DEWENWILS Digital Timer Outlet and Digital Temperature Controller

DEWENWILS Digital Timer Outlet and Digital Temperature Controller User Manual

Model: Digital Timer Outlet and Digital Temperature Controller

Introduction

This manual provides detailed instructions for the DEWENWILS Digital Timer Outlet and the DEWENWILS Digital Temperature Controller. These devices are designed to automate and control electrical appliances and environmental temperatures, respectively. Please read this manual thoroughly before use to ensure proper operation and safety.



Image: The DEWENWILS Digital Timer Outlet (left) and Digital Temperature Controller (right).

Important Safety Instructions

- Read all instructions before using the device.
- Do not immerse the device in water or any other liquid.
- Do not operate the device with a damaged cord or plug.
- Do not disassemble the device. Refer all servicing to qualified service personnel.
- Ensure the total load of connected appliances does not exceed the maximum power rating (15A/1800W).
- Keep out of reach of children.
- For indoor use only.

Product Overview

Digital Timer Outlet

The Digital Timer Outlet allows you to program ON/OFF cycles for connected appliances, providing automated control and energy savings.

- **Display:** Shows current time, program status (ON/AUTO/OFF).

- **Buttons:** Time, Prog, Hour, Min.
- **Side Switch:** For selecting ON, AUTO, or OFF modes.



Image: Close-up of the Digital Timer Outlet showing the display and side switch for Auto/Manual control.

Digital Temperature Controller

The Digital Temperature Controller provides precise temperature management for various applications, featuring a wide control range and multiple functions.

- **VA Display:** Shows measured temperature, start temperature, stop temperature.

- **Buttons:** SET, FUN, UP, DOWN.
- **Temperature Probe:** For accurate temperature measurement.



Image: Diagram illustrating the button functions and display elements of the Digital Temperature Controller.

Installation and Setup

Digital Timer Outlet

1. **Initial Charge:** Plug the timer into a wall outlet for at least 30 minutes to charge the internal backup battery. This

ensures settings are retained during power outages.

2. **Set Current Time:**
    - Press the **Time** button.
    - Use the **Hour** and **Min** buttons to adjust the current time.
    - Press **Time** again to confirm.
3. **Plug in Appliance:** Connect the appliance you wish to control into the timer outlet.

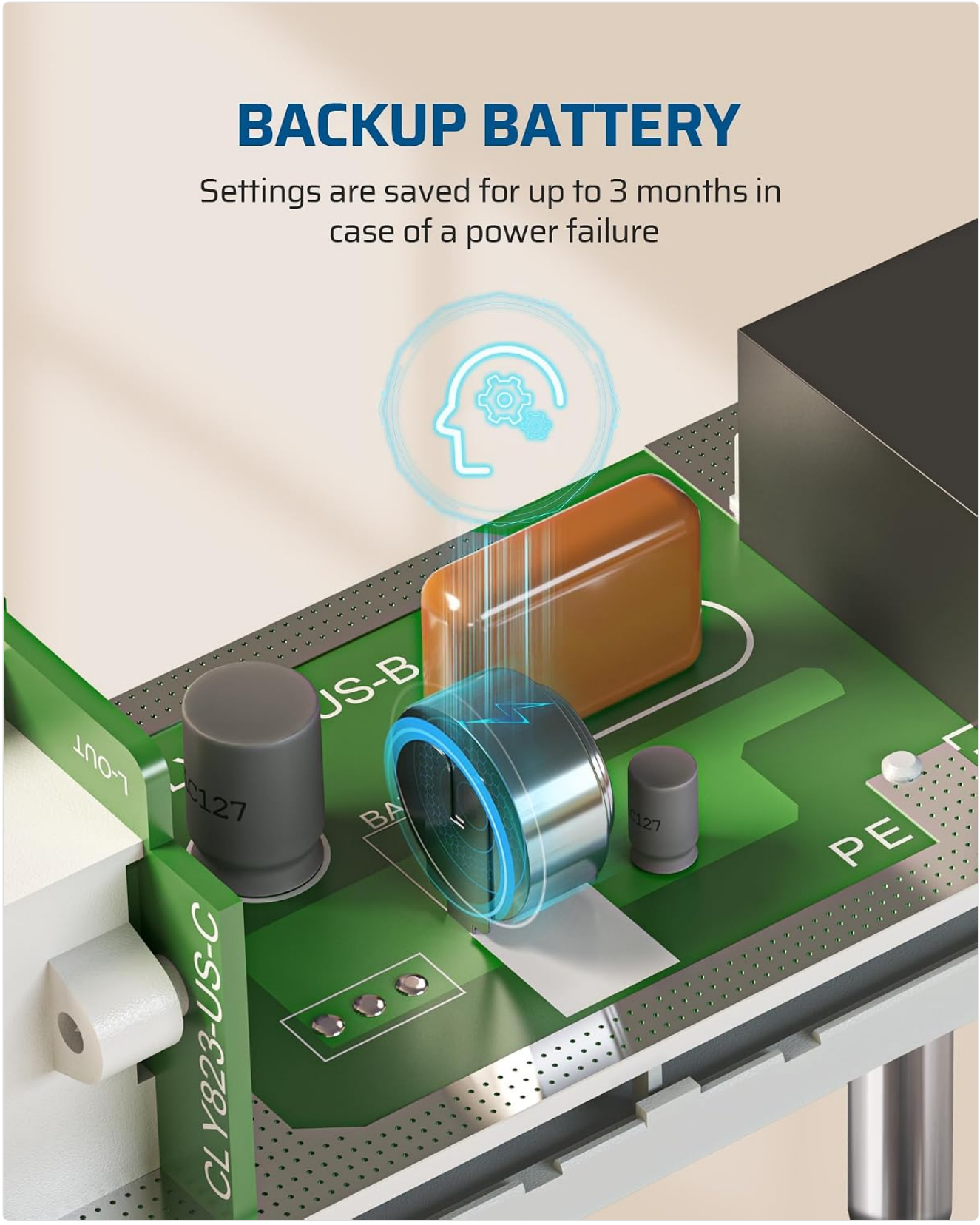


Image: Illustration of the timer's internal backup battery, which saves settings for up to 3 months during power failures.

Digital Temperature Controller

1. **Plug In:** Insert the temperature controller into a standard 120VAC 60Hz wall outlet.
2. **Connect Probe:** Ensure the temperature probe is securely connected to the controller.
3. **Position Probe:** Place the temperature probe in the environment where temperature control is desired (e.g., incubator, greenhouse).
4. **Connect Appliance:** Plug your heating or cooling appliance into the controller's outlet.

Operation

Digital Timer Outlet

1. **Program ON/OFF Cycles:**
   - Press the **Prog** button repeatedly to cycle through Program 1 ON, Program 1 OFF, Program 2 ON, Program 2 OFF, Program 3 ON, Program 3 OFF.
   - For each program step, use the **Hour** and **Min** buttons to set the desired ON or OFF time.
   - The timer supports up to 3 daily repeat programs.
2. **Select Operating Mode:** Use the side switch to select:
   - **ON:** Appliance is continuously ON.
   - **AUTO:** Appliance operates according to programmed ON/OFF cycles.
   - **OFF:** Appliance is continuously OFF.



Image: Example of setting three daily repeat ON/OFF programs for the Digital Timer Outlet.

Digital Temperature Controller

1. **Set Start Temperature:**
   - Press the **SET** button. The 'Start Temperature' will flash.
   - Use the **UP** and **DOWN** buttons to adjust the desired start temperature.
   - Press **SET** again to confirm.
2. **Set Stop Temperature:**

- After setting the start temperature, the 'Stop Temperature' will flash.
- Use the **UP** and **DOWN** buttons to adjust the desired stop temperature.
- Press **SET** again to confirm and exit setting mode.

3. **Function Modes (FUN Button):** Press the **FUN** button to cycle through various functions such as Periodic Timing, Temperature Calibration, Brown-out Memory, and Countdown On/Off. Refer to the display for specific function indicators and use **UP**/**DOWN** to adjust settings within each function.
4. **Heating/Cooling:** The controller automatically switches between heating and cooling based on the set start and stop temperatures to maintain the desired range.



Image: Overview of various practical functions available on the Digital Temperature Controller, including Heating/Cooling, Periodic Timing, Temperature Calibration, Brown-out Memory, and Countdown On/Off.

Maintenance

- Clean the device with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- Ensure the temperature probe is clean and free from debris for accurate readings.
- Store in a cool, dry place when not in use.

Troubleshooting

- **Device not powering on:** Check if the device is securely plugged into a live outlet. Ensure the internal battery for the timer has been charged.
- **Appliance not turning ON/OFF as programmed (Timer):**
  - Verify the side switch is set to**AUTO** mode.
  - Recheck programmed ON/OFF times for accuracy.
  - Ensure the current time is set correctly.
- **Temperature readings are inaccurate (Controller):**
  - Check if the temperature probe is properly connected and positioned.
  - Ensure the probe is clean and not obstructed.
  - Consider using the Temperature Calibration function if a known accurate thermometer is available for comparison.
- **Controller not activating heating/cooling:** Verify that the start and stop temperatures are set correctly and that the connected appliance is functional.

Specifications

Feature	Specification
Input Voltage	120VAC 60Hz
Max Power Rating	15A Max. 1800W
Temperature Control Range	-40°F to 210°F (-40°C to 99°C)
Temperature Display Accuracy	0.1°F
Timer Programs	3 daily repeat ON/OFF programs
Backup Battery (Timer)	Settings retained for up to 3 months
Display Type	VA Display (Temperature Controller), Digital LCD (Timer)

Customer Support

For further assistance, technical support, or warranty information, please contact DEWENWILS customer service.

Refer to the product packaging or the DEWENWILS official website for contact details.

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