DEWENWILS Dial

DEWENWILS Outdoor Mechanical Light Timer (Dial) Instruction Manual

Model: Dial

1. Product Overview

The DEWENWILS Outdoor Mechanical Light Timer (Dial model) is a robust and easy-to-use device designed to automate the control of your outdoor lighting and other electrical appliances. Featuring a 24-hour daily repeat cycle and two grounded outlets, this timer provides convenience and energy efficiency for various indoor and outdoor applications.



Figure 1: DEWENWILS Outdoor Mechanical Light Timer (Dial model).

2. Setup and Installation

2.1 Setting the Current Time

1. Rotate the entire dial clockwise until the current time aligns with the arrow indicator on the timer's face. The dial features a 24-hour format with white for daytime hours and black for nighttime hours.

2.2 Programming On/Off Times

The timer features 48 pins around the dial, each representing a 30-minute interval. To program your desired schedule:

1. **To turn ON a device:** Push the pins down for the desired ON duration. Each pushed-down pin corresponds to 30 minutes of power.
2. **To turn OFF a device:** Pull the pins up for the desired OFF duration. Each pulled-up pin corresponds to

30 minutes without power.



Figure 2: Adjusting the timer pins for desired ON/OFF intervals.

2.3 Mode Selection

A manual override switch is located on the side of the timer, allowing you to select between two operating modes:

- **TIMER Mode:** Slide the switch to the 'TIMER' position. The timer will operate according to the programmed ON/OFF pins.
- **ON Mode:** Slide the switch to the 'ON' position. The connected devices will remain continuously powered, bypassing the programmed schedule.



Figure 3: The timer features both 'TIMER' and 'ON' modes for flexible control.

2.4 Connecting Devices

1. Plug the timer into a standard 125V, 60Hz grounded outdoor outlet.
2. Plug your outdoor lighting or other appliances into the two grounded outlets located at the bottom of the timer.

3. Operating Instructions

Once set up, the timer will automatically cycle through your programmed schedule daily. The dial continuously rotates, activating or deactivating the connected devices based on the position of the pins.



Figure 4: The timer operates on a 24-hour daily repeat cycle, ensuring consistent automation.

4. Maintenance and Safety

4.1 Weather Protection

The timer is designed for outdoor use and features a protective cover to shield the dial from weather conditions. For optimal performance and safety, ensure the cover is securely closed after programming.

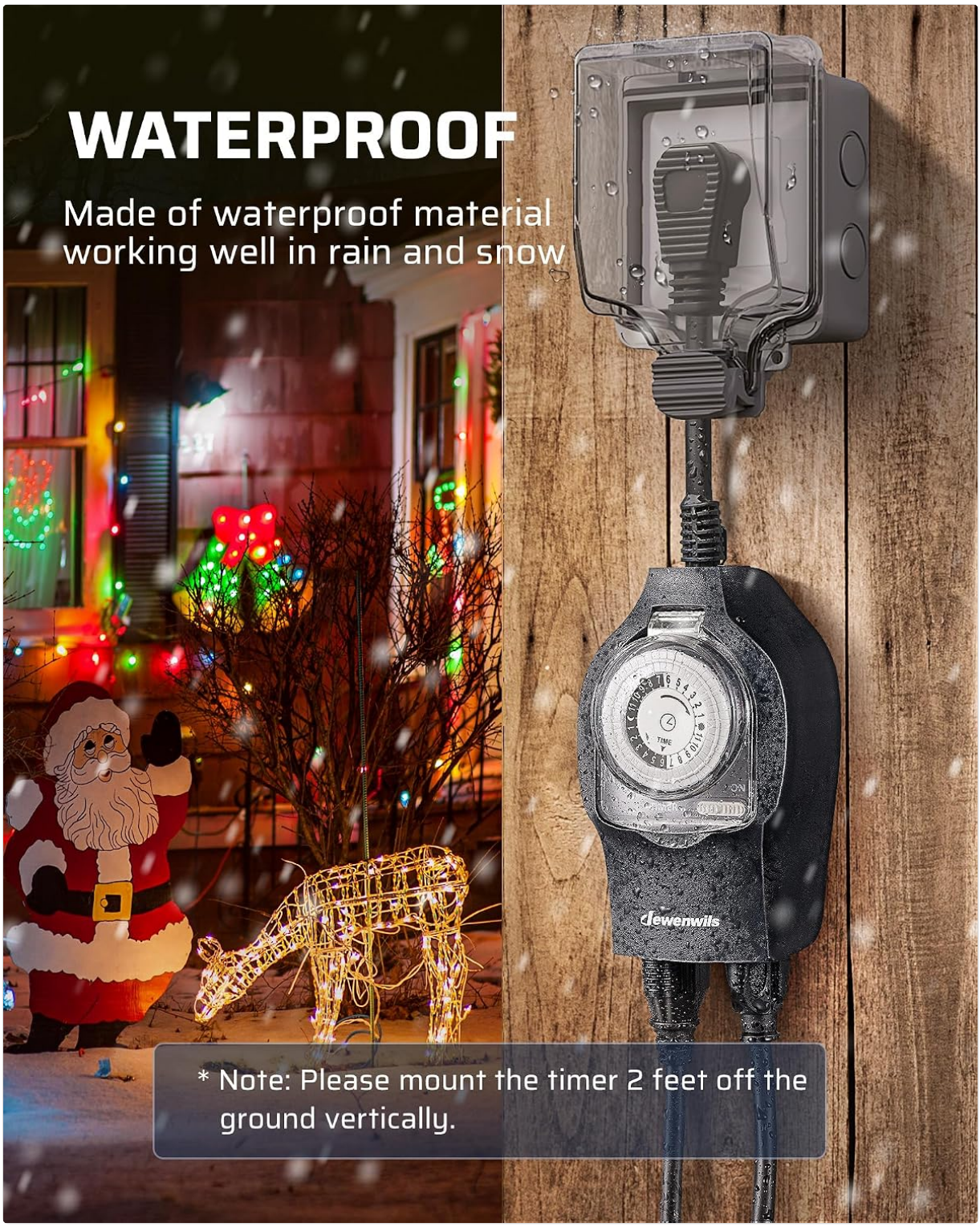


Figure 5: The timer is made of heavy-duty, waterproof material. For best results, mount the timer at least 2 feet off the ground vertically.

4.2 Overload Protection

The timer includes overload protection, which will automatically cut off power if the connected load exceeds the rated capacity (15A, 1875W). This feature safeguards your electrical safety.



Figure 6: The timer features overload protection up to 1875W for enhanced safety.

4.3 UL Listing

This DEWENWILS timer is UL listed, ensuring it meets recognized safety standards.



Figure 7: The timer is UL listed, indicating compliance with safety standards.

5. Troubleshooting

If your timer is not functioning as expected, please check the following:

- **Power Connection:** Ensure the timer is securely plugged into a live outlet.
- **Mode Switch:** Verify that the manual override switch is set to 'TIMER' mode for programmed operation.
- **Pin Settings:** Double-check that the correct pins are pushed down for ON times and pulled up for OFF times according to your desired schedule.
- **Current Time:** Confirm that the dial is rotated to accurately reflect the current time.
- **Overload:** If the timer has tripped due to overload, reduce the total wattage of connected devices and reset the timer.

6. Specifications

Feature	Specification
Brand	DEWENWILS
Model	Dial
Color	Black
Material	PBT
Product Dimensions	6.6"D x 12.95"W x 18.29"H
Number of Settings	48 (30-minute intervals)
Rate Voltage	125V
Frequency	60Hz
Max Current	15A
Max Wattage	1875W (Resistive or General Purpose)
Horsepower (HP)	1/2HP
Certifications	UL Listed, TV-5
Item Weight	10.4 ounces
UPC	611901251622

7. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact DEWENWILS customer service directly. Keep your purchase receipt for any warranty claims.

© 2025 DEWENWILS. All rights reserved.