BN-LINK BND-60/U47

BN-LINK BND-60/U47 Indoor Mini 24-Hour Mechanical Outlet Timer User Manual

Model: BND-60/U47 | Brand: BN-LINK

Introduction

The BN-LINK BND-60/U47 Indoor Mini 24-Hour Mechanical Outlet Timer is designed to automate the operation of various indoor electrical devices. This mechanical timer provides a reliable and straightforward method to control lighting, small appliances, and other electronics, enhancing convenience and potentially contributing to energy efficiency. Its compact design ensures it does not obstruct adjacent outlets.



Figure 1: Two BN-LINK BND-60/U47 Indoor Mini 24-Hour Mechanical Outlet Timers.

Features

- **24-Hour Programming:** Allows for up to 24 on and off settings per day, with settings repeating daily.
- **30-Minute Intervals:** Program devices to turn on/off in increments as small as 30 minutes.
- **Manual Override:** A convenient slide switch allows users to bypass programmed settings for continuous ON or OFF operation.
- **Compact Design:** Mini size designed to fit into standard wall outlets without blocking adjacent plugs.
- **Wide Compatibility:** Compatible with compact fluorescent lighting, LED bulbs, and most small appliances. Supports both 2-prong and 3-prong plugs.
- **Electrical Ratings:** 125-Volt, 60 Hz, 15-Amp, 1875-Watt resistive; 8-Amp, 1000-Watt tungsten; 5 Amp ballast.



Figure 2: Key features of the 24-Hour Mechanical Timer.



Figure 3: Plug compatibility of the BN-LINK timer.



Figure 4: Superior performance and mini plug design.

Setup Instructions

1. **Prepare the Timer:** When new out of the box, all pins will be pressed DOWN (ON position). Pull all black pins UP to the OFF position.
2. **Set Current Time:** Rotate the entire black push-pin dial clockwise until the white arrow aligns with the current time of day. The dial is marked in 24-hour increments (1-12 AM/PM).
3. **Program ON/OFF Times:** Push DOWN the pins corresponding to the desired ON times. Each pin represents a 30-minute interval. Pins UP means the timer is OFF, and pins DOWN means the timer is ON.
4. **Activate Timer Function:** Slide the white switch on the side of the timer to the timer icon position (clock symbol).
5. **Plug into Outlet:** Insert the timer into a standard 3-prong wall outlet.

6. **Connect Device:** Plug your electrical device (e.g., lamp, fan) into the 3-prong socket on the front of the timer. Ensure your device's switch is in the ON position.



Figure 5: Easy to program the timer.

Your browser does not support the video tag.

Video 1: Unboxing and initial setup of the BN-LINK Mechanical Timer, demonstrating how to set the pins and dial.

Operating Instructions

Once programmed and plugged in, the timer will automatically turn your connected device ON and OFF according to your set schedule. The internal clock will continue to rotate, advancing the dial through the 24-hour cycle.

- **Scheduling:** The timer allows for multiple ON/OFF cycles within a 24-hour period. Each pushed-down pin represents 30 minutes of ON time.

- **Manual Override:** To bypass the programmed settings, slide the switch on the side to the "ON" position for continuous power, or to the "OFF" position to keep the device off. When the switch is in the "ON" or "OFF" position, the timer's internal clock will continue to run, but the connected device will remain in the selected state, overriding the programmed schedule.
- **Indicator Light:** A small red indicator light on the timer illuminates when power is being supplied to the connected device.



Figure 6: Design your own schedule for automated control.



Figure 7: Automate your holiday decorations.

Your browser does not support the video tag.

Video 2: Demonstration of setting and using the 24-hour mechanical timer for lighting automation.

Maintenance

- **Cleaning:** Unplug the timer from the outlet before cleaning. Use a dry, soft cloth to wipe the exterior. Do not use liquid cleaners or immerse the timer in water.
- **Power Outages:** As a mechanical timer, it does not have a battery backup. In the event of a power outage, the timer will stop. Once power is restored, you will need to reset the current time on the dial to ensure accurate scheduling.
- **Longevity:** Mechanical timers are generally durable, but prolonged continuous use or exposure to extreme conditions may affect their lifespan.

Your browser does not support the video tag.

Video 3: Review discussing likes and dislikes, including maintenance aspects, of the BN-LINK Mechanical Timer.

Troubleshooting

Problem	Possible Cause	Corrective Action
Appliance does not turn on as programmed.	Timer is not set correctly. Pins are not pushed down for desired ON times. Slide switch is in "ON" or "OFF" position, bypassing timer function. Connected appliance is not switched ON.	Ensure current time is set accurately. Push down pins for desired ON periods. Set slide switch to the timer icon position. Verify connected appliance is switched ON.
Timer stops or loses time.	Power outage occurred. Internal mechanical wear over long-term use.	Reset current time after power is restored. Consider replacement if wear is significant.
Difficulty pushing pins.	Pins are stiff when new. Timer is not plugged into an outlet (no power).	Use a pen or small tool to push pins down. Plug the timer into a live outlet to enable easier pin adjustment.

Your browser does not support the video tag.

Video 4: A complete review of the timer, including common issues and solutions.

Specifications

- **Model Number:** BND-60/U47
- **Color:** White
- **Material:** Plastic
- **Product Dimensions:** 3.31"D x 1.18"W x 2.17"H
- **Item Weight:** 6.7 ounces (191 Grams)
- **Number of Settings:** 24 (30-minute intervals)
- **Voltage:** 125-Volt
- **Frequency:** 60 Hz
- **Max Loading:** 15-Amp, 1875-Watt resistive; 8-Amp, 1000-Watt tungsten; 5 Amp ballast
- **Certifications:** ETL Listed
- **Country of Origin:** China

Warranty and Support

For warranty information or product support, please contact BN-LINK customer service. Refer to the product packaging or the official BN-LINK website for the most up-to-date contact details and support resources.

BN-LINK Customer Service:

E-mail: support@bn-link.com

Phone: 1-909-592-1881

Website: www.bn-link.com

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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