Westek TE23WHB

Westek TE23WHB Indoor Digital Timer User Manual

Model: TE23WHB

1. Introduction

This manual provides instructions for the setup, programming, and operation of the Westek TE23WHB Indoor Digital Timer. This device features two separately controllable 3-prong outlets, allowing for independent scheduling of connected appliances or lighting. It includes a rechargeable battery backup to retain settings during power outages.

2. Important Safety Information

- For indoor use only. Do not expose to moisture or extreme temperatures.
- Do not exceed electrical ratings: 120V, 60Hz; 15A, 1800W General Purpose; 5A, 600W Tungsten.
- Ensure the timer is securely plugged into a grounded outlet.
- Do not use with appliances that could create a hazardous condition if unattended, such as heaters or power tools.
- Keep out of reach of children.
- Do not disassemble or modify the timer. Refer all servicing to qualified personnel.

3. Product Overview

The Westek TE23WHB Digital Timer features a clear LCD display and an intuitive button layout for programming. It includes two independent 3-prong outlets, labeled A and B, each with an indicator light.

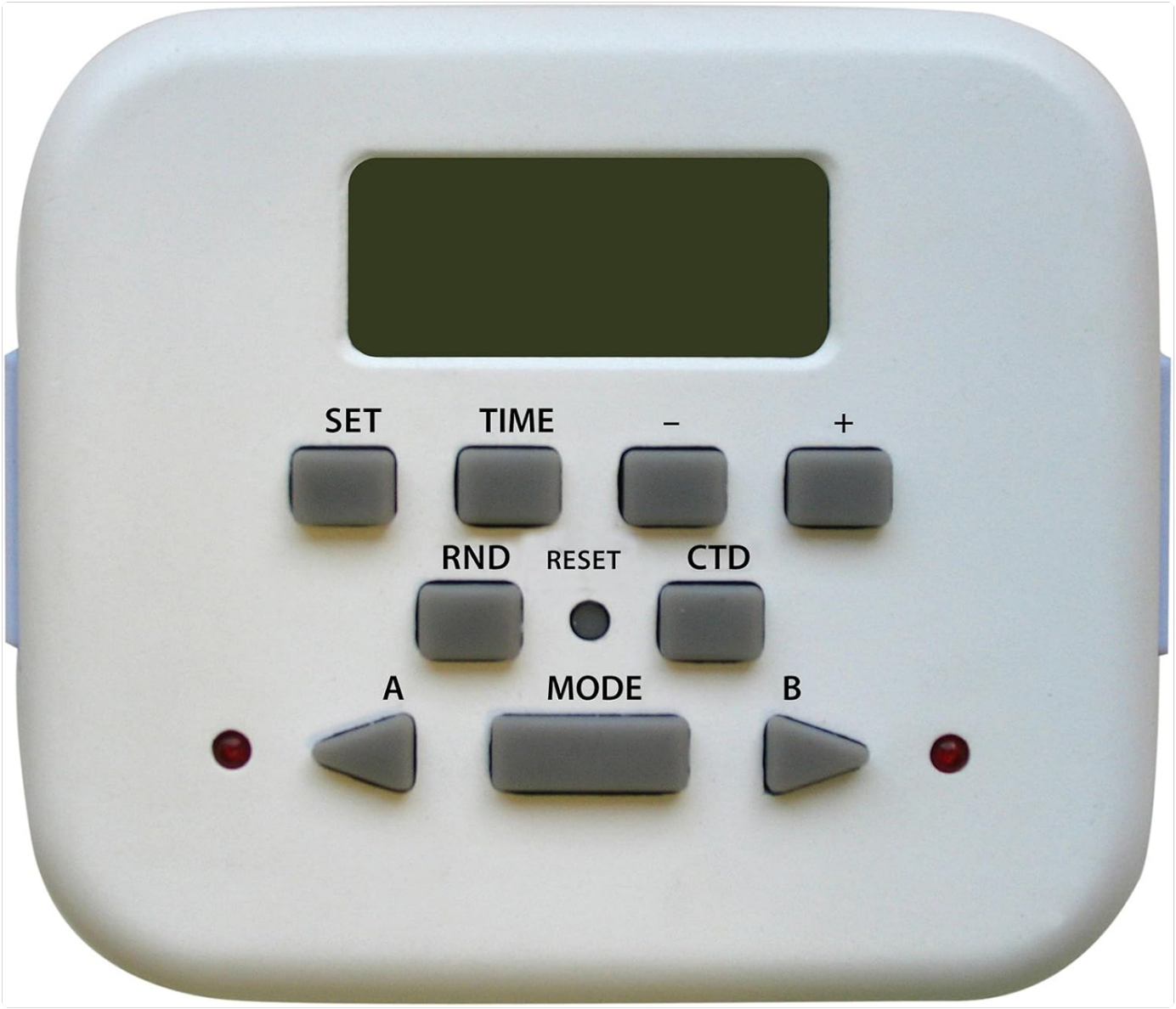


Image: Front panel of the Westek TE23WHB Digital Timer, showing the LCD screen, 'SET', 'TIME', '-', '+', 'RND', 'RESET', 'CTD', 'A', 'MODE', and 'B' buttons, and two red indicator lights.

Button Functions:

- **SET:** Enters programming mode for time and programs.
- **TIME:** Displays current time. Used to set current time.
- **-** / **+:** Adjusts values (hours, minutes, days) during setting.
- **RND (Random):** Activates or deactivates the random ON/OFF feature.
- **RESET:** Resets all settings to factory defaults. Use a pointed object (e.g., pen tip) to press.
- **CTD (Countdown):** Activates or deactivates the countdown timer function.
- **A** / **B:** Selects Outlet A or Outlet B for programming or manual control.
- **MODE:** Cycles through different operating modes (ON, OFF, AUTO).

Indicator Lights:

- Two red indicator lights, one for each outlet (A and B), illuminate when the respective outlet is powered ON.

4. Initial Setup

4.1. Battery Backup

The timer contains a rechargeable battery. For optimal performance and to retain settings during power outages, plug the timer into an active outlet for at least 30 minutes before initial programming. The display may be dim or blank until charged.

4.2. Setting Current Time

1. Press and hold the **TIME** button for 3 seconds until the hour digits flash.
2. Use the **+** or **-** buttons to set the current hour (AM/PM will adjust automatically).
3. Press **TIME** again to move to minutes. Use **+** or **-** to set minutes.
4. Press **TIME** again to move to days of the week. Use **+** or **-** to select the current day.
5. Press **TIME** one last time to confirm and exit time setting mode.

5. Operation and Programming

The Westek TE23WHB allows for up to 20 ON/OFF programs per week, which can be assigned to Outlet A, Outlet B, or both simultaneously. Programs can be set for individual days or groups of days.

5.1. Programming ON/OFF Events

1. Press the **SET** button once. The display will show "1 ON" and the hour digits will flash.
2. Use **+** or **-** to set the desired ON hour for Program 1.
3. Press **SET** to move to minutes. Use **+** or **-** to set the desired ON minutes.
4. Press **SET** to select the days of the week. Use **+** or **-** to cycle through day options (e.g., MO, TU, WE, TH, FR, SA, SU, MO-FR, SA-SU, MO-SA, etc.).
5. Press **SET** to select which outlet(s) (A, B, or A+B) will be controlled by this program. Use **A** or **B** buttons to toggle selection.
6. Press **SET** again. The display will now show "1 OFF" and the hour digits will flash.
7. Repeat steps 2-5 to set the desired OFF time, days, and outlets for Program 1.
8. Continue pressing **SET** to program additional ON/OFF events (up to 20). To exit programming mode at any time, press the **TIME** button.

5.2. Operating Modes (AUTO, ON, OFF)

After programming, the timer must be set to AUTO mode for programs to execute. Press the **MODE** button to cycle through the following options:

- **AUTO:** The timer will follow the programmed ON/OFF schedules.
- **ON:** Both outlets will remain continuously ON, overriding all programs.
- **OFF:** Both outlets will remain continuously OFF, overriding all programs.

5.3. Manual Override

While in AUTO mode, you can manually turn an outlet ON or OFF without affecting the programmed schedule. Press the **A** button to toggle Outlet A, or the **B** button to toggle Outlet B. The indicator light will reflect the current state. The timer will revert to the programmed schedule at the next scheduled event.

5.4. Random Feature (RND)

The random feature adds security by varying the ON/OFF times of your programmed events by 2-30 minutes. This makes it appear as if someone is home. To activate/deactivate:

- Press the **RND** button. "RND" will appear on the display when active.

- Press **RND** again to deactivate.

5.5. Countdown Timer (CTD)

The countdown timer allows you to turn an outlet ON or OFF for a specified duration. This feature operates independently of programmed schedules.

1. Press the **CTD** button. The display will show "CTD" and the hour digits will flash.
2. Use **+** or **-** to set the desired countdown hours (up to 23 hours).
3. Press **CTD** to move to minutes. Use **+** or **-** to set minutes (up to 59 minutes).
4. Press **CTD** to select which outlet(s) (A, B, or A+B) will be affected by the countdown.
5. Press **CTD** again to start the countdown. The selected outlet(s) will turn ON (if currently OFF) or OFF (if currently ON) for the set duration.
6. To cancel the countdown, press **CTD** again.

6. Maintenance

- Clean the timer with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure the timer is unplugged before cleaning.
- No user-serviceable parts inside.

7. Troubleshooting

Problem	Possible Cause	Solution
Timer display is blank or dim.	Battery backup needs charging.	Plug the timer into an active outlet for at least 30 minutes.
Programs are not running.	Timer is not in AUTO mode.	Press the **MODE** button until "AUTO" is displayed.
Outlets not turning ON/OFF at programmed times.	Incorrect program settings; outlets not assigned to program.	Review and re-program ON/OFF events, ensuring correct times, days, and outlet assignments (A, B, or A+B).
Timer is unresponsive or "frozen".	Temporary electronic glitch.	Press the **RESET** button using a pointed object. This will clear all settings, requiring re-programming.
Random feature not working.	RND not activated.	Press the **RND** button until "RND" appears on the display.

8. Specifications

- **Model:** TE23WHB
- **Voltage:** 120V, 60Hz
- **General Purpose Rating:** 15A, 1800W
- **Tungsten Rating:** 5A, 600W
- **Outlets:** Two (2) 3-prong, separately controllable
- **Programs:** Up to 20 ON/OFF programs per week
- **Special Features:** Rechargeable battery backup, Random function, Countdown timer

- **Dimensions:** Approximately 2.7 x 3.65 x 3.15 inches
- **Weight:** Approximately 6.7 ounces

9. Warranty Information

AmerTac warrants to the original purchaser that this product will be free from defects in materials and workmanship for a period of 1 year from the date of purchase.

10. Customer Support

For further assistance or inquiries, please contact Westek customer support. Refer to the product packaging or the official Westek website for current contact information.

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