DEWENWILS LTU08C

DEWENWILS Outdoor Timer Outlet Instruction Manual

Model: LTU08C
Brand: DEWENWILS

1. Introduction

Thank you for choosing the DEWENWILS Outdoor Timer Outlet. This device is designed to provide convenient and automated control over your outdoor lighting and electrical appliances. Featuring a built-in photocell sensor and multiple timer settings, it offers flexibility and energy efficiency for various applications, including holiday decorations, string lights, and garden features. This manual provides detailed instructions for safe installation, operation, and maintenance of your timer outlet.



Image 1.1: DEWENWILS Outdoor Timer Outlet with two grounded outlets and a control dial.

2. Product Overview and Features

The DEWENWILS Outdoor Timer Outlet is engineered for durability and ease of use, offering robust features for reliable outdoor power management.

- **Auto Control:** Equipped with a built-in photocell sensor, the timer can automatically turn connected devices on at dusk and off at dawn. It also supports timed shutdowns after 2, 4, 6, or 8 hours from dusk.
- **Dual Grounded Outlets:** Controls two grounded outlets simultaneously, providing power for multiple devices.
- **Weatherproof Design:** Constructed with waterproof materials to withstand rain and snow, ensuring reliable operation in outdoor environments.
- **Simple Operation:** No complex programming required. A single rotary dial allows for easy selection of desired timer modes.
- **ETL Certified:** Built with heavy-duty, fire-resistant PPE material and 14AWG SJTW wire, ensuring safety and durability.



Image 2.1: Diagram illustrating the seven timer functions: Always On, Always Off, Dusk to Dawn, and Sensor Countdown (2Hr, 4Hr, 6Hr, 8Hr).



Image 2.2: Close-up view of the two grounded outlets on the timer, indicating 15 Amps, 125 Volts, 1875 Watts, and 1/2 HP ratings.

3. Safety Information

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Rating:** Do not exceed the electrical rating of 125V, 60Hz, 15A, 1875W. Overloading the timer can cause overheating and fire.

- **Outdoor Use:** This timer is designed for outdoor use. For optimal weather protection, install the unit vertically with the outlets facing downwards, at least 2 feet (0.6 meters) above the ground. This prevents water from entering the outlets.
- **Grounding:** Always plug the timer into a grounded 3-prong outlet. Do not remove the grounding prong.
- **Water Immersion:** Do not immerse the timer in water or expose it to direct water jets. While weatherproof, it is not submersible.
- **Children and Pets:** Keep the timer and connected cords out of reach of children and pets.
- **Maintenance:** Do not attempt to disassemble or repair the timer. Refer all servicing to qualified personnel.
- **Cord Protection:** Ensure power cords are not pinched, walked on, or damaged. Inspect cords regularly for wear or damage.



Image 3.1: The timer shown installed vertically outdoors during rainfall, emphasizing its waterproof design and the recommendation to mount it at least 2 feet off the ground.



Image 3.2: Illustration highlighting the thermo-resistant and flame-retardant properties of the timer's PPE+PS shell material (V-1 flame retardant rating) and SJTW 14/3C AWG wire (VW-1 flame retardant rating).

4. Setup Instructions

Setting up your DEWENWILS Outdoor Timer Outlet is quick and easy.

1. **Choose Location:** Select a suitable outdoor location that is protected from direct heavy rain and where the photocell sensor will receive natural light (not obstructed by shadows or artificial light sources at night).

2. **Mounting (Recommended):** For best performance and water protection, mount the timer vertically at least 2 feet (0.6 meters) above the ground using the integrated mounting hole. Ensure the outlets face downwards.
3. **Plug In:** Plug the timer's power cord into a grounded 3-prong outdoor electrical outlet.
4. **Connect Devices:** Plug your outdoor lights or appliances into the two grounded outlets on the timer. Ensure the total wattage of connected devices does not exceed 1875W.

5. Operating Instructions

The timer features a simple rotary dial for selecting different operating modes.



Image 5.1: A hand adjusting the rotary dial on the timer, demonstrating its simple operation.

To select a mode, rotate the dial clockwise or counter-clockwise to align the indicator with your desired setting:

- **OFF:** The connected devices will remain off.
- **ON:** The connected devices will remain continuously on, regardless of light conditions.
- **Dusk-Dawn:** The timer will automatically turn on connected devices when it gets dark (dusk) and turn them off when it gets light (dawn). This mode utilizes the built-in photocell sensor.
- **2Hr / 4Hr / 6Hr / 8Hr (Sensor Countdown):** The timer will turn on connected devices at dusk and automatically turn

them off after the selected duration (2, 4, 6, or 8 hours). This cycle repeats daily.



Image 5.2: Visual representation of the Dusk to Dawn function, showing lights turning on automatically at dusk and off at dawn.

Power Outage Memory: The timer is designed to restore its last setting after a power outage, ensuring continuous operation without needing to reset.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your DEWENWILS Outdoor Timer Outlet.

- **Cleaning:** Disconnect the timer from the power source before cleaning. Wipe the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the timer and its cords for any signs of damage, wear, or corrosion. If any damage is found, discontinue use and replace the unit.
- **Storage:** When not in use for extended periods, store the timer in a cool, dry place, away from direct sunlight and extreme temperatures.

7. Troubleshooting

If you encounter issues with your timer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Timer not turning on/off	No power to the outlet; Timer dial set to OFF; Photocell obstructed or in too much light (for Dusk-Dawn modes); Overloaded circuit.	Check the power source; Ensure the dial is set to the desired ON or timer mode; Relocate the timer or clear obstructions from the photocell; Reduce the load on the timer.
Lights stay on continuously	Timer dial set to ON; Photocell not detecting darkness (for Dusk-Dawn modes).	Rotate the dial to a timer mode (Dusk-Dawn, 2Hr, 4Hr, etc.); Ensure the photocell is not exposed to artificial light at night (e.g., streetlights, porch lights).
Lights turn on/off at incorrect times	Photocell sensitivity affected by ambient light; Timer not mounted vertically.	Ensure the photocell is not in a shaded area during the day or exposed to artificial light at night; Verify the timer is mounted vertically with outlets facing down.

Problem	Possible Cause	Solution
No power from outlets	Timer not plugged in; Circuit breaker tripped; Timer malfunction.	Ensure the timer is securely plugged into a live outlet; Check your home's circuit breaker; If issues persist, contact customer support.

8. Specifications

Attribute	Value
Model Number	LTU08C
Product Dimensions	6 x 3 x 2 inches
Item Weight	7.8 ounces
Electrical Rating	125V, 60Hz, 15A, 1875W
Number of Outlets	2 Grounded Outlets
Material	Plastic (PPE+PS), Copper
Color	Black
Certifications	ETL Listed
Country of Origin	China

9. Warranty and Support

DEWENWILS products are designed and manufactured to the highest quality standards. For information regarding warranty coverage or technical support, please refer to the product packaging or visit the official DEWENWILS website. If you require assistance with troubleshooting or have questions about your product, please contact DEWENWILS customer service directly.

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