DEWENWILS HODT12G

DEWENWILS Outdoor Timer Outlet with Remote Control

Model: HODT12G User Manual

1. Introduction

Thank you for choosing the DEWENWILS Outdoor Timer Outlet. This device is designed to provide automated control for your outdoor electrical appliances, such as lights, pumps, and sprinklers. It features 11 programmable modes, including photocell (dusk-to-dawn) and countdown functions, along with a convenient 100ft remote control. Its waterproof and durable design ensures reliable operation in various outdoor conditions.

This manual provides essential information for the safe and efficient use of your outdoor timer. Please read it thoroughly before installation and operation.



Figure 1.1: DEWENWILS Outdoor Timer Outlet (Model HODT12G) and its remote control.

2. Safety Information

To ensure safe operation and prevent damage, please observe the following safety precautions:

- **Electrical Hazard:** Always ensure the timer is unplugged before performing any installation, maintenance, or cleaning.
- **Proper Installation:** Install the timer vertically with the outlets facing downwards, at least 2 feet (0.6 meters) above the ground, to prevent water ingress and ensure proper drainage.
- **Outdoor Use Only:** This timer is designed for outdoor use. Ensure all connected devices are also rated for outdoor use.

- **Load Capacity:** Do not exceed the maximum electrical rating of 15A, 125V, 60Hz (1875W). Overloading can cause overheating and fire hazards.
- **Grounding:** The timer features 2 grounded outlets. Always use grounded plugs and ensure proper grounding for all connected appliances.
- **Water Exposure:** While waterproof, avoid submerging the unit in water. Ensure the protective covers for unused outlets are securely closed.
- **Children and Pets:** Keep the device out of reach of children and pets.



Figure 2.1: Proper vertical installation of the timer, at least 2 feet above ground, to maintain weatherproof integrity.

3. Package Contents

- 1 x DEWENWILS Outdoor Timer Outlet (Model HODT12G)
- 1 x Remote Control
- 1 x CR2032 Battery (pre-installed in remote)
- 1 x User Manual (this document)

4. Product Overview

Familiarize yourself with the components of your DEWENWILS Outdoor Timer Outlet and its remote control.



Figure 4.1: Key features of the DEWENWILS Outdoor Timer Outlet.

4.1 Timer Unit

- **Power Sensor/Indicator Lights:** Displays current mode (ON, OFF, D2D, 2H, 4H, 6H, 8H).
- **Manual Button:** Cycles through modes or turns the unit ON/OFF manually.
- **Photocell Sensor:** Detects ambient light for dusk-to-dawn operations.
- **Grounded Outlets (x2):** For connecting outdoor appliances.

- **Power Cord:** Heavy-duty 6" SJTW 14/3C grounding wire.

4.2 Remote Control

- **ON/OFF Button:** Manually turns the connected devices ON or OFF.
- **D2D Button:** Activates Dusk-to-Dawn mode.
- **2H/4H/6H/8H Buttons:** Activates countdown modes (2, 4, 6, or 8 hours).
- **Battery Compartment:** Houses the CR2032 battery.

5. Setup

5.1 Remote Control Battery Installation

The remote control comes with a pre-installed CR2032 battery. If the remote is not responding, you may need to replace the battery.

1. Locate the battery compartment on the back of the remote control.
2. Slide open the battery cover.
3. Remove the old CR2032 battery and insert a new one, ensuring the positive (+) side faces up.
4. Close the battery cover securely.

5.2 Timer Unit Installation

1. **Choose a Location:** Select an outdoor location that is protected from direct heavy rain or snow, if possible. Ensure the photocell sensor is not obstructed by objects or artificial light sources (e.g., porch lights) that could interfere with its operation.
2. **Mount Vertically:** Mount the timer vertically with the outlets facing downwards. This is crucial for water drainage and maintaining its waterproof rating.
3. **Height Requirement:** Install the timer at least 2 feet (0.6 meters) above the ground.
4. **Plug In:** Connect the timer's power plug into a grounded outdoor electrical outlet.
5. **Connect Appliances:** Plug your outdoor lights, pumps, or other appliances into the two grounded outlets on the timer. Ensure the total wattage does not exceed 1875W.



Figure 5.1: The timer features flat plugs for enhanced waterproof performance when connected to a compatible outdoor socket.

6. Operating Instructions

The DEWENWILS Outdoor Timer offers 11 operating modes, controllable via the manual button on the unit or the remote control.

6.1 Understanding the 11 Timer Modes



Figure 6.1: Overview of the 11 available timer functions.

- **Always ON:** The connected devices will remain continuously powered.
- **Always OFF:** The connected devices will remain continuously unpowered.
- **Dusk to Dawn (D2D):** The timer will turn on at dusk and turn off at dawn, based on the photocell sensor.
- **Dusk to Dawn + Countdown (2H, 4H, 6H, 8H):** The timer will turn on at dusk and automatically turn off after 2, 4, 6, or 8 hours, respectively. This mode utilizes the photocell sensor.
- **Direct Countdown (2H, 4H, 6H, 8H):** The timer will turn on immediately when selected and automatically turn off after 2, 4, 6, or 8 hours, regardless of ambient light.

6.2 Using the Remote Control

The remote control allows you to operate the timer from up to 100 feet away, even through walls and glass.

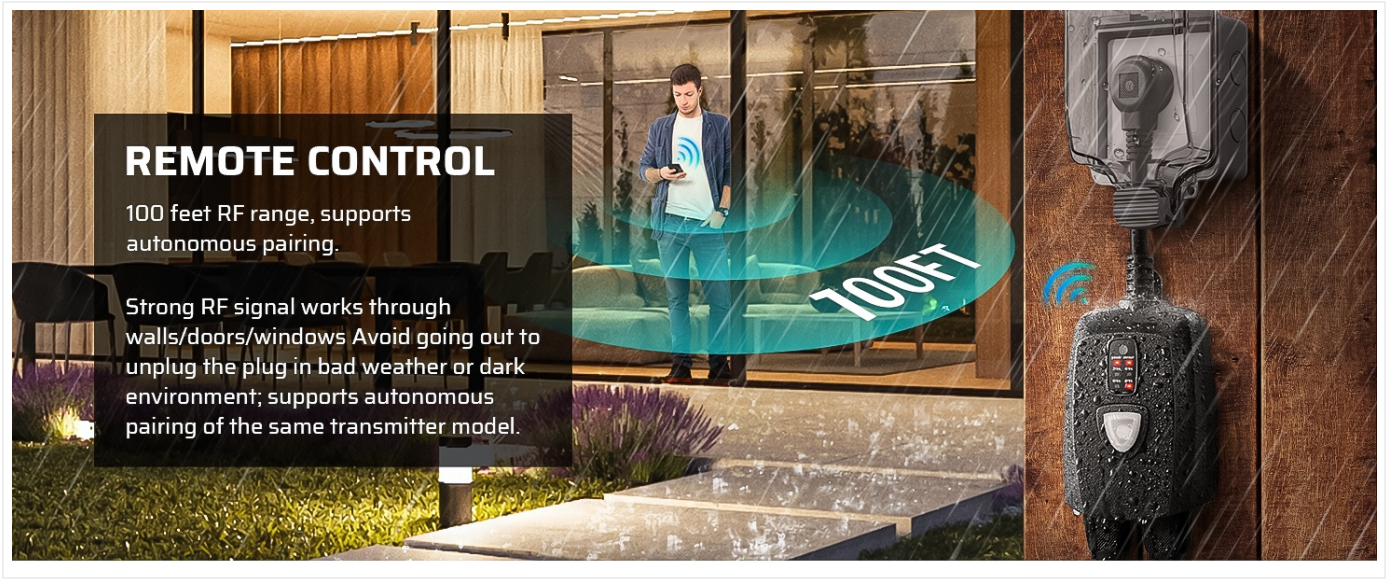


Figure 6.2: Remote control functionality with 100ft RF range.

- **ON/OFF:** Press this button to manually turn the connected devices ON or OFF.
- **D2D:** Press this button to activate the Dusk-to-Dawn mode. The corresponding indicator light on the timer will illuminate.
- **2H/4H/6H/8H:** Press one of these buttons to activate the respective countdown mode. The timer will turn on at dusk and turn off after the selected duration (e.g., 2 hours). The corresponding indicator light will illuminate.

Note: The remote control supports flexible pairing, allowing multiple DEWENWILS timers of the same model to be controlled by a single remote, or a single timer by multiple remotes.

6.3 Using the Manual Button on the Timer Unit

The large button on the timer unit allows for manual cycling through the operating modes.

- Press the manual button repeatedly to cycle through the available modes (ON, OFF, D2D, 2H, 4H, 6H, 8H).
- The illuminated indicator light next to the mode name will show the currently selected mode.

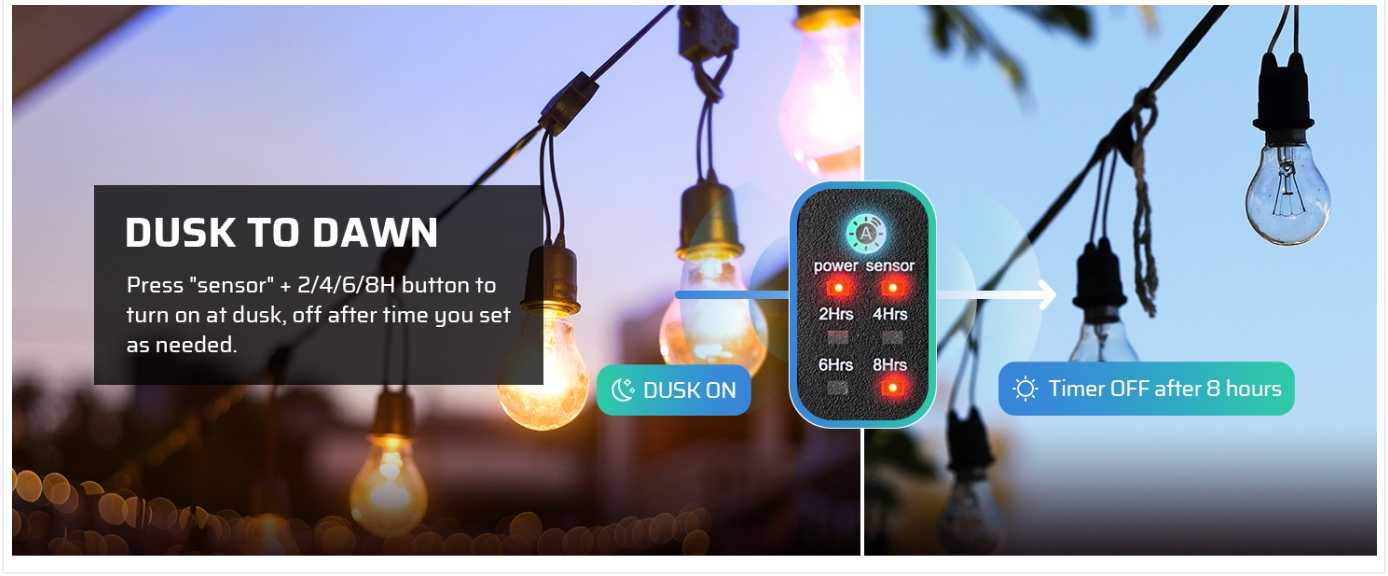


Figure 6.3: Example of Dusk to Dawn operation with a set off time.



Figure 6.4: Example of Direct Countdown operation.

7. Maintenance

7.1 Cleaning

To clean the timer unit, first unplug it from the power source. Use a soft, damp cloth to wipe the exterior. Do not use harsh chemicals or abrasive cleaners. Ensure the unit is completely dry before plugging it back in.

7.2 Remote Control Battery Replacement

Refer to Section 5.1 for instructions on replacing the CR2032 battery in the remote control.

7.3 Storage

When not in use for extended periods, unplug the timer and store it in a cool, dry place away from direct sunlight and extreme temperatures.

8. Troubleshooting

Problem	Possible Cause	Solution
Timer not turning ON/OFF.	No power to the unit. Incorrect mode selected. Connected appliance is faulty.	Check the wall outlet and circuit breaker. Verify the indicator light shows the desired mode. Cycle through modes using the manual button or remote. Test the appliance by plugging it directly into a working outlet.
Remote control not working.	Dead battery. Out of range. Interference.	Replace the CR2032 battery (see Section 5.1). Move closer to the timer unit (within 100ft). Ensure no large metal objects or strong radio signals are blocking the signal.
Dusk-to-Dawn mode not functioning correctly.	Photocell sensor obstructed. Photocell sensor exposed to artificial light.	Ensure the photocell sensor is clear of debris and obstructions. Relocate the timer away from porch lights, streetlights, or other artificial light sources that could prevent it from detecting darkness.
Timer unit appears wet or damaged.	Improper installation. Extreme weather conditions.	Ensure the timer is installed vertically with outlets facing down and at least 2 feet above ground. If damage is visible, discontinue use and contact customer support.

9. Specifications

- **Model:** HODT12G
- **Input Voltage:** 125V AC, 60Hz
- **Max Current:** 15A
- **Max Power:** 1875W
- **Outlets:** 2 Grounded Outlets
- **Cord Length:** 6 inches (SJTW 14/3C)
- **Remote Control Range:** Up to 100 feet (30 meters)
- **Remote Battery:** CR2032 (included)
- **Material:** Plastic (PBT)
- **Dimensions:** 5.75"D x 4.13"W x 1.89"H
- **Item Weight:** 7.4 ounces
- **Certifications:** FCC Listed
- **Operating Temperature:** -4°F to 122°F (-20°C to 50°C)



Figure 9.1: Illustration of the high-quality all-copper wire used in the timer for durability and safety.

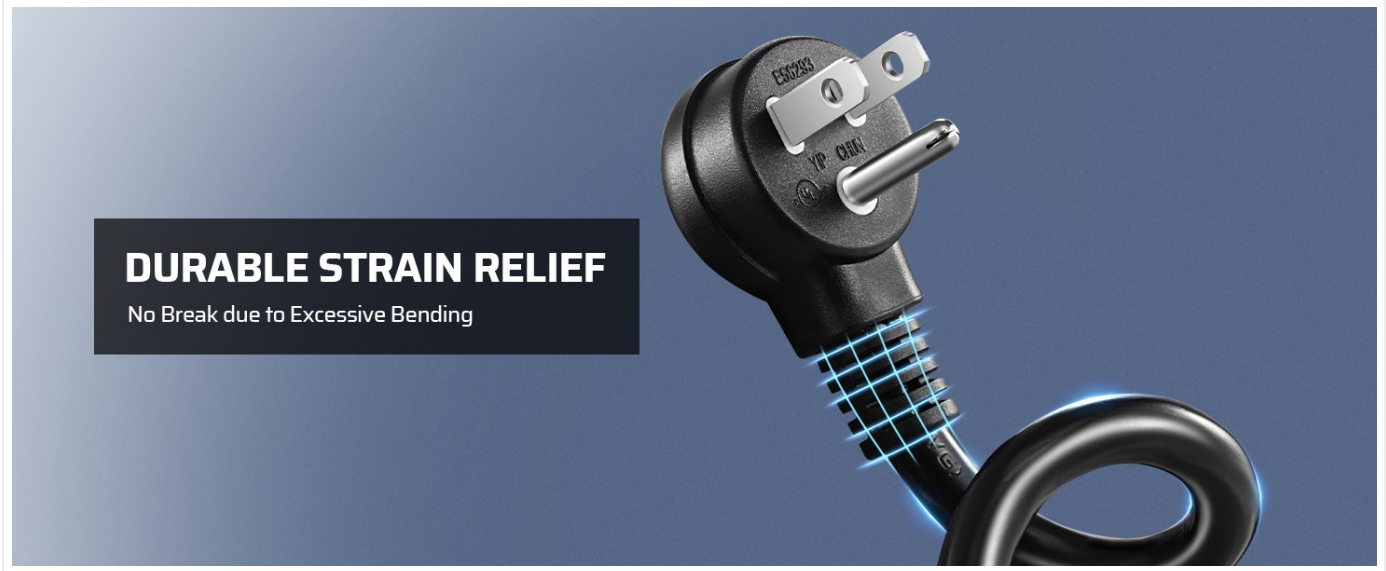


Figure 9.2: Durable strain relief design for enhanced cord longevity.

10. Warranty and Support

DEWENWILS products are designed and manufactured to high-quality standards. For warranty information or technical support, please contact DEWENWILS customer service. Details can typically be found on the product packaging or the official DEWENWILS website.

When contacting support, please have your product model number (HODT12G) and purchase information readily available.

Website: www.dewenwils.com

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