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Defiant 32648

Defiant 15 Amp In-Wall 3-Way Daylight Adjusting Digital Timer

Model: 32648

Brand: Defiant

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Defiant 15 Amp In-Wall 3-Way Daylight Adjusting Digital Timer. This device is designed to automate lighting and fans, offering energy savings and enhanced security through its advanced features.

Key features include automatic daylight adjusting for sunset and sunrise times, automatic adjustment for daylight savings time, multiple on/off settings, a random vacation security option, and a convenient on/off override switch. Please read this manual thoroughly before installation and use to ensure proper function and safety.

SETUP AND INSTALLATION

Safety First: Before beginning any installation, ensure the power to the circuit at the circuit breaker or fuse box is turned OFF to prevent electrical shock.

The Defiant Digital Timer is designed for both 3-way and single-pole installations and is compatible with incandescent, CFL, and LED bulbs. It replaces standard wall switches and spring-wound timers.



Figure 1: Front view of the Defiant 15 Amp In-Wall Digital Timer. The image shows the white timer unit with a dark LCD screen at the top and a large white rocker switch below it. The metal mounting straps are visible at the top and bottom, with specifications like "120VAC 60 Hz", "1200W Tungsten", "15A General/Resistive", "1200VA Ballast", "1/2 HP" printed on the top strap, and "INDOOR USE ONLY" on the bottom strap. The overall design is clean and functional, ready for in-wall installation.

Installation Steps:

- 1. Turn Off Power:** Locate the circuit breaker controlling the switch you are replacing and turn it off. Verify power is off using a voltage tester.
- 2. Remove Old Switch:** Carefully remove the existing wall plate and unscrew the old switch from the wall box. Disconnect the wires from the old switch, noting their connections.
- 3. Wire the New Timer:** Connect the wires to the Defiant Digital Timer using the screw terminals. Refer to the

wiring diagram provided with your product packaging for specific 3-way or single-pole configurations. Ensure all connections are secure.

4. **Mount the Timer:** Gently push the wired timer into the wall box. Secure it with the provided screws.
5. **Install Wall Plate:** Attach a decorator rocker-style single or multi-gang wall plate (not included) over the timer.
6. **Restore Power:** Turn the power back on at the circuit breaker.

For detailed wiring diagrams, please consult the separate wiring guide included in your product packaging or visit the manufacturer's website.

OPERATING INSTRUCTIONS

The Defiant Digital Timer offers various programming options to suit your needs. The back-lit LCD screen provides clear visibility for settings.

Initial Setup and Time Setting:

- Upon initial power-up or after a power outage (battery backup ensures settings are retained), the timer may prompt you to set the current time and date.
- Use the buttons below the LCD screen to navigate and adjust the time.

Daylight Adjusting Option:

- This feature automatically adjusts the timer's on/off times based on your local sunset and sunrise.
- It also automatically adjusts for daylight savings time changes in your area, eliminating the need for manual adjustments.
- Consult the timer's on-screen menu for activating and configuring this option, which typically involves setting your geographical region or zip code.

Programming On/Off Settings:

- The timer allows for up to 7 on/off settings per day.
- Access the programming menu via the timer's buttons. You can set specific times for the connected lights or fan to turn on and off.
- Each setting can be configured for specific days of the week or for all days.

Random Program Function (Security Feature):

- Activate this function to simulate occupancy when you are away.
- The timer will randomly vary the programmed on/off times by a few minutes, making it appear as if someone is home.
- This feature enhances home security by deterring potential intruders.

On/Off Override Switch:

- The large rocker switch on the timer acts as a manual on/off override.
- Pressing this switch will manually turn the connected device on or off, temporarily overriding any programmed settings.
- The timer will resume its programmed schedule at the next scheduled event.

Countdown Feature:

- The timer includes a countdown feature, allowing you to set a specific duration for the connected device to remain on before automatically turning off.

- This is useful for temporary lighting needs.

MAINTENANCE

The Defiant Digital Timer requires minimal maintenance.

- **Cleaning:** To clean the timer, gently wipe the surface with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture, as this may damage the unit.
- **Battery Backup:** The timer features a power outage battery backup to retain settings during power interruptions. No user maintenance is typically required for this internal battery.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer does not turn on/off connected device.	No power to the timer; incorrect wiring; override switch engaged.	Check circuit breaker. Verify wiring connections (consult installation guide). Ensure the manual override switch is not engaged.
LCD screen is blank.	No power; internal battery issue.	Check power supply to the timer. If power is present, contact customer support.
Timer settings are lost after power outage.	Battery backup failure.	Contact customer support for assistance.
Daylight Adjusting feature not working correctly.	Incorrect geographical setting.	Review and correct the geographical region or zip code setting in the timer's menu.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Defiant customer support.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	32648
Voltage	120 VAC, 60 Hz
Max. Tungsten Load	1200W
Max. General/Resistive Load	15A
Max. Ballast Load	1200VA
Motor Horsepower	1/2 HP
Switch Type	3-way or Single-pole

Feature	Specification
Compatibility	Incandescent, CFL, LED bulbs
Color	White
Dimensions	17.78 x 12.7 x 5.08 cm
Item Weight	113 g
Certification	UL Listed
Number of Settings	7 On/Off settings per day
UPC	030878326483

WARRANTY AND SUPPORT

For warranty information, technical support, or to inquire about replacement parts, please contact Defiant customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Contact information can typically be found on the product packaging or the official Defiant website.

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This manual is for informational purposes only. Defiant is not responsible for any damages or injuries resulting from improper installation or use of this product.