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› BLACK+DECKER BDXPA0023 Indoor Programmable Digital Timer User Manual

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User Manual

1. INTRODUCTION

Thank you for choosing the BLACK+DECKER BDXPA0023 Indoor Programmable Digital Timer. This device is designed to automate the ON/OFF cycles of your indoor lights and appliances, offering convenience and energy savings. With its 7-day programmable settings and grounded outlet, it provides flexible control over your electrical devices. Please read this manual thoroughly before use to ensure proper operation and to maximize the benefits of your new timer.



Image 1: Front view of the BLACK+DECKER BDXPA0023 Digital Timer.

2. IMPORTANT SAFETY INFORMATION

- **Indoor Use Only:** This timer is designed for indoor use in dry locations. Do not expose to water or moisture.
- **Electrical Rating:** Do not exceed the electrical ratings of the timer (125V AC, 15A, 1875W Resistive/Tungsten, 1/2 HP). Overloading may cause overheating and fire.
- **Grounded Outlet:** Always plug the timer into a grounded 3-prong outlet. Ensure the appliance plugged into the timer also has a grounded plug.
- **Children:** Keep out of reach of children.

- **Cleaning:** Unplug the timer from the wall outlet before cleaning. Use a dry cloth only.
- **Repairs:** Do not attempt to disassemble or repair the timer. Refer all servicing to qualified personnel.

3. PRODUCT OVERVIEW

Familiarize yourself with the timer's components and controls:



Image 2: Labeled diagram of the timer's controls and features.

- **Display Screen:** Shows current time, day, and program status.
- **MINUTE Button:** Adjusts minutes during time setting and programming.
- **HOUR Button:** Adjusts hours during time setting and programming.
- **WEEK Button:** Selects the day of the week during time setting and programming.
- **RST/RCL Button:** Resets or recalls program settings.
- **PROGRAM Button:** Enters and cycles through program settings (P1 ON, P1 OFF, P2 ON, etc.).
- **ON/OFF Button:** Manually overrides the timer to ON, OFF, or AUTO mode.

- **CLOCK Button:** Used to set the current time and day, and to activate Daylight Savings Time (DST).
- **R (Random) Button:** Activates the random vacation security option.
- **Reset Pinhole:** Used to clear all settings and reset the timer to factory defaults.
- **Grounded Outlet:** For plugging in your appliance.

4. INITIAL SETUP

Before programming, ensure the timer has power. If the display is blank, plug the timer into a live outlet for at least 15 minutes to charge the internal battery. Use a pointed object (like a pen tip) to press the **Reset Pinhole (R)** to clear any previous settings.

4.1 Setting Current Time and Day

1. Press and hold the **CLOCK** button.
2. While holding **CLOCK**, press the **WEEK** button repeatedly to set the current day of the week (MO, TU, WE, TH, FR, SA, SU).
3. While holding **CLOCK**, press the **HOURL** button repeatedly to set the current hour. Note the AM/PM indicator.
4. While holding **CLOCK**, press the **MINUTE** button repeatedly to set the current minute.
5. Release the **CLOCK** button. The current time and day are now set.

4.2 Daylight Savings Time (DST)

To adjust for Daylight Savings Time:

- Press and hold the **CLOCK** button, then press the **ON/OFF** button once. The display will show "DST" and the time will advance by one hour.
- To revert, press and hold the **CLOCK** button, then press the **ON/OFF** button again. The time will go back one hour, and "DST" will disappear.

5. PROGRAMMING ON/OFF CYCLES

The timer allows for up to 20 ON/OFF programs. Each program consists of an ON time and an OFF time.

5.1 Setting a Program

1. Press the **PROGRAM** button once. The display will show "1 ON".
2. Press the **WEEK** button repeatedly to select the desired day(s) for this program. Options include individual days, weekdays (MO TU WE TH FR), weekend (SA SU), or all days (MO TU WE TH FR SA SU).
3. Press the **HOURL** button to set the desired ON hour.
4. Press the **MINUTE** button to set the desired ON minute.
5. Press the **PROGRAM** button again. The display will show "1 OFF".
6. Repeat steps 2-4 to set the desired OFF time for Program 1.
7. To set additional programs (P2 ON, P2 OFF, etc.), press the **PROGRAM** button again and repeat steps 2-6.
8. After setting all desired programs, press the **CLOCK** button to return to the current time display.

Important: For the timer to execute programs, ensure it is in **AUTO** mode. Press the **ON/OFF** button repeatedly until "AUTO" appears on the display.

5.2 Random Vacation Security Option

This feature turns your lights ON and OFF at random times within a 30-minute window of your programmed settings, giving the appearance that someone is home.

- To activate: Press the **R (Random)** button. "R" will appear on the display.
- To deactivate: Press the **R (Random)** button again. "R" will disappear.

5.3 Manual Override

You can temporarily override the programmed settings:

- Press the **ON/OFF** button repeatedly to cycle through modes: **ON** (always on), **AUTO** (follows programs), **OFF** (always off).
- Ensure the timer is set to **AUTO** for programmed functions to operate.

6. OPERATION

Once programmed and set to **AUTO** mode, the timer will automatically turn the connected appliance ON and OFF according to your schedule. The display will show the current time and day, along with the active mode (ON, OFF, or AUTO).



Image 3: The timer plugged into an outlet, highlighting energy savings and warranty.

1 YEAR
WARRANTY



Programmable DAILY CYCLE

Image 4: Example of daily use with the programmable timer.

7. MAINTENANCE

- **Cleaning:** Disconnect the timer from the power outlet before cleaning. Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use for extended periods, store the timer in a cool, dry place away from direct sunlight.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer display is blank.	Internal battery is depleted.	Plug the timer into a live outlet for at least 15 minutes to charge the battery.

Problem	Possible Cause	Solution
Appliance does not turn ON/OFF at programmed times.	Timer is not in AUTO mode.	Press the ON/OFF button repeatedly until "AUTO" appears on the display.
Appliance does not turn ON/OFF at programmed times.	Program settings are incorrect or conflicting.	Review your program settings (Section 5.1). Ensure ON times are before OFF times and days are correctly selected. Consider resetting the timer and reprogramming.
Appliance does not turn ON/OFF at programmed times.	Current time/day is incorrect.	Verify and reset the current time and day (Section 4.1).
Difficulty programming the timer.	Instructions unclear or user unfamiliar with digital timers.	Carefully follow the step-by-step instructions in Section 4 and 5. Take your time and confirm each setting before proceeding. Use the RST/RCL button to clear a specific program if needed, or the Reset Pinhole for a full reset.
Random mode (R) is active unexpectedly.	Random mode was accidentally activated.	Press the R (Random) button to deactivate it. "R" will disappear from the display.

9. SPECIFICATIONS

- **Model:** BDXPA0023
- **Brand:** BLACK+DECKER
- **Color:** Black
- **Input Voltage:** 125V AC, 60Hz
- **Max Load:** 15A Resistive, 1875W Tungsten, 1/2 HP
- **Number of Settings:** 7-day weekly programming (up to 20 ON/OFF programs)
- **Features:** Digital Display, Grounded Outlet, Daylight Savings Mode, Random Vacation Mode, Manual Override
- **Dimensions:** Approximately 3.58 x 3.39 x 2.91 inches
- **Item Weight:** Approximately 7.4 ounces

10. WARRANTY AND SUPPORT

This BLACK+DECKER BDXPA0023 Digital Timer comes with a **1-Year Limited Warranty** from the date of purchase. This warranty covers defects in material and workmanship under normal use. It does not cover damage resulting from misuse, abuse, accident, unauthorized repairs, or modifications.

For warranty claims, technical support, or further assistance, please contact BLACK+DECKER customer service. Refer to the contact information provided with your product packaging or visit the official BLACK+DECKER website for current support details.

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.

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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.

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