its weatherproof casing and how it blends into an outdoor setting with festive lights in the background. Text indicates it is "Weatherproof for Outdoor Use" and highlights sunproof, waterproof, windproof, and snowproof features.

3. **Mounting (Optional):**
   The timer features a wall-mount hole for easy outdoor installation. Use an appropriate screw (not included) to secure the timer to a wall or sturdy surface.



A close-up image showing the wall-mount hole on the back of the timer, with a screw inserted, illustrating how it can be easily mounted for outdoor use.

4. **Plug In the Timer:**
   Plug the timer's cord into a grounded 125V AC outlet. The flexible cord allows for convenient placement without blocking adjacent outlets.



An image demonstrating the timer's flexible cord, which

allows it to be plugged into a wall outlet without obstructing other sockets, saving space.

Operating Instructions

Setting the Current Time

1. Rotate the entire dial clockwise until the current time aligns with the arrow indicator on the top of the timer. The dial is marked with hours (1-24) and 15-minute intervals.

Programming ON/OFF Times

The timer allows for up to 48 ON/OFF settings within a 24-hour period, with each pin representing 15 minutes.

1. **Set ON Times:**
   Push the black pins on the dial **DOWN** for the periods you want the connected device to be **ON**. Each pushed-down pin corresponds to 15 minutes of ON time.
2. **Set OFF Times:**
   Leave the black pins **UP** for the periods you want the connected device to be **OFF**.



An illustration demonstrating how to program the timer: pushing the black pins down activates the timer (ON), and leaving them up deactivates it (OFF). The image also shows the timer with two devices plugged into its outlets.



A visual guide on programming the timer, showing the steps: "Set the current time," "Pins down/on," and "Pins up/off." It clearly illustrates the rotation of the dial and the function of

the pins.

Manual Override Switch

The timer features a manual override switch located on the side of the unit. This switch allows you to bypass the programmed settings.

- **Timer Mode:**
  When the switch is set to the timer icon (clock symbol), the timer will operate according to your programmed ON/OFF settings.
- **Manual Mode (ALWAYS ON):**
  When the switch is set to the "ON" position, the connected devices will remain continuously ON, overriding any programmed settings.



An image illustrating the manual override switch on the side of the timer. It shows two modes: "Manual Mode" (ALWAYS ON), which interrupts preset commands, and "Timer Mode," allowing up to 48 ON/OFF commands per day.

Maintenance

- Keep the timer clean and free from debris. Use a soft, damp cloth to wipe the exterior. Do not use harsh chemicals or abrasive cleaners.
- Regularly check the power cord and plug for any signs of damage. If damaged, discontinue use and contact customer support.
- Ensure the protective cover is securely closed when the timer is not being accessed to maintain its weatherproof integrity.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Timer does not turn ON/OFF at set times.	• Current time not set correctly. • Pins not pushed down/up correctly. • Manual override switch is in "ON" position. • Timer not receiving power.	• Rotate the dial to align the current time with the arrow indicator. • Ensure pins are correctly pushed down for ON times and up for OFF times. • Set the manual override switch to the timer icon (clock symbol). • Check the wall outlet and ensure the timer is securely plugged in.
Connected device does not turn ON.	• Device is not plugged in correctly. • Device is faulty. • Timer is not supplying power.	• Ensure the device is fully plugged into the timer's outlet. • Test the device by plugging it directly into a working wall outlet. • Verify the timer is set to an "ON" period or "Manual Mode (ALWAYS ON)".
Timer is making unusual noises.	Internal mechanical issue.	Discontinue use immediately and contact customer support. Do not attempt to repair.

Specifications

Model Number: BND-60/U58
Voltage: 125 Volts
Current Rating: 15 Amps
Power/Wattage: 1875 Watts Resistive
Horsepower: 1/2 HP
Intervals: 15 Minutes (48 ON/OFF options per 24 hours)
Outlets: 2 Grounded Outlets
Material: Polypropylene
Special Features: Waterproof, Sunproof, Windproof, Snowproof
Certifications: ETL Listed
Product Dimensions: 7.62 x 5.72 x 29.21 cm
Item Weight: 290 g



A diagram illustrating the physical dimensions of the timer (3.5in/9cm length, 3.5in/9cm height, 2.2in/5.5cm depth, 3in/7.7cm width) and its electrical specifications: 125VAC, 1/2HP, 1875W, 15A Max. It also shows the ETL Listed certification mark.

Warranty and Support

BN-LINK stands behind the quality of its products. This timer comes with:

- **1 Year of Coverage:** For manufacturing defects and malfunctions under normal use.
- **Lifetime Technical Support:** Our dedicated USA customer service team is available to assist you with any questions or issues you may encounter.

For assistance, please reach out to BN-LINK customer service. Contact information can typically be found on the product packaging or the official BN-LINK website.

Applications

This versatile outdoor timer is ideal for a variety of applications, including:

- Christmas Lights and Holiday Decorations
- Yard and Patio Lights
- Fountain Timers
- Pool Pumps (within specified HP limits)
- Sprinklers
- Other outdoor electrical devices requiring scheduled operation.



A collage showcasing various applications for the BN-LINK outdoor timer, including controlling sprinklers, fountains, Christmas tree lights, pool pumps, garden lights, and outdoor string lights.

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