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Westek TE1604WHB

Westek TE1604WHB Weekly Digital Timer Instruction Manual

Model: TE1604WHB

1. Introduction

The Westek TE1604WHB Weekly Digital Timer is designed to automate the control of electrical devices such as lights, heaters, and fans. This single-outlet timer offers flexible programming options to enhance convenience and energy management in your home or office. It features a digital display, up to 20 programmable settings, and a battery backup to retain settings during power outages.

2. Safety Information

- **Electrical Rating:** Do not exceed the maximum load of 15 Amps or 1875 Watts (resistive). Overloading the timer can cause damage or fire.
- **Indoor Use Only:** This timer is designed for indoor use in dry locations. Do not expose to water or moisture.
- **Grounding:** Ensure the timer is plugged into a properly grounded outlet.
- **Children:** Keep out of reach of children.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. Package Contents

- Westek TE1604WHB Weekly Digital Timer
- Instruction Manual

4. Product Overview

Familiarize yourself with the timer's components before operation.



Image: Front view of the Westek TE1604WHB Weekly Digital Timer, showing the LCD screen, 'SET', 'UP', 'DOWN', 'ON/OFF', 'RND', and 'CTD' buttons, and the single electrical outlet on the side.

Control Buttons:

- **SET:** Enters programming mode and confirms settings.
- **UP/DOWN:** Adjusts time, day, and program settings.
- **ON/OFF:** Manually turns the connected device ON or OFF, or cycles through modes.
- **RND (Random):** Activates or deactivates the random ON/OFF feature.
- **CTD (Countdown):** Activates or deactivates the countdown timer feature.
- **RESET (Recessed):** Clears all settings and restores default. Located in a small hole, requires a pointed object to press.

5. Setup

1. **Initial Charge:** Plug the timer into an active electrical outlet for at least 30 minutes to charge the internal

battery backup. The display may be blank initially.

2. **Reset the Timer:** After charging, use a pointed object (like a pen tip) to press the recessed **RESET** button. This clears all previous settings and ensures proper functionality. The display should now show '00:00' and the current day.
3. **Set Current Time:**
    - Press and hold the **SET** button for 3 seconds until the hour digits flash.
    - Use the **UP** or **DOWN** buttons to set the current hour (12-hour format with AM/PM).
    - Press **SET** to confirm the hour, then use **UP** or **DOWN** to set the minutes.
    - Press **SET** to confirm the minutes.
4. **Set Current Day:**
    - After setting the time, the day of the week will flash.
    - Use the **UP** or **DOWN** buttons to select the current day (MO, TU, WE, TH, FR, SA, SU).
    - Press **SET** to confirm the day and exit time setting mode.

6. Operating Instructions

Programming ON/OFF Times (Up to 20 Programs):

1. Press the **SET** button once to enter program setting mode. The display will show '1 ON'.
2. Use **UP** or **DOWN** to set the desired hour for the first 'ON' time. Press **SET** to confirm.
3. Use **UP** or **DOWN** to set the desired minutes for the first 'ON' time. Press **SET** to confirm.
4. The day(s) of the week will flash. Use **UP** or **DOWN** to select the desired day(s) for this program. Options include individual days, weekdays, weekends, or all 7 days. Press **SET** to confirm.
5. The display will now show '1 OFF'. Repeat steps 2-4 to set the corresponding 'OFF' time for Program 1.
6. After setting '1 OFF', the display will show '2 ON'. Continue setting up to 20 ON/OFF programs as needed.
7. To exit programming mode at any time, press the **ON/OFF** button.

Activating Programs (Automatic Mode):

After programming, ensure the timer is in 'Automatic' mode for programs to run. Repeatedly press the **ON/OFF** button until the word 'AUTOMATIC' appears on the display. The timer will then follow your programmed schedule.

Random Function (RND):

The random function turns the connected device ON and OFF at irregular intervals, typically within a 30-minute window of your programmed times. This can simulate occupancy for security purposes.

- To activate: Press the **RND** button. 'RND' will appear on the display.
- To deactivate: Press the **RND** button again. 'RND' will disappear.

Daylight Saving Time (DST) Adjustment:

This feature allows for a quick one-hour adjustment for daylight saving time.

- To activate: Press and hold the **ON/OFF** button for 3 seconds. The display will show '+1h' and the time will advance by one hour.
- To deactivate: Press and hold the **ON/OFF** button for 3 seconds again. The display will show '-1h' and the time will revert by one hour.

7. Maintenance

- **Battery Backup:** The internal rechargeable battery maintains your programmed settings during power outages. Ensure the timer is plugged in regularly to keep the battery charged.
- **Cleaning:** Wipe the timer with a dry, soft cloth. Do not use liquid cleaners or solvents.

8. Troubleshooting

- **Display is blank or timer is unresponsive:** Ensure the timer has been plugged into an active outlet for at least 30 minutes to charge the internal battery. Then, press the recessed **RESET** button using a pointed object.
- **Programs are set but the device is not turning ON/OFF:** Verify that the timer is in 'AUTOMATIC' mode. Repeatedly press the **ON/OFF** button until 'AUTOMATIC' appears on the display.
- **Time is incorrect after a power outage:** The battery backup should retain settings. If not, ensure the battery is charged (see Maintenance) and re-set the current time and day.
- **Timer is not accepting new programs:** Try performing a full **RESET** of the device and re-enter all settings.

9. Specifications

Feature	Specification
Model Number	TE1604WHB
Brand	Westek
Color	White
Material	Plastic
Max Load	15 Amps, 1875 Watts (Resistive)
Number of Programs	Up to 20 ON/OFF settings
Item Weight	3.52 ounces
Product Dimensions	6.4 x 4.8 x 2 inches
Batteries Included	Yes (internal rechargeable for backup)
Mounting Type	Wall Mount (plug-in)

10. Warranty

This Westek TE1604WHB Weekly Digital Timer comes with a **1-year limited warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. For warranty service or technical support, please refer to the contact information provided with your product packaging or visit the official Westek website.

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