BN-LINK BND-60/U57R

BN-LINK Outdoor Light Timer with Remote User Manual

Model: BND-60/U57R

Introduction

Thank you for choosing the BN-LINK Outdoor Light Timer with Remote. This manual provides detailed instructions for the safe and efficient operation of your new timer. Designed for outdoor use, this waterproof timer offers convenient control over your lighting, featuring multiple operating modes and a remote control for ease of use. Please read this manual thoroughly before installation and operation, and keep it for future reference.



The BN-LINK Outdoor Light Timer with its remote control.

Important Safety Information

To ensure safe operation, please adhere to the following guidelines:

- This timer is ETL listed and conforms to UL Std No. 60730-1, 60730-2-1.
- Rated 125V, 60Hz, 1875W, 15A Resistive & General Purpose 5A Tungsten. Do not exceed these electrical ratings.
- For outdoor use, ensure the timer is mounted in a vertical position with the receptacles facing downward, at least 2 feet (0.6 meters) above the ground, to prevent water ingress.
- Keep the photocell sensor clean and unobstructed for accurate dusk/dawn detection.
- Do not immerse the timer in water or expose it to direct water jets.

- Operating temperature range: 14°F to 122°F (-10°C to 50°C).

Product Features

- **Raintight & Weatherproof Outdoor Control:** Smart photocell senses dusk/darkness and automatically turns lights on/off.
- **Easy-to-Use & Convenient:** Choose from dusk-dawn, 2h, 4h, 6h, or 8h after dusk settings.
- **2 Grounded Outlets with Remote Control:** Features a 6-inch cord and two grounded outlets. Remote signals can travel through walls up to 100 ft thick.
- **Save Money & Save Energy:** Automatic, repeating settings eliminate the need to manually turn lights on/off.
- **Safe & Reliable:** ETL listed and rigorously tested for quality control and safety.



The timer offers 7 distinct functions for versatile control.

Package Contents

- BN-LINK Outdoor Light Timer Unit
- Remote Control (with 1 x 12V battery included)
- User Manual (this document)

Setup

Initial Setup

1. **Mounting:** Plug the timer into a grounded outdoor outlet. Ensure it is mounted vertically with the outlets facing downwards and at least 2 feet above the ground.
2. **Connect Devices:** Plug your outdoor lights or other devices into the two grounded outlets on the timer.
3. **Remote Battery:** The remote control comes with a 12V battery. Ensure it is properly inserted.



For outdoor use, ensure the timer is mounted vertically at least 2 feet above the ground.

Operating Modes

The timer features a rotary dial to select different operating modes:



Visual representation of the timer's operating modes.

1. ON Mode

Turn the dial to **ON**. In this mode, the connected devices will remain continuously powered, regardless of light conditions. This mode responds immediately after setting.

2. OFF Mode

Turn the dial to **OFF**. In this mode, the connected devices will remain continuously unpowered. This mode responds immediately after setting.

3. Photocell Control (Dusk-Dawn) Mode

Turn the dial to **Photocell Control**. The timer's smart photocell sensor will detect darkness (dusk) and automatically turn on the connected lights. The lights will remain on until the sensor detects light again (dawn), at which point they will turn off. Allow approximately 40 seconds for the light sensor to take effect when changing to this mode. Ensure the light sensor faces sunlight and avoid direct artificial light sources.

4. Photocell Countdown Mode (2H, 4H, 6H, 8H)

Turn the dial to your desired countdown duration:**2H, 4H, 6H, or 8H**. In these modes, the timer's photocell sensor will turn on the connected lights at dusk. The lights will then remain on for the selected duration (2, 4, 6, or 8 hours) and automatically turn off after the countdown. Allow approximately 40 seconds for the light sensor to take effect when changing to this mode. If the sensor is exposed to other light sources for 40 seconds during the countdown, the timer will stop; upon returning to a dark state, the countdown will restart from the beginning.

Remote Control Operation

The included remote control provides convenient manual override for the timer's functions, especially useful for turning lights on or off without physically accessing the timer unit.



The remote control allows for convenient manual operation.

- **ON Button:** Press the **ON** button to manually turn on the connected devices.
- **OFF Button:** Press the **OFF** button to manually turn off the connected devices.
- **Range:** The remote signals can travel through walls up to 100 feet (30 meters) thick, offering flexibility in control location.

Note: Manual ON/OFF operations via the remote control will override any programmed timer settings until the next scheduled ON/OFF cycle or until the timer is manually reset.

Maintenance

- **Cleaning:** Periodically wipe the timer and photocell sensor with a soft, damp cloth to remove dirt and debris. 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.
- **Battery Replacement:** The remote control uses a 12V battery. If the remote's range or responsiveness decreases, replace the battery.

Troubleshooting

Problem	Possible Cause	Solution
Lights do not turn on at dusk.	Photocell sensor is obstructed or exposed to artificial light. Timer is in OFF mode.	Ensure photocell is clear and facing natural light. Set dial to Photocell Control or a countdown mode.
Lights stay on continuously.	Timer is in ON mode. Photocell sensor is not detecting enough light.	Set dial to a countdown mode or Photocell Control. Check photocell for obstructions or insufficient light.
Remote control not working.	Remote battery is dead or improperly inserted. Out of range.	Replace or reinsert remote battery. Move closer to the timer unit.
Timer not receiving power.	Outlet is not functioning. Timer is unplugged.	Test the outlet with another device. Ensure the timer is securely plugged in.

Technical Specifications

Specification	Value
Model Number	BND-60/U57R

Specification	Value
Operation Mode	ON-OFF-ON (Manual, Photocell Control, Photocell Countdown)
Current Rating	15 Amps
Operating Voltage	125 Volts (AC)
Power Rating	1875W Max
Tungsten Rating	5A Tungsten
Connector Type	Plug In
Product Dimensions	2.74 x 1.8 x 5.34 inches; 9.7 ounces
Lower Temperature Rating	14 Degrees Fahrenheit (-10°C)
Upper Temperature Rating	122 Degrees Fahrenheit (50°C)
Remote Battery	1 x 12V battery (included)

Warranty and Support

BN-LINK products are designed and manufactured to the highest quality standards. For warranty information or technical support, please contact BN-LINK customer service. You can also refer to the official user manual PDF for additional details and support resources.
Official User Manual (PDF): Download Here

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