Westek TMDW30

Westek TMDW30 Hardwire Indoor Digital Wall Switch Timer User Manual

Model: TMDW30 | Brand: Westek

Introduction

This manual provides detailed instructions for the installation, programming, operation, and maintenance of your Westek TMDW30 Hardwire Indoor Digital Wall Switch Timer. Please read this manual thoroughly before installation and use to ensure proper function and safety.

The Westek TMDW30 is designed to add programming functionality to various devices such as lights, heaters, and fans. It features an LCD display for easy programming and can store up to 7 weekly programs. A rechargeable battery backup ensures settings are retained during power failures.

Product Overview



Figure 1: Front view of the Westek TMDW30 Digital Wall Switch Timer, showing the LCD display and main switch.



Figure 2: Angled view of the timer, illustrating the attached wiring for installation.

Key Features:

- Digital timer for automated device control.
- Clear LCD display for easy programming and time viewing.
- Supports up to 7 custom weekly programs.
- Random ON/OFF option for enhanced security.
- Rechargeable battery backup to save settings during power outages.

Setup and Installation

WARNING: Risk of electric shock. Installation should only be performed by a qualified electrician or a person with knowledge of electrical wiring. Turn off power at the circuit breaker before installation.

Tools Required:

- Screwdriver (Phillips and Flathead)
- Wire Strippers
- Electrical Tape
- Voltage Tester (recommended)

Wiring Diagram:



Figure 3: Back view of the timer showing wire connections: White (Neutral), Black (Hot), Red (Load), Green/Yellow (Ground).

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 switch from the electrical box. Disconnect the wires from the old switch.
3. **Identify Wires:** Identify the Line (Hot), Load, Neutral, and Ground wires in the electrical box. The Westek TMDW30 requires a neutral wire for operation.
4. **Connect Wires:** Connect the wires from the TMDW30 to your household wiring according to the diagram (Figure 3):
    - White wire from timer to Neutral (usually white) household wire.
    - Black wire from timer to Line/Hot (usually black) household wire.
    - Red wire from timer to Load (wire going to the light/device) household wire.
    - Green/Yellow wire from timer to Ground (bare copper or green) household wire.
5. **Mount Timer:** Carefully push the wired timer into the electrical box. Secure it with the mounting screws.
6. **Install Wall Plate:** Attach the decorative wall plate (not included) over the timer.
7. **Restore Power:** Turn the power back ON at the circuit breaker.

Operating Instructions

Setting Current Time and Day:

1. Press the **CLOCK** button. The time will flash.
2. Use the **HOUR** and **MINUTE** buttons to adjust the current time.
3. Press the **DAY** button to select the current day of the week.
4. Press **CLOCK** again to save and exit.

Programming ON/OFF Times (Up to 7 Programs):

1. Press the **PROG** button. "1 ON" will appear on the display.
2. Use **HOUR** and **MINUTE** to set the desired ON time for program 1.
3. Press **DAY** to select the days for this program (e.g., Mon-Fri, Sat-Sun, or individual days).
4. Press **PROG** again. "1 OFF" will appear.
5. Set the desired OFF time for program 1 using**HOUR** and **MINUTE**.
6. Repeat steps 2-5 for additional programs (2 ON/OFF through 7 ON/OFF).
7. Press **CLOCK** to save all programs and return to normal operation.

Manual Override:

The timer features a manual override switch. Slide the switch to the desired position to temporarily turn the connected device ON or OFF, overriding the programmed settings. The timer will resume programmed operation at the next scheduled event.

Random Function:

To activate the random ON/OFF feature, press the**RANDOM** button. This feature will randomly turn the connected device ON and OFF within a set window to simulate occupancy, enhancing home security.

Maintenance

- **Cleaning:** Wipe the timer surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Backup:** The timer includes a rechargeable battery backup. This battery recharges automatically when the timer is powered. No user maintenance is required for the battery.
- **Regular Check:** Periodically check the timer's operation to ensure programs are running as expected.

Troubleshooting

Problem	Possible Cause	Solution
Timer display is blank.	No power to the timer; battery backup depleted.	Check circuit breaker. Ensure wiring connections are secure. Allow time for battery to recharge after power is restored.
Programs are not activating.	Incorrect programming; manual override engaged; timer in "OFF" mode.	Review programming steps. Ensure the manual override switch is in the "TIMER" position. Verify the timer is not in a permanent "OFF" state.
Light/device does not turn ON/OFF manually.	Incorrect wiring; faulty bulb/device.	Verify wiring connections (Line, Load). Test the bulb or device with a standard switch or outlet.
Timer loses settings after power outage.	Battery backup not fully charged or faulty.	Ensure timer has been powered for at least 24 hours to fully charge the internal battery. If issue persists, contact support.

Specifications

Attribute	Value
Model Number	TMDW30
Brand	Westek
Color	White
Electrical Rating	120V~, 60Hz
Resistive Load	15A
Ballast Load	8A
Tungsten Load	8A
Motor Load	1 HP
Number of Settings	7 ON/7 OFF programs per day
Battery Backup	Rechargeable (retains settings during power failure)
Product Dimensions	8 x 2 x 6 inches
Item Weight	0.48 ounces (13.61 g)
UPC	070686506066

Warranty Information

The Westek TMDW30 Digital Wall Switch Timer comes with a**1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, misuse, abuse, or unauthorized repairs.
For warranty claims or further details, please contact Westek customer support.

Customer Support and Resources

If you encounter any issues or have questions regarding your Westek TMDW30 timer, please contact Westek customer support.
Online Resources:

- Official Westek Store: Visit Westek Store on Amazon
- Download User Manual (PDF): Westek TMDW30 User Manual PDF

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