DEWENWILS HORD01A1

DEWENWILS HORD01A1 Outdoor Dimmer for String Lights User Manual

Model: HORD01A1

1. Safety Information

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Hazard:** This device operates on 125V AC. Ensure power is disconnected before installation or servicing.
- **Outdoor Use:** This dimmer is rated for outdoor use (IP44). Ensure all connections are secure and protected from direct water exposure.
- **Load Capacity:** Do not exceed the maximum load of 200W for dimmable LED bulbs or 400W for tungsten bulbs. Overloading can cause overheating and fire.
- **Compatibility:** Only use with dimmable LED or tungsten bulbs. Non-dimmable bulbs may flicker or be damaged.
- **Grounding:** Always use with a grounded outlet.
- **Children:** Keep out of reach of children.

2. Product Overview

The DEWENWILS HORD01A1 is a weatherproof outdoor dimmer designed to control the brightness of string lights and other compatible lighting fixtures. It features two grounded outlets and a wireless remote control for convenient operation up to 100 feet away.



Image 2.1: The DEWENWILS HORD01A1 outdoor dimmer unit with its remote control.

Package Contents:

- Outdoor Dimmer Unit (1)
- Remote Control (1)
- CR2032 3V Battery (pre-installed in remote)
- User Manual (this document)

Key Features:

- **Weatherproof Design:** IP44 rated for protection against solid objects and splashes of water.
- **Remote Control:** Operates wirelessly up to 100 feet (30 meters) with no interference.
- **Adjustable Brightness:** Offers full-range stepless dimming for creating various ambiances.
- **Dual Outlets:** Two grounded AC outlets to control multiple light strings simultaneously.
- **Wide Compatibility:** Suitable for dimmable LED (up to 200W) and Tungsten (up to 400W) bulbs.

3. Setup

Follow these steps to set up your DEWENWILS outdoor dimmer.

3.1 Installation Location

Choose a suitable outdoor location for the dimmer unit. Ensure it is protected from direct heavy rain and is easily accessible for connecting your lights. The unit features a flat plug and mounting hole for flexible placement.



Image 3.1: Detail of the dimmer unit's flat plug and mounting hole for installation.

3.2 Connecting the Dimmer

1. Plug the dimmer unit into a standard 125V grounded outdoor electrical outlet.
2. Connect your dimmable string lights or other compatible lighting fixtures into the two grounded outlets on the dimmer unit. Ensure the total wattage does not exceed the specified limits (200W LED / 400W Tungsten).



Image 3.2: The dimmer unit with two grounded outlets, ready for connecting lights.

3.3 Remote Control Pairing (if needed)

The remote control is typically pre-paired. If the remote does not control the dimmer unit, follow these steps to pair it:

1. Ensure the dimmer unit is plugged into a power outlet.
2. Press and hold the manual button on the dimmer unit for approximately 3-5 seconds until the indicator light starts flashing.
3. While the indicator light is flashing, press any button on the remote control. The indicator light on the dimmer unit should stop flashing and remain solid, indicating successful pairing.

4. Operating Instructions

The DEWENWILS outdoor dimmer offers both remote and manual control options.

4.1 Using the Remote Control

The remote control allows you to operate the dimmer from up to 100 feet away, even through walls or obstacles.



Image 4.1: Remote control in use, demonstrating its 100ft operating range.

- **ON Button:** Press to turn the connected lights ON.
- **OFF Button:** Press to turn the connected lights OFF.
- **UP Button:** Press to increase the brightness of the lights.
- **DOWN Button:** Press to decrease the brightness of the lights.



Image 4.2: The dimmer provides full-range stepless dimming for precise brightness control.

4.2 Using the Manual Button

The manual button on the dimmer unit provides basic ON/OFF functionality.

- **Single Press:** Press the button once to toggle the connected lights ON or OFF.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your dimmer.

5.1 Cleaning

- Ensure the dimmer unit is unplugged from the power source before cleaning.
- Wipe the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the unit is completely dry before plugging it back in.

5.2 Remote Battery Replacement

The remote control uses a CR2032 3V battery. If the remote's range decreases or it stops responding, replace the battery:

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

5.3 Storage

When not in use for extended periods, store the dimmer unit and remote in a cool, dry place away from direct sunlight and extreme temperatures.

6. Troubleshooting

If you encounter issues with your DEWENWILS outdoor dimmer, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Lights do not turn ON/OFF or dim.	No power to the dimmer unit. Remote control battery is dead. Remote control is not paired. Bulbs are not dimmable. Overload.	Check the power outlet and circuit breaker. Replace the CR2032 battery in the remote. Re-pair the remote control (see Section 3.3). Ensure bulbs are explicitly labeled as dimmable. Reduce the total wattage of connected lights.
Lights flicker or hum.	Incompatible bulbs. Minimum load not met (for some LED bulbs). Loose connection.	Ensure bulbs are dimmable LED or tungsten. Try connecting more bulbs or a different type of dimmable bulb. Check all connections to ensure they are secure.
Remote control range is reduced.	Low remote battery. Obstructions. Interference.	Replace the CR2032 battery. Ensure a clear line of sight or reduce distance if possible. Move away from other wireless devices if interference is suspected.
Dimmer does not turn on with wall switch.	This dimmer requires its own ON command.	The dimmer unit will not automatically turn on when power is restored via a wall switch. It requires a press of the ON button on the remote or the manual button on the unit to activate. This is normal operation.

7. Specifications

Technical specifications for the DEWENWILS HORD01A1 Outdoor Dimmer.

Feature	Specification
Model Number	HORD01A1
Product Dimensions	4.13 x 5.75 x 1.73 inches
Weight	8.15 ounces
Operating Voltage	125 Volts AC
Current Rating	2.5 Amps
Max Load (Dimmable LED)	200 Watts
Max Load (Tungsten)	400 Watts
Remote Control Range	Up to 100 feet (30 meters)
Weatherproof Rating	IP44
Remote Battery Type	CR2032 3V
Outlets	2 Grounded Outlets
Certifications	FCC Listed



Image 7.1: Dimensions of the dimmer unit and remote control.



Image 7.2: The IP44 rating ensures protection against dust and water splashes.

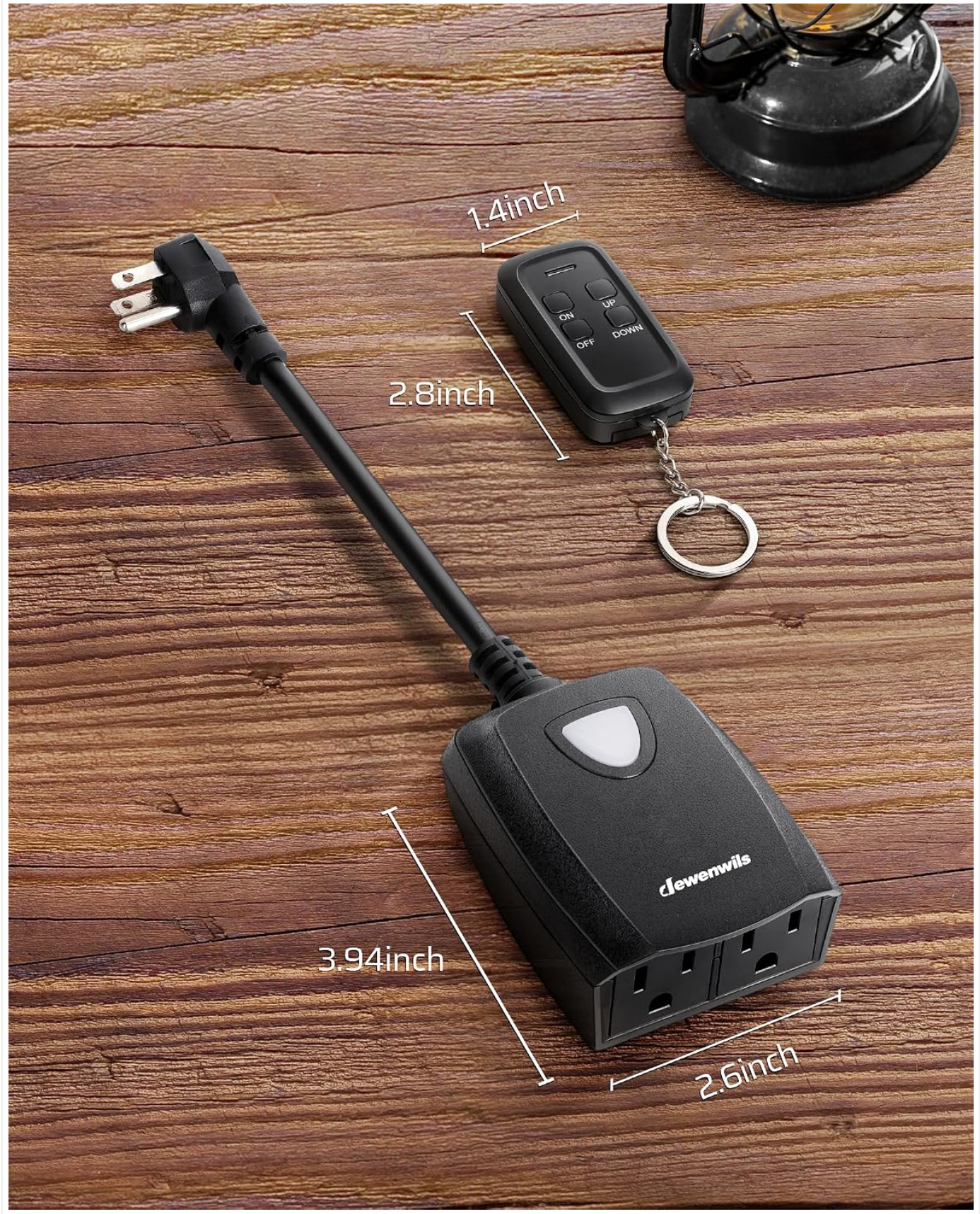


Image 7.3: Bulb compatibility and maximum wattage for the dimmer.

8. Warranty and Support

DEWENWILS products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official DEWENWILS website.

- **Online Support:** Visit DEWENWILS Store on Amazon for product information and support resources.
- **Customer Service:** For further assistance, please contact DEWENWILS customer service.

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Question

Example: How do I reset this device or fix this error?

Details

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