

BN-LINK CP-U210S-2P

BN-LINK 7-Day Heavy Duty Digital Timer with Dual Outlet

MODEL: CP-U210S-2P

Introduction

This instruction manual provides detailed guidance for the setup, operation, and maintenance of your BN-LINK 7-Day Heavy Duty Digital Timer with Dual Outlet. This programmable timer is designed to automate the power control of various indoor electrical devices, enhancing convenience and energy efficiency. Please read this manual thoroughly before use to ensure proper functionality and safety.

Safety Information

WARNING: To reduce the risk of fire or electric shock, observe the following precautions:

- Do not immerse the timer in water or any other liquid.
- Do not connect any appliance that exceeds the timer's maximum load rating (125V, 15A, 1875W Resistive; 10A, 1250W Tungsten; 1/2HP).
- Do not use with extension cords or adapters that are not grounded.
- Ensure the timer is securely plugged into a grounded 3-prong outlet.
- This timer is for indoor use only.
- Do not attempt to disassemble or repair the unit. Contact customer support if service is required.

Product Overview

The BN-LINK Digital Timer features a compact design with a clear LCD display and intuitive buttons for easy programming. It includes two grounded 3-prong outlets for connecting your devices.

2 Grounded Outlet

- 1 LCD Display 2 3 Prong Outlet 3 Buttons

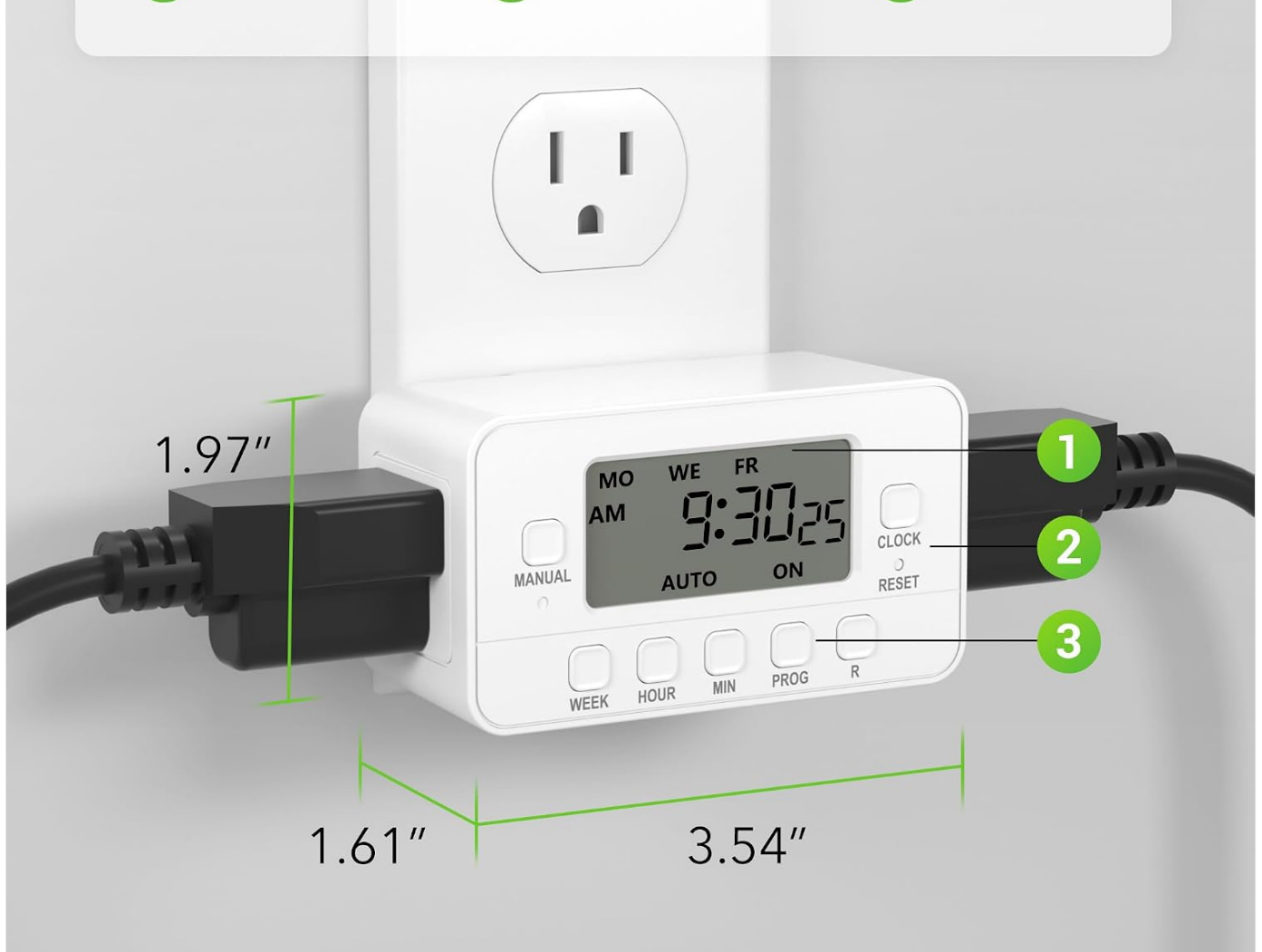


Image: Front view of the BN-LINK Digital Timer, highlighting its LCD display, dual 3-prong outlets, and control buttons. Dimensions are also indicated.

Key Features:

- **LCD Display:** Large, easy-to-read screen for time and program settings.
- **Dual 3-Prong Outlets:** Allows control of two devices simultaneously.
- **8 ON/OFF Programs:** Up to 8 distinct on/off schedules can be set.
- **7-Day Programmable:** Customize schedules for specific days, weekdays, weekends, or daily repeats.
- **Random Mode:** Activates lights randomly to simulate occupancy for enhanced security.
- **Daylight Saving Time (+1h):** Easy adjustment for seasonal time changes.
- **Built-in Battery:** Retains program settings during power outages.
- **ETL Listed:** Certified for safety and quality standards.

Setup

Follow these steps for initial setup of your digital timer:



Image: Visual guide illustrating the three main steps for setting up the BN-LINK Digital Timer: setting the current time, programming ON/OFF schedules, and activating auto mode.

1. **Charge the Internal Battery:** Before first use, plug the timer into a live electrical outlet for at least 30 minutes to charge the internal battery. This battery maintains settings during power interruptions.
2. **Reset the Timer:** Use a small pointed object (like a pen tip) to press the 'R' (Reset) button located next to the 'CLOCK' button. This clears all previous settings. The display will show '0:00'.
3. **Set Current Time:**
 - Press and hold the 'CLOCK' button.
 - While holding 'CLOCK', press 'WEEK' repeatedly to select the current day of the week (MO, TU, WE, TH, FR, SA, SU).
 - While holding 'CLOCK', press 'HOUR' repeatedly to set the current hour (AM/PM will change accordingly).
 - While holding 'CLOCK', press 'MIN' repeatedly to set the current minute.
 - Release the 'CLOCK' button. The current time is now set.

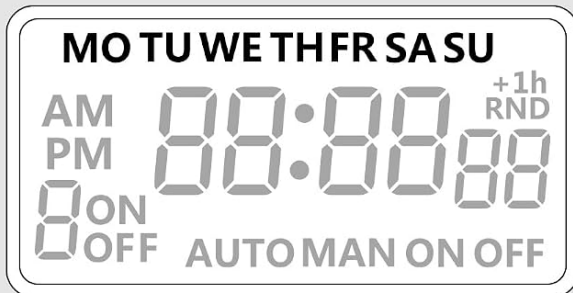
Operating Instructions

This timer allows for flexible programming to suit various needs.



8 ON/OFF

Programs for timer



7-Day

Programmable

- Daily
- One Specific Day
- Weekday
- Weekend
- Sunday Excluded
- Mo-We-Fr only
- Tu-Th-Sa only and more

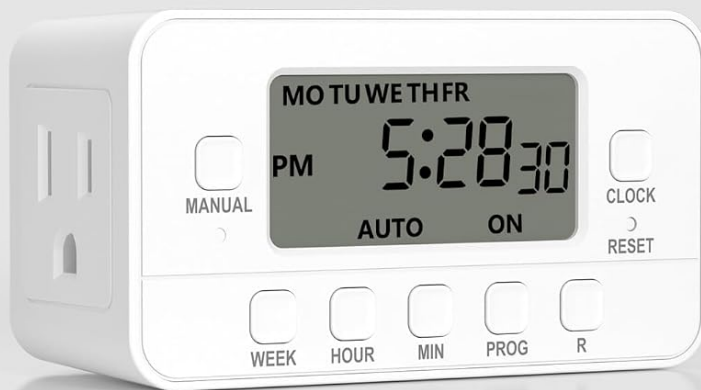


Image: A visual representation of the timer's LCD screen, detailing the availability of 8 ON/OFF programs and various 7-day programmable scheduling options.

Programming ON/OFF Schedules:

The timer supports up to 8 ON/OFF programs. Each program consists of an ON time and an OFF time.

1. Press the 'PROG' button once. The display will show '1 ON' and '0:00'.
2. Press 'WEEK' to select the desired day(s) for this program. Options include: MO, TU, WE, TH, FR, SA, SU, MO TU WE TH FR SA SU (Daily), MO TU WE TH FR (Weekdays), SA SU (Weekends), MO TU WE TH FR SA, MO WE FR, TU TH SA, etc.
3. Press 'HOUR' to set the desired ON hour.
4. Press 'MIN' to set the desired ON minute.
5. Press 'PROG' again. The display will show '1 OFF' and '0:00'.
6. Repeat steps 2-4 to set the desired OFF time for Program 1.
7. To set additional programs (2-8), press 'PROG' again and repeat steps 2-6 for each program.

8. After setting all desired programs, press the 'CLOCK' button to return to the current time display.

Manual Mode (ON/OFF/AUTO):

The 'MANUAL' button cycles through three modes: ON, OFF, and AUTO.

- **MANUAL ON:** The timer will continuously supply power to the outlets, overriding any programs.
- **MANUAL OFF:** The timer will continuously cut power to the outlets, overriding any programs.
- **AUTO:** The timer will operate according to the programmed ON/OFF schedules. This is the default mode for programmed operation.

To activate AUTO mode: Press and hold the 'MANUAL' button for approximately 4 seconds until 'AUTO' appears on the display. The timer will not execute programs unless it is in AUTO mode.

Random Mode:

The 'RND' (Random) button activates a security feature that turns connected lights ON and OFF at random intervals between 6:00 PM and 5:30 AM. This simulates occupancy to deter intruders when you are away.

- Press the 'RND' button once to activate Random Mode. 'RND' will appear on the display.
- Press 'RND' again to deactivate it.

Protect Your Home



Active 'Random' to program your lights randomly making your home look 'lived in' even when you're away.

Image: The BN-LINK Digital Timer displayed in front of a house at dusk, demonstrating how its 'Random' mode can enhance home security by simulating occupancy.

Daylight Saving Time Adjustment:

To adjust for Daylight Saving Time, press the '+1h' button. The time will advance by one hour. Press it again to revert. This feature is indicated by '+1h' on the display.

Maintenance

- Clean the timer with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- Ensure the timer is unplugged before cleaning.
- Store the timer in a cool, dry place when not in use.

Troubleshooting

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Timer does not turn ON/OFF at programmed times.	Timer is not in AUTO mode.	Press and hold 'MANUAL' for 4 seconds until 'AUTO' is displayed.
Display is blank or dim.	Internal battery is low or depleted.	Plug the timer into a live outlet for at least 30 minutes to charge the battery.
Programs are lost after a power outage.	Internal battery was not sufficiently charged or is faulty.	Ensure the timer is regularly plugged in to keep the battery charged. If the issue persists, the battery may need service.
Connected appliance does not turn on.	Appliance is not switched ON, or timer is in MANUAL OFF mode.	Ensure the appliance is switched ON. Check timer mode and switch to MANUAL ON or AUTO if needed.
Random mode not working.	Random mode is not activated.	Press the 'RND' button until 'RND' appears on the display. Note that Random mode only operates between 6:00 PM and 5:30 AM.

Specifications

- **Model:** CP-U210S-2P
- **Voltage:** 125V~
- **Frequency:** 60Hz
- **Max Load (Resistive):** 15A / 1875W
- **Max Load (Tungsten):** 10A / 1250W
- **Motor Rating:** 1/2 HP
- **Number of Programs:** 8 ON/OFF pairs
- **Minimum Setting Time:** 1 minute
- **Dimensions:** 1.61"D x 3.54"W x 1.97"H
- **Weight:** 10.2 Ounces
- **Material:** Polycarbonate
- **Certifications:** ETL Listed

Warranty and Support

BN-LINK products are designed for reliability and performance. For warranty information, technical support, or any questions regarding your digital timer, please refer to the contact information provided with your purchase or visit the official BN-LINK website. Please retain your proof of purchase for warranty claims.

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