

ENERLITES HET01-C-J-WWP

ENERLITES Programmable Digital Timer Switch (HET01-C-J-WWP) Instruction Manual

Model: HET01-C-J-WWP

1. INTRODUCTION

This manual provides detailed instructions for the installation, programming, and operation of your ENERLITES HET01-C-J-WWP Programmable Digital Timer Switch. This device is designed to automate the control of lights, fans, and motors, offering convenience and energy efficiency. Please read these instructions carefully before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- **WARNING:** To avoid fire, shock, or death, turn off power at the circuit breaker or fuse box and test that the power is off before wiring.
- Installation must be performed by a qualified electrician or a person with a thorough understanding of electrical wiring.
- This device is for single-pole applications only.
- A ground wire connection is required for safe operation.
- Do not use with loads exceeding the specified ratings: Resistive 15A/1800W, Tungsten 1200W, Fan motor 1/2HP, 120VAC, 60Hz.
- Ensure all wire connections are secure and properly insulated.
- This timer is intended for indoor use only.

3. PACKAGE CONTENTS

- ENERLITES HET01-C-J-WWP Programmable Digital Timer Switch
- Wall Plate
- Wire Nuts
- Instruction Manual

4. SPECIFICATIONS

Feature	Specification
Model Number	HET01-C-J-WWP
Operation Mode	ON-OFF
Current Rating	15 Amps
Operating Voltage	120 Volts (AC)
Frequency	60 Hz
Resistive Load	1800W
Tungsten Load	1200W
Fan Motor	1/2 HP
Wiring Type	Single Pole, No Neutral Wire Required, Ground Required
Timer Settings	Up to 18 ON/OFF settings per 7-day cycle
Backup Battery	Built-in Ni-MH battery (retains settings during power outages)
Certifications	UL Listed, cUL Listed
Dimensions (L x W x H)	1.7 x 1.47 x 2.75 inches

5. INSTALLATION

Before you begin: Ensure power is OFF at the circuit breaker. This device is designed for single-pole applications and does not require a neutral wire, but a ground wire is mandatory.

- Turn Off Power:** Locate the circuit breaker controlling the switch you are replacing and turn it OFF. Verify power is off using a voltage tester.
- Remove Old Switch:** Carefully remove the existing wall plate and unscrew the old switch from the wall box. Disconnect the wires from the old switch.
- Identify Wires:** In a typical single-pole setup without a neutral wire, you will find:
 - HOT (Line) Wire:** This wire brings power from the circuit breaker.
 - LOAD Wire:** This wire carries power to the light fixture or appliance.
 - GROUND Wire:** Typically bare copper or green insulated.

Note: If you are unsure about wire identification, consult a qualified electrician.
- Wire the Timer Switch:** Connect the wires from the wall box to the timer's terminals using the provided wire nuts.
 - Connect the **HOT (Line)** wire from the wall box to the timer's**HOT** terminal (usually black).
 - Connect the **LOAD** wire from the wall box to the timer's**LOAD** terminal (usually red).
 - Connect the **GROUND** wire from the wall box to the timer's**GROUND** terminal (green).

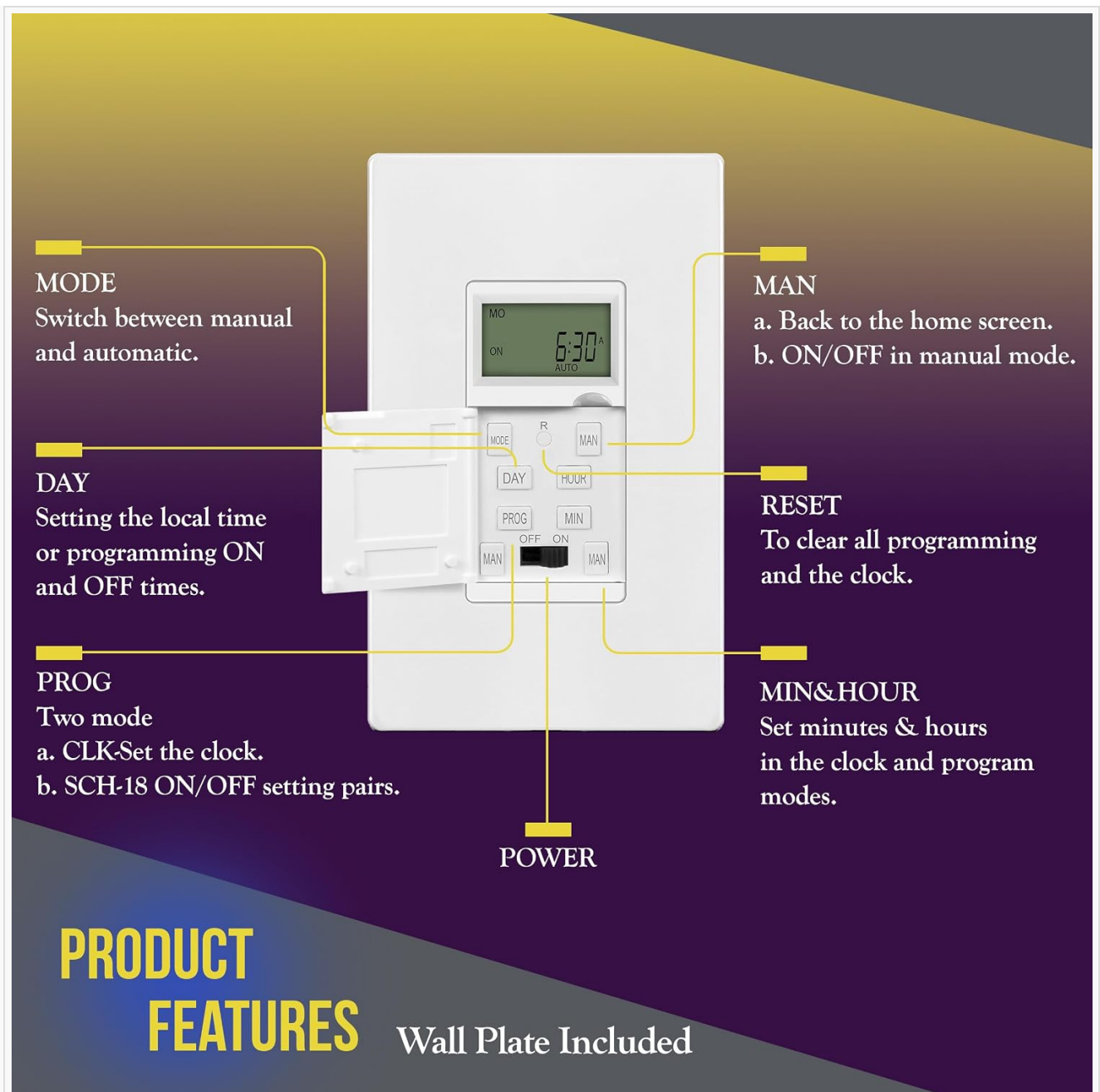


Image: Wiring diagram and button layout for the ENERLITES HET01-C-J-WWP timer switch. It illustrates the connections for Hot, Load, and Ground wires, and labels the various control buttons on the device.

5. **Mount the Switch:** Carefully push the wired switch into the wall box. Secure it with the mounting screws. Attach the wall plate.
6. **Restore Power & Warm-Up:** Turn the power back ON at the circuit breaker. The timer requires a warm-up period of 1-2 minutes after installation before the display activates and programming can begin. If the display does not appear immediately, wait for the specified warm-up time.

AUTOMATED AQUARIUM LIGHTING

Schedules Keep Your Aquarium Well Lit

WARM UP

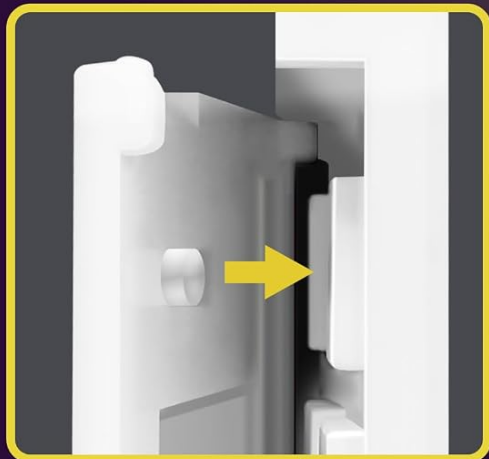
Wait 1-2 minutes for device
WARM-UP after installation

Programming Convenience

Image: The timer switch installed, highlighting the "Warm Up" requirement after initial power-up.

6. OPERATION AND PROGRAMMING

The timer features a digital display and several buttons for setting time and programs. The front cover can be opened to access the programming buttons.



Simple and Clear Design



**OPEN THE COVER TO
ACCESS MANUAL BUTTONS**

Image: The timer switch with its protective cover opened, showing the programming buttons.

6.1 Button Functions

- **MODE:** Switches between manual and automatic modes. Used to delete individual settings during programming.
- **DAY:** Sets the current day of the week. Used for programming ON and OFF times for specific days.
- **HOUR:** Sets the current hour. Used for programming ON and OFF times.
- **MIN:** Sets the current minute. Used for programming ON and OFF times.
- **PROG:** Enters programming mode to set the clock (CLK) and up to 18 ON/OFF setting pairs (SCH).
- **MAN (Manual Override):** Allows manual ON/OFF control of the connected load, overriding current program settings temporarily.
- **RESET (R):** Clears all programming and resets the clock. Use a small pointed object to press.
- **ON/OFF Switch:** A physical switch to manually turn the connected device ON or OFF.



Image: A comprehensive view of the timer's control panel, detailing the function of each button for setting and programming.

6.2 Setting Current Time and Day

1. Press the **DAY** button repeatedly to set the current day of the week.
2. Press the **HOUR** button repeatedly to set the current hour (AM/PM).
3. Press the **MIN** button repeatedly to set the current minute.
4. Ensure the display shows the correct AM/PM indicator.

6.3 Programming ON/OFF Schedules

The timer allows for up to 18 ON/OFF programs over a 7-day period. Programs can be set for specific days, weekdays, weekends, or daily.

1. Press the **PROG** button once to enter programming mode. The display will show "1 ON".
2. Press **DAY** to select the desired day(s) for this program (e.g., MO, TU, WE, TH, FR, SA, SU, or combinations like MO-FR, SA-SU, MO-SU).
3. Press **HOUR** and **MIN** to set the desired ON time for program 1.
4. Press **PROG** again. The display will show "1 OFF".
5. Press **DAY** to select the same day(s) as the ON time.
6. Press **HOUR** and **MIN** to set the desired OFF time for program 1.
7. Repeat steps 1-6 for additional programs (up to 18).
8. After setting all desired programs, press the **MODE** button to exit programming mode and return to normal operation. The display should show "AUTO".

6.4 Manual Override (MAN)

Press the **MAN** button to temporarily override the current program. This will switch the connected load ON or OFF. The timer will resume its programmed schedule at the next scheduled ON or OFF event.

6.5 Random Mode

The random mode feature can be used to deter intruders by turning lights ON and OFF at irregular intervals when you are away. Consult the full manual for specific instructions on activating and deactivating random mode, as it typically involves a combination of button presses.



Image: Illustrates the benefit of the random mode feature for home security while on vacation.

7. TROUBLESHOOTING

- **Display is blank after installation:**

The timer requires a 1-2 minute warm-up period after power is restored. If the display remains blank after this period, ensure the circuit breaker is ON and check wiring connections. Press the RESET button with a small pointed object.



Image: Explains potential issues if the warm-up period is skipped, such as no display, timer malfunction, or flickering lights.

- **Timer does not turn ON/OFF at scheduled times:**

Verify that the current time and day are set correctly. Check that the program settings (ON/OFF times and days) are entered accurately. Ensure the timer is in "AUTO" mode. If the issue persists, try resetting the timer using the RESET button and reprogramming.

- **Lights flicker or do not turn on with low-wattage loads:**

This can sometimes occur with certain LED or low-wattage loads. Ensure the total wattage of the connected load is within the timer's specifications. If flickering occurs, it may indicate an incompatibility or a need for a minimum load. Consult the manufacturer's support if the problem persists.

- **Timer resets unexpectedly:**

This could be due to a power fluctuation or incorrect wiring. Double-check all wiring connections, especially the HOT and LOAD wires. The built-in Ni-MH battery should retain settings during brief power outages, but prolonged outages or wiring issues can cause resets.

8. MAINTENANCE

- Clean the timer switch and wall plate with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Periodically check for loose connections or signs of wear.
- The internal Ni-MH battery is designed for long life and typically does not require replacement.

9. WARRANTY AND SUPPORT

This ENERLITES product comes with a 1-Year warranty. For technical support, warranty claims, or further assistance, please contact ENERLITES customer service. Refer to the ENERLITES website for contact information.

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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