

HBN BND-60

HBN BND-60 24-Hour Mechanical Indoor Outlet Timer Instruction Manual

Model: BND-60 | Brand: HBN

1. PRODUCT OVERVIEW

The HBN BND-60 24-Hour Mechanical Indoor Outlet Timer is designed to automate the operation of various indoor electrical appliances. It features a simple mechanical dial for setting daily schedules, offering convenience and energy savings.

Key Features:

- **Simple to Use:** Features a built-in pin dial for setting ON/OFF times.
- **Customizable Schedule:** Up to 48 ON/OFF settings per day with 15-minute intervals. Settings repeat daily.
- **Dual Outlets:** Equipped with two 2-prong grounded outlets to control two devices simultaneously.
- **Compact Design:** Mini size ensures it does not obstruct adjacent outlets.
- **Safe & Reliable:** Rigorously tested and rated at 125VAC, 60Hz, 1875W, 15A Tungsten & Resistive, 1/2HP. ETL Listed.



Image: Two HBN BND-60 mechanical timers, illustrating their compact design and dual outlets.

2. SETUP INSTRUCTIONS

Follow these steps to prepare your HBN BND-60 timer for use:

1. **Prepare Pins:** The timer's pins typically come pressed down from the factory. Before setting your schedule, pull all pins on the dial upwards to the 'OFF' position.
2. **Set ON/OFF Times:** Push down the pins corresponding to the time periods you want your connected appliance to be 'ON'. Each pin represents a 15-minute interval. Pins left in the 'UP' position will be 'OFF'.
3. **Set Current Time:** Rotate the entire dial clockwise until the arrow labeled 'TIME NOW' aligns with the current time of day. Ensure you distinguish between AM and PM hours (the dial is typically divided into light for AM and dark for PM).
4. **Select Operating Mode:** Locate the slide switch on the side of the timer. Slide it to the 'TIMER ON' position (indicated by a clock icon) for automatic operation based on your pin settings. If you want the connected appliance to be continuously 'ON', slide the switch to 'OUTLET ON'.

5. **Plug In:** Insert the timer into a standard 2-prong electrical outlet.

6. **Connect Appliance:** Plug your appliance(s) into the 2-prong outlets on the sides of the timer.



Image: Step-by-step visual guide for setting up the HBN mechanical timer.

Setup Video:

Your browser does not support the video tag.

Video: Official HBN guide on setting up the indoor outlet timer, demonstrating pin and dial adjustments.

3. OPERATING INSTRUCTIONS

Once set up, the timer will automatically cycle your connected appliances daily according to your programmed schedule. The dial will continuously rotate, indicating the current time and activating/deactivating the outlets as the pins dictate.

Understanding the Dial:

- The dial is marked with 24 hours, typically with a lighter section for AM (daytime) and a darker section for PM (nighttime).
- Each segment around the dial represents 15 minutes.
- Pins pushed **down** correspond to 'ON' periods.
- Pins pulled **up** correspond to 'OFF' periods.

24-Hour Mechanical Timer

Black Part = 6PM - 6AM Hours

White Part = 6AM - 6PM Hours



Image: Detailed diagram of the timer's components for easy identification.

Changing the Schedule:

To modify the ON/OFF schedule, simply adjust the pins on the dial. Pull up any pins for periods you want the appliance to be off, and push down pins for periods you want it to be on.

2 Grounded Outlets



Image: Visual representation of setting the timer's schedule using the push pins.

Operating Mode Switch:

The slide switch on the side allows you to override the timer settings:

- **TIMER ON (Clock Icon):** The timer operates automatically according to the programmed pins.
- **OUTLET ON (Outlet Icon):** The connected appliance remains continuously on, bypassing the timer settings.

Application Examples:

The HBN BND-60 timer is suitable for various indoor applications, including:

- Lamps and lighting fixtures
- Coffee machines
- Humidifiers
- Electric fans
- Christmas tree lights and other seasonal decorations

Step 1

Set a period of time for the unit to be "ON"



Step 2

Set the "current time"



Step 3

Set "bypass switch"



Step 4

Plug the timer into an electrical socket



Image: Examples of common household appliances that can be automated with the timer.

4. MAINTENANCE

To ensure optimal performance and longevity of your HBN BND-60 timer, follow these maintenance guidelines:

- **Cleaning:** Disconnect the timer from the power outlet before cleaning. Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or immerse the timer in water.
- **Storage:** When not in use, store the timer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the timer for any signs of damage, such as cracks in the casing or frayed wires. Discontinue use if any damage is found.

5. TROUBLESHOOTING

If you encounter issues with your HBN BND-60 timer, refer to the following common troubleshooting tips:

- **Appliance Not Turning ON/OFF:**
 - Ensure the slide switch is in the 'TIMER ON' position.
 - Verify that the pins for the desired ON/OFF times are correctly set (down for ON, up for OFF).
 - Check if the 'TIME NOW' arrow is aligned with the current time.
 - Confirm the appliance itself is working by plugging it directly into a wall outlet.
- **Timer Not Advancing:**
 - Ensure the timer is securely plugged into a live electrical outlet.
 - Check if the internal mechanism is obstructed.
- **Unusual Noises:**
 - A faint ticking sound is normal for mechanical timers. If the noise is loud or unusual, discontinue use and contact support.

If these steps do not resolve the issue, please refer to the Warranty & Support section for further assistance.

6. SPECIFICATIONS

Specification	Value
Model Number	BND-60
Rated Voltage	125VAC, 60Hz
Max. Loading	1875W, 15A Tungsten & Resistive, 1/2HP
Intervals	15-minute
Number of Settings	Up to 48 ON/OFF per day
Outlets	Dual 2-Prong Grounded
Material	Plastic

Color	White
Product Dimensions	1.8"D x 2.7"W x 3.3"H
Certifications	ETL Listed

7. SAFETY INFORMATION

Please read and follow all safety instructions to prevent injury or damage:

- For indoor use only. Do not use in wet or damp locations.
- Do not exceed the electrical ratings of the timer (1875W, 15A). Overloading can cause overheating and fire.
- Ensure the timer is fully inserted into the electrical outlet.
- Do not use with appliances that require continuous supervision, such as power tools or heaters.
- Keep out of reach of children.
- Do not disassemble or attempt to repair the timer. Contact qualified personnel for service.



8. WARRANTY & SUPPORT

HBN provides 14 months of professional customer support for this product. If you have any questions, concerns, or require assistance with your HBN BND-60 timer, please contact our customer support team.

For warranty claims or technical support, please visit the official HBN website or contact the retailer where the product was purchased.

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Related Documents - BND-60

	<p>HBN 24 Hour Mechanical Dual Outlet Outdoor Timer - Model BND-60/U201D</p> <p>User manual and specifications for the HBN 24 Hour Mechanical Dual Outlet Outdoor Timer (Model BND-60/U201D). Learn how to set ON/OFF times, troubleshoot issues, and view product ratings and applications.</p>
	<p>HBN BNE-60/U166 Dual Outlet Digital Timer User Manual</p> <p>User manual for the HBN BNE-60/U166 Dual Outlet Digital Timer, covering setup, programming, features like DST and Random mode, troubleshooting, and specifications. Designed in California, Made in China.</p>



[HBN BNC-60/U205R Sensing Countdown Timer Remote Control 2-Outlet User Manual](#)

User manual for the HBN BNC-60/U205R Sensing Countdown Timer Remote Control with two outlets. Includes safety information, installation instructions, operating modes, pairing, remote control usage, troubleshooting, and warranty details.



[HBN U166 7-Day Heavy Duty Digital Timer - Product Overview](#)

Detailed overview of the HBN U166 7-Day Heavy Duty Digital Timer, featuring manual/automatic modes, up to 8 programs, voltage compatibility, load ratings, and packing specifications. Ideal for indoor use.



[HBN Outdoor Light Sensing Countdown Timer BNC-60/U204LX User Manual](#)

User manual for the HBN Outdoor Light Sensing Countdown Timer (Model BNC-60/U204LX). This guide provides features, operating instructions, troubleshooting, safety information, and specifications for this energy-saving outdoor timer.



[HBN Wireless Remote Control Socket CP-U152R-1-3 User Manual](#)

User manual for the HBN Wireless Remote Control Socket (Model CP-U152R-1-3), detailing features, setup, programming, troubleshooting, and warranty information for convenient remote control of appliances.