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› HBN 24-Hour Mechanical Outdoor Timer Instruction Manual

HBN CP-U201D

HBN 24-Hour Mechanical Outdoor Timer Instruction Manual

Model: CP-U201D

Brand: HBN

1. INTRODUCTION

The HBN 24-Hour Mechanical Outdoor Timer is designed for automated control of outdoor electrical devices. This waterproof and durable timer features two grounded outlets, making it ideal for managing string lights, holiday decorations, pool pumps, and other outdoor applications. With its mechanical dial, setting daily on/off schedules is straightforward and reliable.



Image: The HBN 24-Hour Mechanical Outdoor Timer, a black unit with a clear cover over its mechanical dial and two grounded outlets.

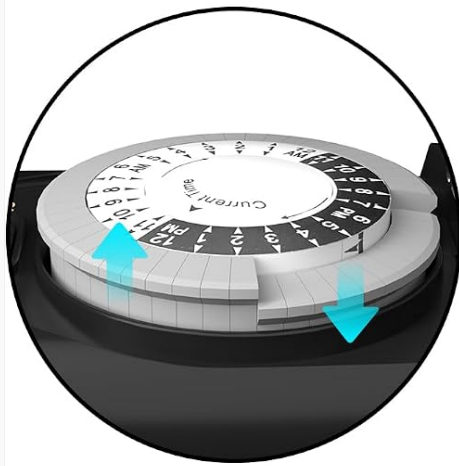
2. KEY FEATURES

- **Daily Repeat Outdoor Timer:** Offers 24 ON/OFF options within a 24-hour period, with each pin representing a 30-minute interval for daily repetition.
- **Durable & Long-lasting:** Heavy-duty design built to withstand dust, wear, and sunlight for enduring performance.
- **Waterproof & Visible:** Features a transparent waterproof cover for easy visualization of timed tasks. Designed to withstand adverse weather conditions. For optimal waterproofing, mount vertically at least 2ft above ground.
- **For Outdoor Use:** Rated at 125 Volts, 60Hz, 15A, 1875W Resistive, 1/2HP; suitable for outdoor lights, Christmas lights, yard lights, pool pumps, holiday decorations, home, and garden.
- **Two Grounded Outlets:** Control two outdoor devices simultaneously.



Image: The timer controlling two outdoor devices simultaneously, highlighting its dual outlet feature.

30-Minute Intervals



Pins up : OFF

Pins down: ON



Image: Close-up of the timer dial showing pins for 30-minute intervals, with pins up for OFF and pins down for ON.

Weatherability

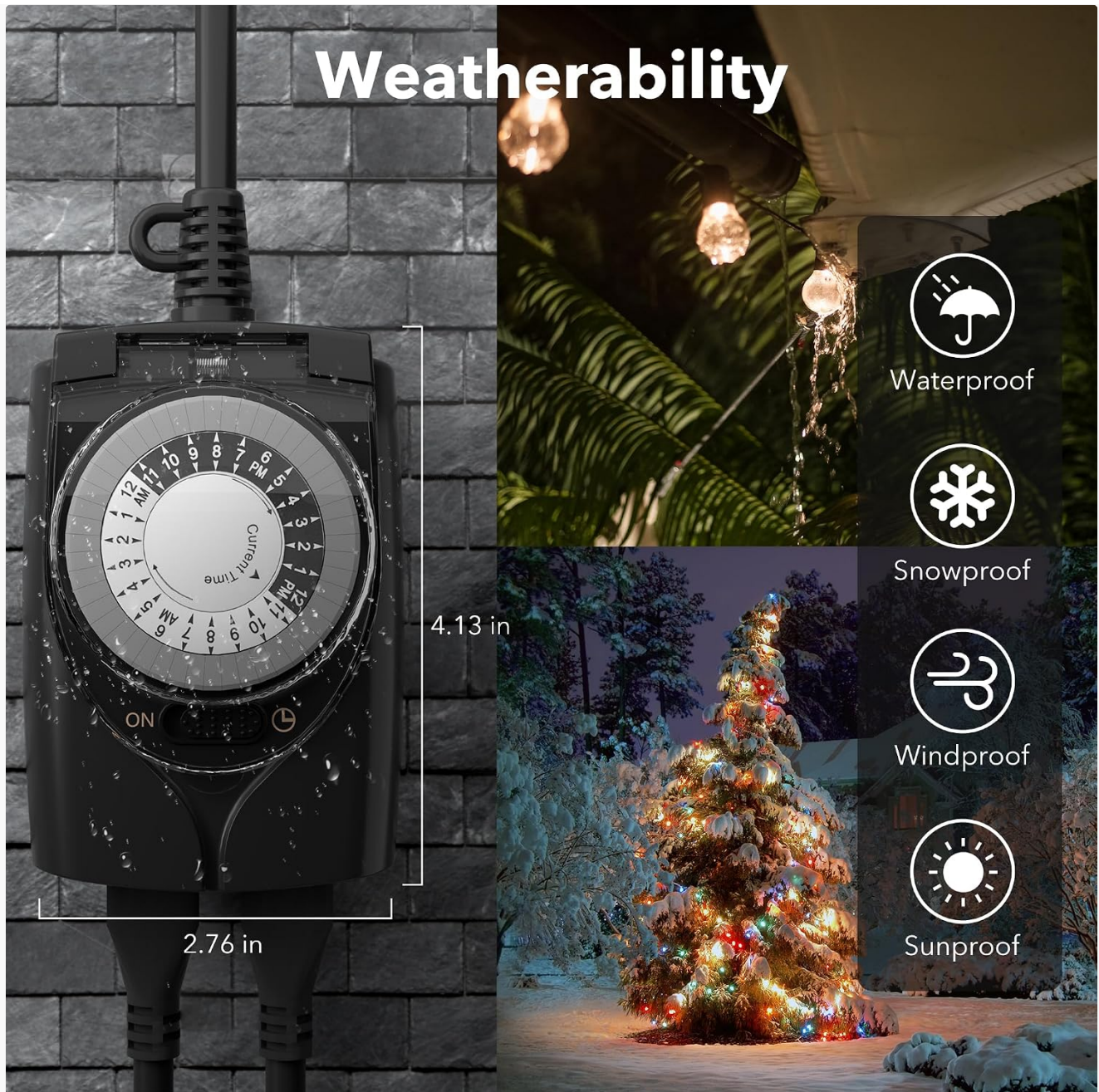
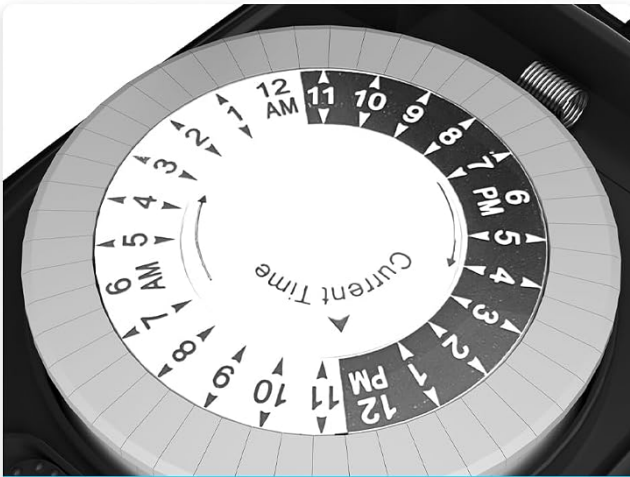
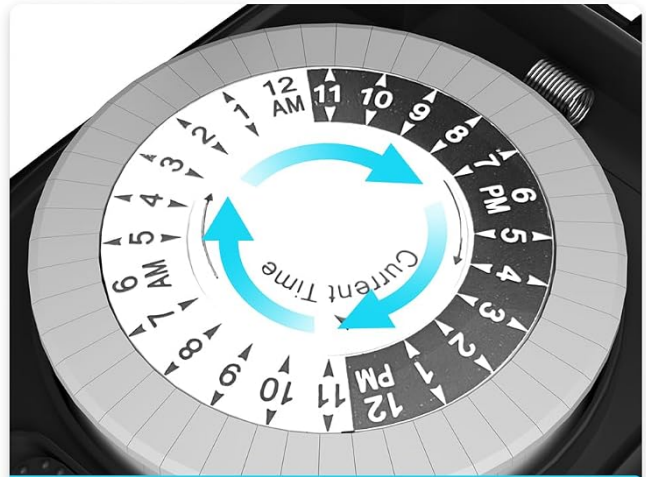


Image: The timer shown in various weather conditions (rain, snow, wind, sun) demonstrating its weather-resistant capabilities.

4 Step To Set Your Schedule



Pull up all the pins



Rotate the dial clockwise to set the current time



Press down on time pins



Set the switch to timer

Image: The timer automating outdoor lighting in a yard, emphasizing its daily repeat function.

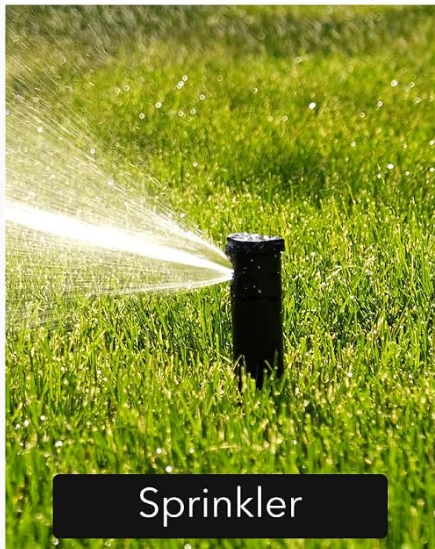
3. SETUP INSTRUCTIONS

1. **Unpack and Familiarize:** Remove the timer from its packaging. Open the clear waterproof cover to access the mechanical dial.
2. **Reset Pins:** Pull up all the small gray pins around the dial. This sets them to the 'OFF' position.
3. **Set ON/OFF Periods:** Push down the gray pins corresponding to the times you want your devices to be 'ON'. Each pin represents a 30-minute interval. For example, to turn on from 6:00 PM to 10:00 PM, push down the pins from the '6 PM' mark to the '10 PM' mark.
4. **Set Current Time:** Rotate the entire gray push-pin dial clockwise until the 'Current Time' arrow aligns with the current time of day. The black portion of the dial represents 12 PM to 12 AM, and the white portion represents 12 AM to 12 PM.
5. **Select Timer Mode:** Ensure the slide switch at the bottom of the timer is set to the 'clock' icon for programmed operation.

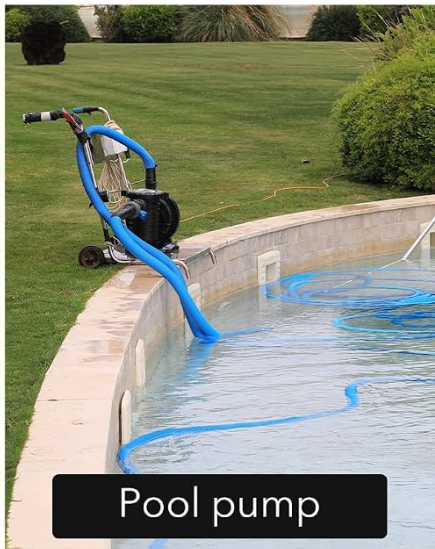
6. **Plug In Timer:** Plug the timer into a grounded outdoor electrical outlet.
7. **Connect Devices:** Plug your outdoor devices (lights, pumps, etc.) into the two grounded outlets on the timer. Ensure your devices are switched to their 'ON' position.

Multi-Scenario Application

Time it right, save energy bright!



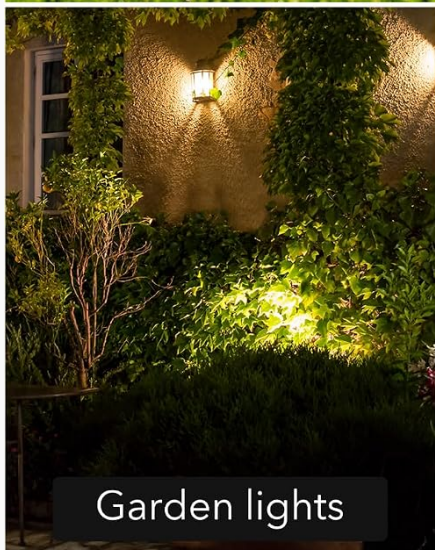
Sprinkler



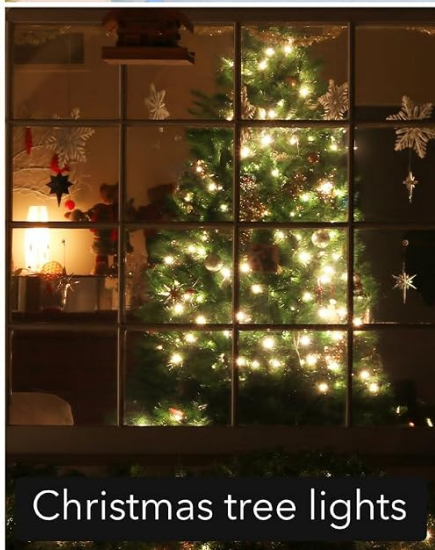
Pool pump



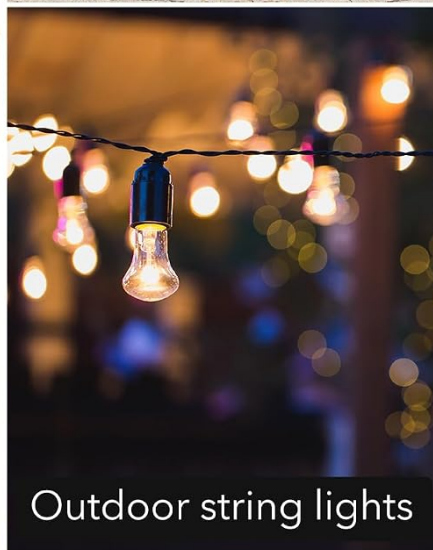
Fountain



Garden lights



Christmas tree lights



Outdoor string lights

Image: A visual guide showing the four steps to set the timer's schedule: pulling up pins, rotating the dial to current time, pressing down time pins for ON, and setting the switch to timer mode.

Setup Video Guide

Your browser does not support the video tag.

Video: An official HBN video demonstrating the setup and use of the outdoor mechanical timer, including setting on/off periods and current time.

4. OPERATING MODES

The HBN Outdoor Timer offers two operating modes, controlled by the slide switch located at the bottom of the unit:

- **Timer Mode (Clock Icon):** When the switch is set to the 'clock' icon, the timer will operate according to the

programmed ON/OFF schedule you set using the pins. The dial will continuously rotate, activating and deactivating your connected devices at the specified times daily.

- **Always ON Mode (ON Position):** When the switch is slid to the 'ON' position, the timer will bypass its programmed schedule, and the connected devices will remain continuously powered. This is useful for situations where you need constant power, overriding the timer function.

User-Friendly Design in Details



Image: A detailed view of the timer highlighting its user-friendly design, including the slide switch for mode selection.

5. MAINTENANCE

- **Keep Cover Closed:** To ensure optimal performance and longevity, keep the transparent waterproof cover securely closed when not adjusting settings.
- **Proper Mounting:** Mount the timer vertically at least 2 feet above ground to prevent water accumulation and ensure proper drainage.
- **Regular Inspection:** Periodically inspect the timer and its electrical connections for any signs of wear, damage, or corrosion.

- **Cleaning:** Clean the exterior of the timer with a soft, damp cloth as needed. Do not use harsh chemicals or abrasive cleaners.

6. TROUBLESHOOTING

Timer Not Activating/Deactivating Devices:

- **Verify Current Time:** Ensure the current time on the dial is accurately set.
- **Check Pins:** Confirm that the pins corresponding to your desired ON/OFF times are correctly pushed down (ON) or pulled up (OFF).
- **Check Switch Position:** Ensure the manual override switch is set to the 'clock' icon for programmed operation, not 'ON'.
- **Power Source:** Confirm the timer is securely plugged into a live power outlet.
- **Device Status:** Ensure the connected devices are themselves switched to the 'ON' position.

Clock Not Keeping Time:

- The mechanical timer's clock mechanism requires continuous power to keep accurate time. If unplugged for an extended period, the current time will need to be reset upon re-plugging.

Water Accumulation Inside Cover:

- Ensure the transparent cover is fully closed and sealed.
- Verify the timer is mounted vertically at least 2 feet above ground to allow water to drain away from the outlets and controls.

7. SPECIFICATIONS

Attribute	Value
Brand	HBN
Model Number	CP-U201D
Color	Black
Material	Plastic
Product Dimensions	6.3"D x 1.9"W x 3"H
Item Weight	7.52 ounces
Number of Settings	24 (ON/OFF options per 24-hour period)
UPC	810079582020

Manufacturer	HBN
Item Package Quantity	1
Included Components	Outlet timer, User manual
Batteries Included?	No
Batteries Required?	No
Electrical Rating	125 Volts, 60Hz, 15A, 1875W Resistive, 1/2HP

8. WARRANTY AND SUPPORT

- **Warranty Coverage:** Enjoy 1 year of coverage from the date of purchase.
- **Technical Support:** Lifetime technical support is provided for your HBN Outdoor Timer.
- **Contact Information:** For any questions, troubleshooting assistance, or warranty claims, please reach out to our dedicated USA customer service team. Refer to the contact information provided in your product packaging or on the official HBN website.

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

