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Westek TM1627DOLB

Westek TM1627DOLB Weekly Digital Timer User Manual

Model: TM1627DOLB

INTRODUCTION

This manual provides instructions for the safe and efficient operation of your Westek TM1627DOLB Weekly Digital Timer. This device is designed to add programmable functionality to various electrical appliances such as lights, heaters, and fans. It features multiple programming options, including weekly cycles, random operation, and a dusk-to-dawn sensor.

Important Safety Information

- Read all instructions before use.
- Do not immerse the timer in water or expose it to excessive moisture.
- Ensure the total load of connected devices does not exceed the timer's maximum rating (15 Amps, 1875 Watts resistive).
- Do not use with appliances that could cause a hazardous condition if left unattended, such as heating appliances without automatic shut-off.
- This timer is intended for outdoor use, but should be protected from direct heavy rain or snow.

PRODUCT OVERVIEW

Key Features

- Digital Timer for programmable control of devices.
- Up to 20 custom programs per week.
- Random and Daylight Saving Time options.
- Dusk-to-dawn setting with adjustable off-time (1 to 12 hours).
- Rechargeable battery backup to retain settings during power outages.
- Three grounded outlets.

Components







Front view of the Westek TM1627DOLB Digital Timer, showing the display and control buttons.

This image displays the front of the digital timer, highlighting the LCD screen and the control buttons: SET, ON/OFF, D2D (Dusk-to-Dawn), DOWN, RND (Random), UP, and RESET.



Back view of the Westek TM1627DOLB Digital Timer, showing product label and mounting hole.

The back of the timer is shown, featuring the product label with electrical specifications and a keyhole for wall mounting.



Angled view of the Westek TM1627DOLB Digital Timer, highlighting the three grounded outlets.

This image provides an angled perspective of the timer, clearly showing the three grounded outlets on the side, designed for connecting multiple devices.

SETUP

- Initial Charge:** Before first use, plug the timer into a live electrical outlet for at least 30 minutes to charge the internal battery backup. This ensures settings are retained during power interruptions.
- Reset:** Use a small pointed object (like a pen tip) to press the **RESET** button located on the front panel. The display will show "0:00" and all previous settings will be cleared.
- Mounting:** If desired, use the keyhole on the back of the timer to mount it securely to a wall or other surface. Ensure it is in a location protected from direct heavy weather.
- Connect Devices:** Plug the appliances you wish to control into the three grounded outlets on the side of the timer.

OPERATING INSTRUCTIONS

Your browser does not support the video tag.

This video demonstrates the basic functionality and setup of the Westek TM1627DOLB Digital Timer. It provides a visual guide to understanding the timer's features and initial configuration.

1. Setting Current Time and Day

1. Press and hold the **SET** button for 3 seconds until the display flashes.
2. Use the **UP** or **DOWN** buttons to adjust the current hour. Press **SET** to confirm.
3. Repeat for minutes and then for the current day of the week (MO, TU, WE, TH, FR, SA, SU).
4. Press **SET** to exit time setting mode.

2. Programming On/Off Times (Up to 20 Programs)

1. Press the **SET** button once briefly. The display will show "1 ON".
2. Use **UP** or **DOWN** to select the desired hour for the first ON time. Press **SET**.
3. Adjust minutes using **UP** or **DOWN**. Press **SET**.
4. Select the days for this program (e.g., MO-FR, SA-SU, or individual days) using **UP** or **DOWN**. Press **SET**.
5. The display will now show "1 OFF". Repeat steps 2-4 to set the OFF time for the first program.
6. Continue pressing **SET** to cycle through "2 ON", "2 OFF", up to "20 ON", "20 OFF" to set additional programs.
7. To exit programming mode, press the **ON/OFF** button.

3. Dusk-to-Dawn (D2D) Mode

This mode uses an optical sensor to turn the timer ON at dusk and OFF after a set duration.

1. Press the **D2D** button. The display will show "D2D" and "ON".
2. Press **D2D** again to cycle through OFF durations: 1H, 2H, 3H, ..., 12H. Select the desired duration.
3. The timer will now activate at dusk and turn off after the selected number of hours.
4. To deactivate D2D mode, press **D2D** until "OFF" is displayed.

4. Random (RND) Mode

The Random mode varies programmed ON/OFF times by a short, unpredictable interval to simulate occupancy.

- Press the **RND** button to activate or deactivate Random mode. "RND" will appear on the display when active.
- This mode applies to all active programs.

5. Daylight Saving Time (DST)

Adjusts the clock forward or backward by one hour for Daylight Saving Time.

- Press and hold the **ON/OFF** button for 3 seconds. The display will show "DST" and the time will adjust.
- Repeat to deactivate DST.

6. Manual Override

To manually turn the connected devices ON or OFF without affecting programmed settings:

- Press the **ON/OFF** button briefly. The timer will switch between ON and OFF states.

- The timer will revert to its programmed schedule at the next scheduled ON or OFF event.

MAINTENANCE

- **Cleaning:** Disconnect the timer from the power outlet before cleaning. Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the timer in a cool, dry place.
- **Battery:** The internal battery is rechargeable and designed for long-term use. If the display becomes dim or settings are frequently lost, ensure the timer is plugged in for sufficient charging time.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer does not turn ON/OFF at programmed times.	Incorrect time/day setting. Program not set correctly (ON/OFF times, days). Manual override is active. D2D or RND mode interfering.	Verify current time and day. Review and re-enter programs carefully. Press ON/OFF to cancel manual override. Deactivate D2D or RND mode if not desired.
Display is blank or dim.	Internal battery is low. No power to the outlet.	Plug the timer into a live outlet for at least 30 minutes to charge. Check the power outlet with another device.
Difficulty programming or settings are lost.	Programming sequence interrupted. Internal battery not fully charged. Unit malfunction.	Ensure each step is completed within 30 seconds or press SET to confirm each entry. Perform a full reset and recharge the battery. If issues persist, contact customer support.

SPECIFICATIONS

- **Model:** TM1627DOLB
- **Input Voltage:** 120V AC, 60Hz
- **Max Load:** 15 Amps (General Purpose), 1875 Watts (Resistive)
- **Tungsten Load:** 8 Amps, 1000 Watts
- **Motor Load:** 1/2 HP
- **Number of Programs:** Up to 20 ON/OFF pairs
- **Outlets:** 3 Grounded Outlets
- **Dimensions:** Approximately 1.9 x 4.25 x 5.75 inches
- **Color:** Black

WARRANTY AND SUPPORT

Westek products are manufactured by AmerTac. For information regarding product warranties, please visit the official AmerTac website:

www.amertac.com/warranties

For further assistance or technical support, please refer to the contact information provided on the AmerTac website or your product packaging.

Note: Due to continuous product development, the product you receive may appear slightly different from the images or descriptions in this manual.