

ENERLITES HET07

ENERLITES HET07 Digital Plug-in Programmable Timer
Instruction Manual

Model: HET07

1. INTRODUCTION

The ENERLITES HET07 Digital Plug-in Programmable Timer is designed to automate the ON/OFF cycles of various electrical appliances and lighting fixtures. This device offers 7-day programming capabilities, including a random mode for enhanced security and energy saving. Its user-friendly interface and compact design make it suitable for a wide range of indoor applications.



Figure 1.1: Two ENERLITES HET07 digital plug-in programmable timers.

2. SAFETY INFORMATION

WARNING: To avoid fire, shock, or death, turn off power at the circuit breaker or fuse and test that power is off before wiring! This device is intended for indoor use only. Do not exceed the electrical ratings specified.

- Read all instructions before installation and use.
- Do not use with appliances that could cause dangerous conditions if left unattended (e.g., heating appliances, power tools).
- Ensure the timer is securely plugged into a grounded 120V AC outlet.
- Keep away from water and moisture.
- Do not disassemble or modify the device.

3. PRODUCT OVERVIEW

3.1 Components and Controls

OPERATING INSTRUCTIONS

Alternative Mode Settings

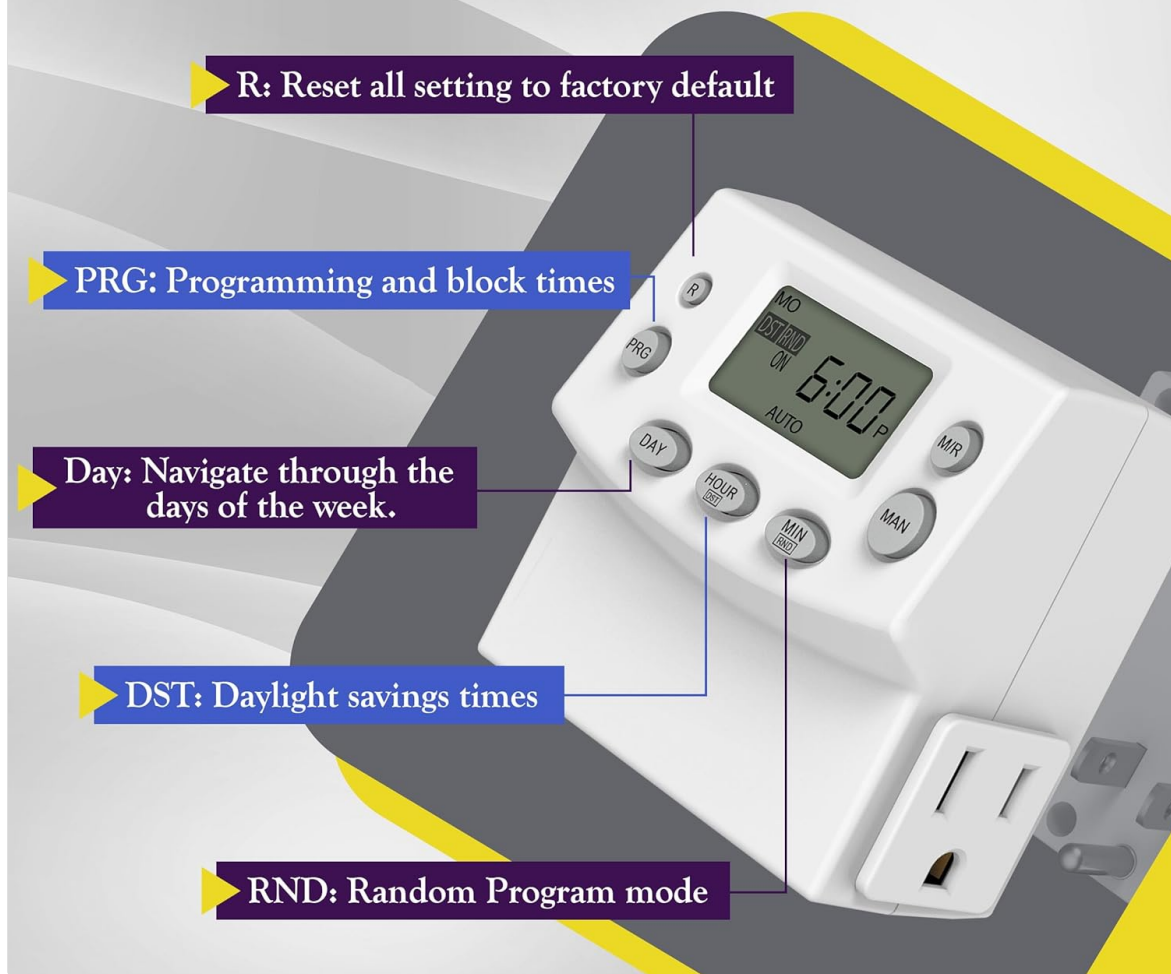


Figure 3.1: ENERLITES HET07 Timer Controls.

The ENERLITES HET07 timer features an LCD display and several buttons for configuration and operation:

- **R (Reset):** Resets all settings to factory defaults.
- **PRG (Program):** Enters programming mode to set ON/OFF times.
- **DAY:** Navigates through days of the week during time setting or programming.
- **HOUR:** Adjusts the hour during time setting or programming. Also activates DST (Daylight Saving Time) when pressed with MIN.
- **MIN:** Adjusts the minute during time setting or programming. Also activates RND (Random) mode when pressed with HOUR.
- **M/R (Mode/Review):** Switches between AUTO, ON, and OFF modes. Also reviews programmed events.
- **MAN (Manual):** Manual override button to turn the connected device ON or OFF without affecting programmed settings.

3.2 Key Features

- 7-day programmable schedule with up to 18 ON/OFF events.
- User-friendly interface with a clear LCD display.
- Built-in power backup (up to 14 days) to retain settings during power outages.
- Random mode for enhanced home security.
- Daylight Saving Time (DST) adjustment.
- Manual override function.
- Compact design that does not block the second outlet.

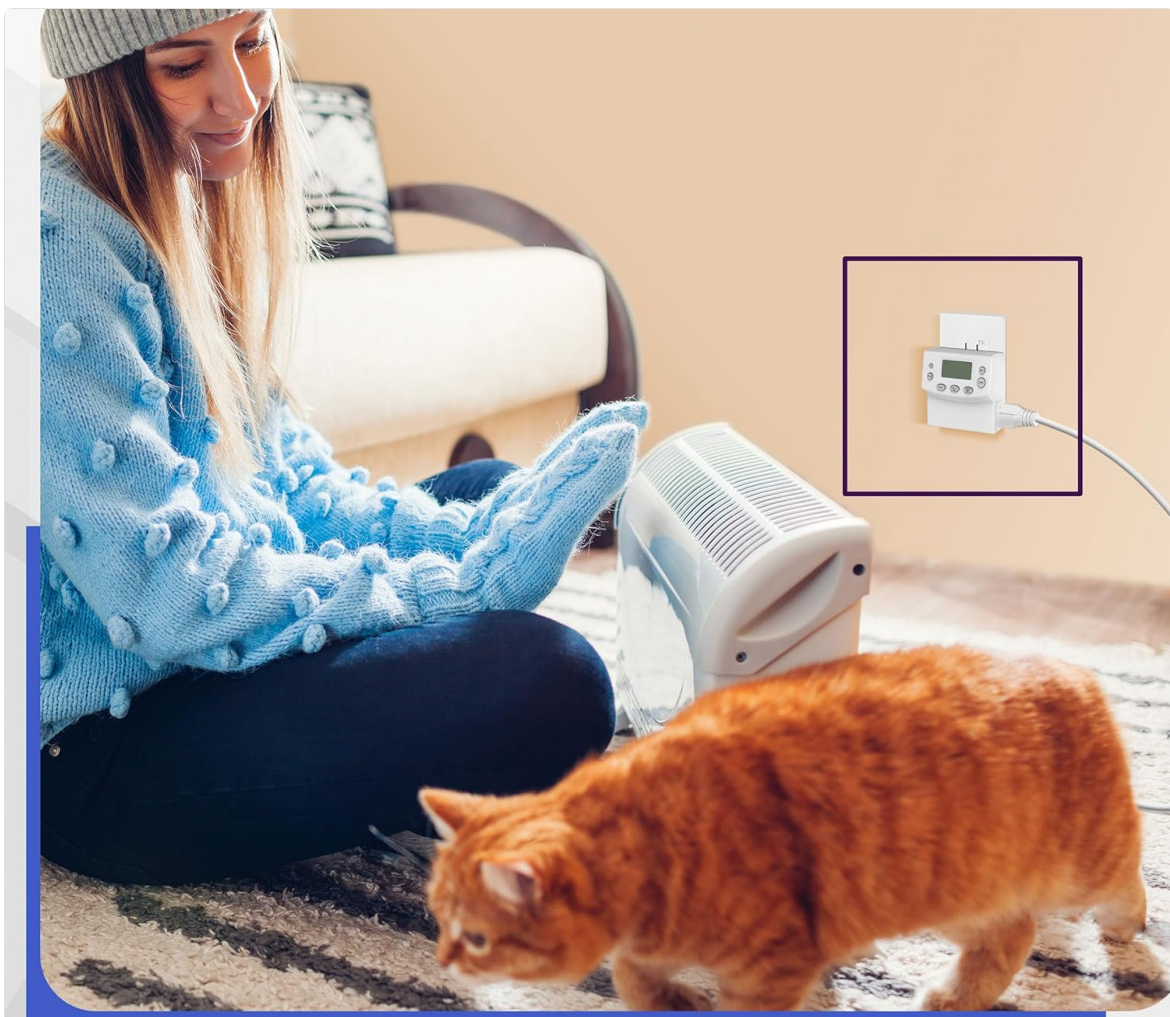
4. SETUP

4.1 Initial Setup

1. **Unpack:** Carefully remove the timer from its packaging.
2. **Plug In:** Insert the timer into a standard 120V AC grounded wall outlet. The LCD display should illuminate.
3. **Clear Memory:** Use a small pointed object (like a pen tip) to press the recessed **R (Reset)** button. This clears any pre-set programs and ensures a fresh start.
4. **Charge Battery:** Allow the timer to remain plugged in for at least 15 minutes to charge the internal backup battery. This ensures settings are retained if power is lost.

4.2 Setting Current Time and Day

1. Press the **CLOCK** button (if available, otherwise proceed to step 2).
2. Press the **DAY** button repeatedly to select the current day of the week (MO, TU, WE, TH, FR, SA, SU).
3. Press the **HOURL** button to set the current hour. Pay attention to AM/PM indicators.
4. Press the **MIN** button to set the current minute.
5. Once the time and day are set, the display will return to normal operation after a few seconds of inactivity.



HEAVY DUTY Equipped to handle higher loads

Figure 4.1: The timer's angled screen design allows for easy viewing when plugged into an outlet, without obstructing the second receptacle.

5. OPERATING INSTRUCTIONS

5.1 Programming ON/OFF Times

The timer allows for up to 18 ON/OFF programs. Each program can be set for individual days or blocks of days.

1. Press the **PRG** button once to enter programming mode. The display will show '1 ON'.
2. Press **DAY** to select the desired day(s) for this program. Options include individual days (MO, TU, etc.), weekdays (MO TU WE TH FR), weekends (SA SU), or all days (MO TU WE TH FR SA SU).
3. Press **HOURL** to set the ON hour.
4. Press **MIN** to set the ON minute.
5. Press **PRG** again. The display will show '1 OFF'.
6. Repeat steps 2-4 to set the OFF time for the same program.
7. Press **PRG** again to move to the next program ('2 ON') or to exit programming mode if no further programs are needed.
8. To review programs, press **M/R** repeatedly in normal operating mode.

5.2 Random Mode (RND)

The random mode feature can be used to deter intruders by making it appear as if someone is home. When activated, the timer will randomly turn the connected device ON and OFF within a set window.

1. In normal operating mode, press and hold the **HOURL** and **MIN** buttons simultaneously until 'RND' appears on the display.
2. To deactivate, press and hold **HOURL** and **MIN** again until 'RND' disappears.

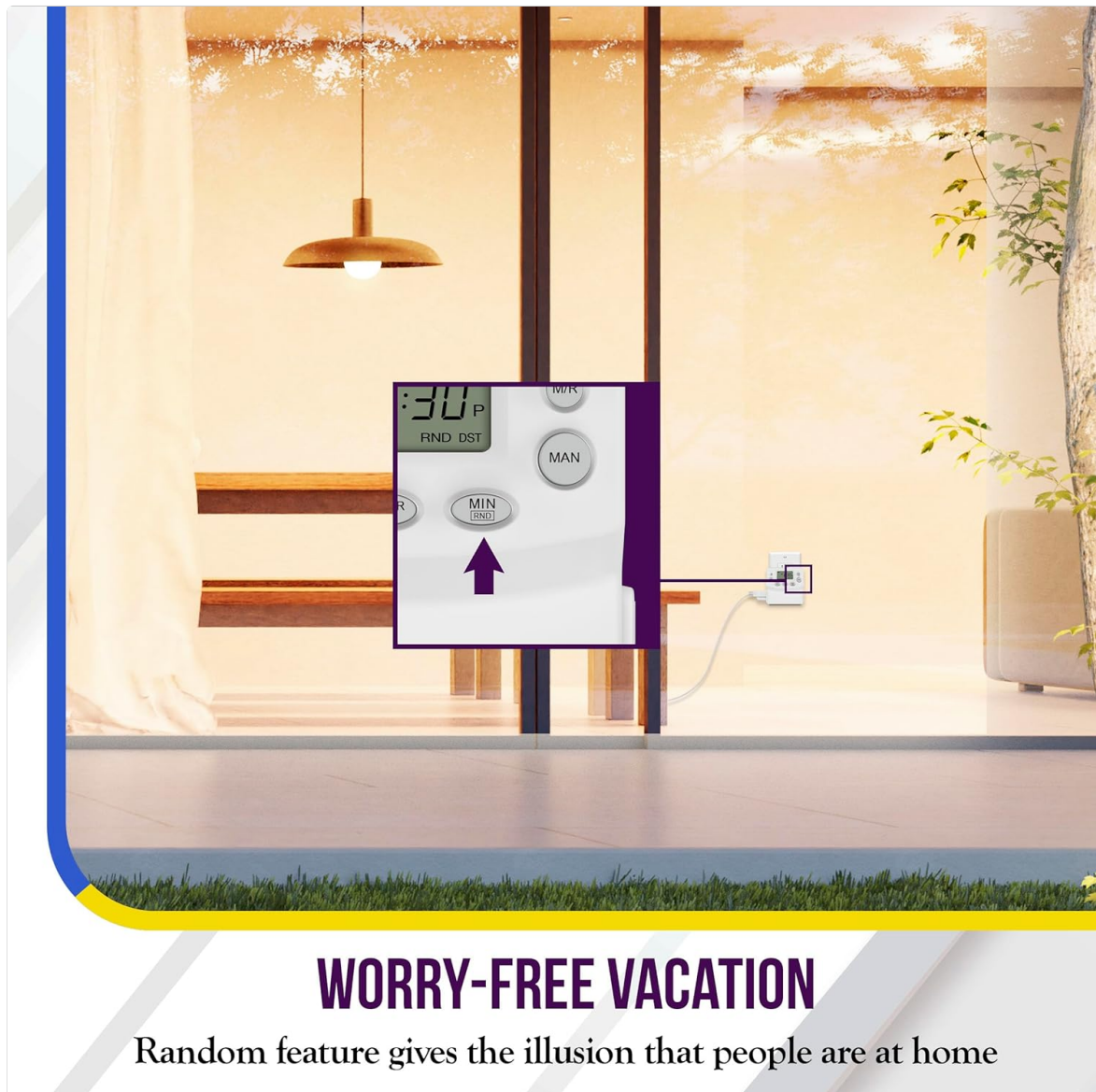


Figure 5.1: Random mode provides an illusion of occupancy for security.

5.3 Daylight Saving Time (DST)

To adjust for Daylight Saving Time:

1. In normal operating mode, press and hold the **DAY** and **HOUR** buttons simultaneously until 'DST' appears on the display. The time will advance by one hour.
2. To revert, press and hold **DAY** and **HOUR** again until 'DST' disappears. The time will go back one hour.

5.4 Manual Override (MAN)

To manually turn the connected device ON or OFF without affecting the programmed schedule:

- Press the **MAN** button. The display will show 'ON' or 'OFF' and the device will switch accordingly.
- Pressing **MAN** again will toggle the state. The timer will revert to its programmed schedule at the next scheduled ON/OFF event.

5.5 Mode Selection (M/R)

Press the **M/R** button to cycle through the operating modes: AUTO, ON, and OFF.

- **AUTO:** The timer operates according to the programmed schedule.
- **ON:** The connected device remains continuously ON, overriding the schedule.
- **OFF:** The connected device remains continuously OFF, overriding the schedule.

6. MAINTENANCE

6.1 Battery Backup

The ENERLITES HET07 timer includes an internal rechargeable battery that maintains programmed settings for up to 14 days during a power outage. No user maintenance is required for this battery. If the display is blank or dim after a power outage, plug the timer into an active outlet for at least 15 minutes to recharge the battery.

6.2 Cleaning

To clean the timer, unplug it from the wall outlet. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer does not turn ON/OFF at programmed times.	Incorrect programming; Timer is in ON or OFF mode; Current time/day is incorrect.	Verify programmed ON/OFF times and days. Ensure the timer is in AUTO mode. Check and correct the current time and day.
Display is blank or dim.	No power to the outlet; Internal battery is depleted.	Check the wall outlet with another device. Ensure the timer is plugged in. Allow the timer to charge for at least 15 minutes.
Connected appliance does not turn ON/OFF.	Appliance is not working; Timer is faulty; Appliance exceeds timer's rating.	Test the appliance by plugging it directly into a wall outlet. Ensure the appliance's power switch is ON. Verify the appliance's wattage/ampereage does not exceed the timer's specifications.
Random mode (RND) not working.	RND mode not activated.	Ensure 'RND' is displayed on the screen. If not, activate it by pressing and holding HOUR and MIN buttons simultaneously.

8. SPECIFICATIONS

Parameter	Value
Model Number	HET07

Parameter	Value
Operating Voltage	120VAC, 60Hz
Resistive Load	15A
Tungsten Load	1200W
Electronic Ballast/LED Load	5A or 600W
Standard Ballast	1200VA
Motor	1/2 HP
Product Dimensions (L x W x H)	2.76 x 2.83 x 1.26 inches
Weight	9.14 ounces
Certifications	UL Listed

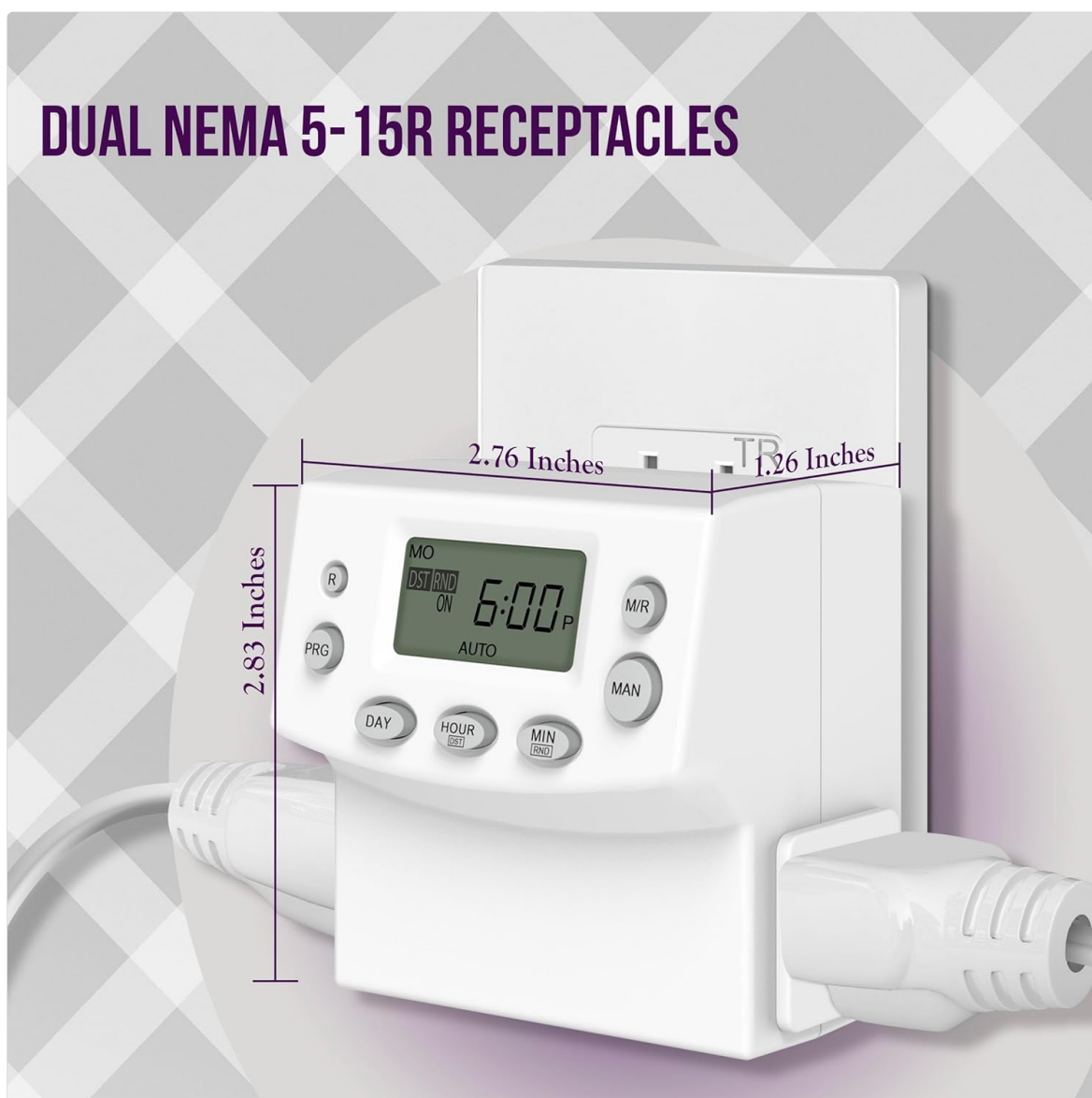


Figure 8.1: Product dimensions of the ENERLITES HET07 timer.

9. VIDEO GUIDE

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Video 9.1: An introductory video demonstrating the features and basic operation of the ENERLITES HET07 timer.

10. WARRANTY AND SUPPORT

ENERLITES provides a **1-year warranty** for the HET07 Digital Plug-in Programmable Timer from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For technical support, troubleshooting assistance, or warranty claims, please contact ENERLITES customer service. Refer to the product packaging or the official ENERLITES website for the most current contact information. Manufacturer: ENERLITES