Defiant 457864

Defiant SunSmart Heavy Duty 15-Amp 7-Day 2-Outlet Plug-In Digital Timer User Manual

Model: 457864

INTRODUCTION

This manual provides comprehensive instructions for the installation, programming, and operation of your Defiant SunSmart Heavy Duty 15-Amp 7-Day 2-Outlet Plug-In Digital Timer. Please read these instructions carefully before use to ensure proper function and safety. Keep this manual for future reference.

PRODUCT OVERVIEW

The Defiant SunSmart Digital Timer is designed to automate the control of electrical devices. It features two grounded outlets and offers advanced programming capabilities, including SunSmart technology for automatic sunset/sunrise adjustments and a random vacation security feature.

Image 1: Front view of the Defiant SunSmart Digital Timer, showing the central LCD display surrounded by control buttons. The buttons are labeled PROG, RCL/RND, SET, UP, DOWN, and ON/OFF. A small 'RESET' pinhole is located below the display.

Key Features:

- Programmable to the minute with up to 7 ON/OFF setting programs.
- Two grounded outlets for connecting devices.
- SunSmart technology for automatic sunset and sunrise time adjustments.
- Random vacation security feature to vary programmed ON/OFF times.
- Heavy-duty construction for reliable performance.
- Internal battery to retain settings during power interruptions.

Control Buttons:

- **PROG:** Used to enter and navigate programming modes.
- **RCL/RND:** Recalls programmed settings or activates the random security feature.
- **SET:** Confirms selections during programming.

- **UP:** Increases values or moves forward through options.
- **DOWN:** Decreases values or moves backward through options.
- **ON/OFF:** Manually switches the timer output ON, OFF, or AUTO mode.
- **RESET (Pinhole):** Resets the timer to factory defaults. Requires a pointed object like a paperclip.

SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the timer or connected devices:

- Do not immerse the timer in water or expose it to rain.
- Do not connect devices that exceed the timer's electrical ratings.
- Ensure the timer is securely plugged into a grounded outlet.
- Do not use with extension cords unless absolutely necessary and rated for the load.
- Unplug the timer from the wall outlet before cleaning.
- This timer is for indoor use only.

Electrical Ratings:

- **Voltage:** 125 Volts AC
- **Frequency:** 60 Hz
- **Current:** 15 Amps
- **Tungsten Load:** 1250 Watts
- **Motor Load:** 1/2 HP

SETUP

1. Initial Reset:

Before first use or after a prolonged power outage, it is recommended to reset the timer. Use a pointed object (like a paperclip) to press the **RESET** button located below the display. The display will clear, and the timer will return to its default settings.

2. Plug In:

Plug the timer into a standard 125V AC grounded wall outlet. The display will illuminate.

3. Set Current Time and Day:

1. Press the **SET** button once. The hour will flash.
2. Use the **UP** or **DOWN** buttons to adjust the hour (AM/PM will change automatically).
3. Press **SET** again. The minutes will flash.
4. Use the **UP** or **DOWN** buttons to adjust the minutes.
5. Press **SET** again. The day of the week will flash.
6. Use the **UP** or **DOWN** buttons to select the current day.
7. Press **SET** one last time to confirm and exit time setting mode.

The internal battery will maintain the time and programmed settings even if the timer is unplugged or power is interrupted.

OPERATING INSTRUCTIONS: PROGRAMMING

The timer allows for up to 7 individual ON/OFF programs. Each program can be set for a specific day, a group of

days, or all days of the week.

Setting ON/OFF Programs:

1. Press the **PROG** button. "1 ON" will appear on the display, indicating the first ON program.
2. Use the **UP** or **DOWN** buttons to adjust the desired ON hour.
3. Press **SET**. The minutes will flash. Adjust minutes using **UP** or **DOWN**.
4. Press **SET**. The day(s) of the week will flash. Use **UP** or **DOWN** to cycle through day options (e.g., MO, TU, WE, TH, FR, SA, SU, MO-FR, SA-SU, MO-SA, MO-SU). Select your desired day(s).
5. Press **PROG**. "1 OFF" will appear. Repeat steps 2-4 to set the desired OFF time and day(s) for the first program.
6. To set additional programs (up to 7), press **PROG** again after setting "1 OFF". The display will show "2 ON". Repeat the process for each program.
7. Once all desired programs are set, press the **ON/OFF** button repeatedly until "AUTO" appears on the display. This activates the programmed schedule.

Note: If you make a mistake during programming, you can press **RCL/RND** to clear the current setting and re-enter it.

SunSmart Feature:

The SunSmart feature automatically adjusts ON/OFF times to coincide with local sunset and sunrise. To use this feature, select "SUNSET" or "SUNRISE" when setting the ON or OFF time during programming. The timer will automatically calculate and adjust these times throughout the year based on your initial setup.

Random Vacation Security Feature:

To activate the random security feature, press the **RCL/RND** button until "RND" appears on the display. When active, the timer will vary the programmed ON/OFF times by up to 30 minutes, creating a "lived-in" appearance for enhanced security when you are away. Press **RCL/RND** again to deactivate.

Reviewing Programs:

To review your programmed settings, repeatedly press the **PROG** button. The display will cycle through all ON and OFF programs (1 ON, 1 OFF, 2 ON, 2 OFF, etc.). Press **ON/OFF** to exit program review mode.

MODES OF OPERATION

The timer has three operating modes, which can be cycled by pressing the **ON/OFF** button:

- **AUTO:** The timer operates according to the programmed ON/OFF schedule. This is the standard operating mode.
- **ON:** The connected devices will remain ON continuously, overriding any programmed settings.
- **OFF:** The connected devices will remain OFF continuously, overriding any programmed settings.

Always ensure the timer is in **AUTO** mode for programmed operation.

MAINTENANCE

Cleaning:

To clean the timer, first unplug it from the wall outlet. Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these may damage the unit.

Internal Battery:

The timer contains an internal, non-replaceable battery that retains time and program settings during power outages or when unplugged. This battery is designed for long-term use and does not require user maintenance or replacement.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer display is blank.	No power to the outlet; timer not plugged in; internal battery depleted (unlikely for display power).	Check the wall outlet with another device. Ensure the timer is fully plugged in. If the issue persists, perform a RESET.
Devices do not turn ON/OFF at programmed times.	Timer is not in AUTO mode; incorrect programming; power outage after programming (though internal battery should prevent loss).	Press **ON/OFF** until "AUTO" is displayed. Review your programs using the **PROG** button and correct any errors. Ensure the current time and day are set correctly.
Timer resets or loses settings frequently.	Electrical interference; faulty unit; prolonged power loss exceeding internal battery retention.	Try plugging the timer into a different outlet. Perform a hard **RESET** and reprogram. If the problem continues, contact customer support.
Random feature (RND) is active unexpectedly.	Accidental activation.	Press **RCL/RND** until "RND" is no longer displayed.

SPECIFICATIONS

- **Model Number:** 457864
- **Input Voltage:** 125V AC, 60Hz
- **Max Load:** 15 Amps Resistive, 1250 Watts Tungsten, 1/2 HP Motor
- **Outlets:** 2 Grounded Outlets
- **Programming:** 7 ON/OFF Programs per week
- **Features:** SunSmart (Daylight Adjusting), Random Vacation Security
- **Color:** White
- **Material:** Plastic
- **Item Weight:** Approximately 6.2 ounces (175 grams)
- **Dimensions:** Approximately 5.8 x 3.7 x 2.4 inches (Package Dimensions)
- **Internal Battery:** Yes (for setting retention)
- **Mounting Type:** Plug-In Mount

WARRANTY AND SUPPORT

For warranty information or technical assistance, please contact Defiant Customer Support. Refer to the product packaging or the official Defiant website for the most current contact details.

Please have your model number (457864) and purchase information ready when contacting support.