

HBN CP-GOE22-1

HBN Digital Outdoor Timer Outlet (Model CP-GOE22-1) - User Manual

Model: CP-GOE22-1 | Brand: HBN

INTRODUCTION

This manual provides instructions for the HBN Digital Outdoor Timer Outlet, Model CP-GOE22-1. Please read this manual carefully before using the device to ensure proper operation and safety. This digital timer is designed for automatic control of electrical devices, offering flexible programming for various applications.



Image: The HBN Digital Outdoor Timer Outlet, Model CP-GOE22-1, featuring a digital display and control buttons protected by a clear,

hinged cover. The device is grey with a single power outlet at the bottom.

IMPORTANT SAFETY INFORMATION

- Ensure the timer is correctly installed and connected to a suitable power source (230V/50Hz).
- Do not exceed the maximum load capacity of 16 A / 3680 W.
- This device is rated IP44 for outdoor use, meaning it is protected against solid objects larger than 1mm and splashing water from any direction. However, do not immerse it in water.
- Keep children away from the device. The integrated child lock provides additional safety.
- Do not open or attempt to repair the device yourself. Contact qualified personnel for service.
- Before cleaning, disconnect the timer from the power outlet.

PRODUCT FEATURES

- **8 Flexible Programs:** Set up to 8 ON/OFF programs for daily or weekly control.
- **Random Function (RND):** Simulates presence by turning lights ON/OFF at irregular intervals.
- **Manual Control:** Switch between ON, AUTO, and OFF modes.
- **Summer/Winter Time:** Easy adjustment for daylight saving.
- **24-Hour Mode:** Display time in 24-hour format.
- **Backup Battery:** Retains settings during power outages.
- **IP44 Rating:** Suitable for outdoor use, protected against splashing water.
- **Child Lock:** Integrated for enhanced safety.

Einfach einstellen & loslegen

Automatisieren Sie elektrische Geräte im Innenbereich, um Energie und Geld zu sparen



Image: The timer controlling outdoor lighting for a patio and a water feature in a garden, demonstrating its versatility for various outdoor applications. The digital display shows programmed ON/OFF times.

SETUP AND INITIAL USE

1. **Charge the Timer:** Before first use or after long periods of inactivity, plug the timer into a standard power outlet for at least 30 minutes. This charges the internal backup battery.
2. **Clear All Settings (Optional):** To clear all previous settings, press the **Reset** button using a pointed object (e.g., a pen tip). The display will show "00:00" and all indicators will flash.
3. **Set Current Time:**
 - Press and hold the **CLOCK** button.
 - While holding **CLOCK**, press **WEEK** to set the current day (MO, TU, WE, TH, FR, SA, SU).
 - While holding **CLOCK**, press **HOUR** to set the current hour (0-23).
 - While holding **CLOCK**, press **MIN** to set the current minute (0-59).
 - Release the **CLOCK** button. The time is now set.

4. Summer/Winter Time Adjustment:

- Press and hold the **CLOCK** button.
- While holding **CLOCK**, press the **R** button once to advance the time by one hour (Summer Time). The display will show "+1h".
- Press **R** again to revert to standard time.

Digitale Zeitschaltuhr Steckdose Aussenbereich

1-8
8 Schaltprogramme

15 verschiedene
Wochenkombinationen

Zufallsfunktion

Sommer-/Winterzeit

Energie Sparen

Image: A detailed view of the timer's display and control panel, highlighting the functions of each button and indicator for setting up the device.

OPERATING INSTRUCTIONS

Programming ON/OFF Times

The timer allows for 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".

2. Press **WEEK** to select the desired day(s) for this program. You can choose a single day, weekdays, weekends, or various combinations (e.g., MO-FR, SA-SU, MO-SA, MO-SU, etc.).
3. Press **HOURL** 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".
6. Repeat steps 2-4 to set the desired OFF day(s), hour, and minute for program 1.
7. Continue pressing **PROG** to cycle through programs 2 to 8 (ON and OFF settings for each).
8. After setting all desired programs, press the **CLOCK** button to return to the current time display.

Note: If you do not press any button for 30 seconds during programming, the timer will automatically return to the current time display, saving any changes made up to that point.

Manual Control (ON, AUTO, OFF)

Press the **MANUAL** button to cycle through the operating modes:

- **ON:** The timer output is continuously ON, overriding all programs.
- **AUTO:** The timer operates according to the programmed ON/OFF times.
- **OFF:** The timer output is continuously OFF, overriding all programs.

For automatic operation, ensure the timer is set to **AUTO** mode.

Random Function (RND)

The random function is designed to simulate presence by turning connected devices ON and OFF at irregular intervals, typically for security purposes.

1. Ensure the timer is in **AUTO** mode.
2. Press the **R** button once. The "RND" indicator will appear on the display.
3. When RND is active, the timer will randomly turn ON and OFF the connected device within a certain time window around your programmed times.
4. To deactivate the random function, press the **R** button again. The "RND" indicator will disappear.

Zufällige Aktivierung

Um Einbrecher abzuschrecken, kann ein Timer im RND-Modus das Licht im Wohnzimmer zu unterschiedlichen Zeiten ein- und ausschalten, sodass es aussieht, als ob jemand zu Hause ist.



Image: The timer's random function (RND) is shown active, illustrating its ability to deter intruders by making it appear as if someone is home by randomly switching lights on and off.

MAINTENANCE

- **Cleaning:** Disconnect the timer from the power outlet before cleaning. Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** If storing the timer for an extended period, ensure the backup battery is charged periodically (e.g., every 3 months) to maintain its functionality. Store in a dry, cool place.
- **Inspection:** Regularly inspect the timer and its power cord for any signs of damage. Do not use if damaged.



Image: The timer is depicted with icons representing its weather resistance features, including protection against water splashes, snow, wind, and sun, confirming its suitability for outdoor environments with an IP44 rating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer display is blank.	No power supply or backup battery is depleted.	Plug the timer into a live power outlet for at least 30 minutes to charge the backup battery. Check the power outlet.

Problem	Possible Cause	Solution
Connected device does not turn ON/OFF as programmed.	<ul style="list-style-type: none"> Timer is not in AUTO mode. Programs are incorrectly set. Random function (RND) is active. Connected device is faulty or not powered. 	<ul style="list-style-type: none"> Press MANUAL until "AUTO" is displayed. Review and re-program the ON/OFF times carefully. Deactivate RND by pressing the R button. Test the connected device directly in a power outlet.
Time is incorrect after a power outage.	Backup battery is depleted or faulty.	Ensure the timer is regularly plugged in to keep the backup battery charged. If the problem persists, the backup battery may need service.
Timer buttons are unresponsive.	Temporary software glitch or moisture ingress.	Press the Reset button. Ensure the protective cover is closed when used outdoors to prevent moisture.

SPECIFICATIONS

Model Number	CP-GOE22-1
Brand	HBN
Power Supply	230 V / 50 Hz
Max. Load Capacity	16 A / 3680 W
Number of Programs	8 ON/OFF programs
Minimum Switching Time	1 minute
Operating Modes	ON, AUTO, OFF, Random (RND)
Protection Rating	IP44 (Splash-proof)
Operating Temperature	-10°C to 40°C
Material	Plastic
Dimensions (H x W x D)	14.5 x 7.3 x 4.1 cm (approx.)
Weight	160 Grams
UPC	810199741574



Image: A side view of the timer, emphasizing its outdoor suitability with an IP44 rating, the presence of a backup battery, and its operational temperature range, indicating robust design for various conditions.

WARRANTY AND SUPPORT






For warranty information or technical support, please refer to the retailer where the product was purchased or contact HBN customer service directly. Keep your proof of purchase for warranty claims.

Manufacturer: Ergo I&E CO.,LTD

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This manual is for informational purposes only. HBN reserves the right to make changes to the product without prior notice.

Related Documents - CP-GOE22-1

 <p>HBN PRODUCT # CP-U152R-1-3 WIRELESS REMOTE CONTROL SOCKET</p> <p>Please keep this manual www.hn-link.com - 5 -</p>	<p>HBN Wireless Remote Control Socket CP-U152R-1-3 User Manual</p> <p>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.</p>
 <p>HBN PRODUCT # BND-60/U201D 24 HOUR MECHANICAL DUAL OUTLET OUTDOOR TIMER</p> <p>Please keep this handbook www.hn-link.com</p>	<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 PRODUCT # BNE-60/U166 DUAL OUTLET DIGITAL TIMER</p> <p>Please keep this handbook Designed in California Made in China www.hn-link.com - 1 -</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>
 <p>HBN PRODUCT # BNC-60/U205R SENSING COUNTDOWN TIMER REMOTE CONTROL 2-OUTLET</p> <p>ENERGY SAVING</p> <p>Please keep this manual www.hn-link.com - 1 -</p>	<p>HBN BNC-60/U205R Sensing Countdown Timer Remote Control 2-Outlet User Manual</p> <p>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.</p>
 <p>HBN 7 Day Heavy Duty Digital Timer U166</p> <p>Function Description</p> <p>Manual/automatic timing 8 programs Voltage compatibility Load capacity Other features</p> <p>Input & Output</p> <p>Reference</p> <p>Range & Approval</p> <p>Voltage Compatibility: 100V AC Frequency: 60Hz Max. Load: 1500W/15A Other Ratings: 120V</p> <p>Packing</p> <p>Product Dimensions (mm): 110x60x30 Product Weight (kg): 0.15 Gross Weight (kg): 0.25 Net Weight (kg): 0.15 Gross Weight (kg): 0.25 Net Weight (kg): 0.15 Gross Weight (kg): 0.25 Net Weight (kg): 0.15 Gross Weight (kg): 0.25 Net Weight (kg): 0.15</p>	<p>HBN U166 7-Day Heavy Duty Digital Timer - Product Overview</p> <p>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.</p>



[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.