

Maxcio SD-TM01

Maxcio SD-TM01 Digital Programmable Timer User Manual

Model: SD-TM01

1. INTRODUCTION

Thank you for choosing the Maxcio SD-TM01 Digital Programmable Timer. This device is designed to automate the power supply to your electrical appliances, offering various modes for convenience, energy saving, and enhanced home security. Please read this manual carefully before use to ensure proper operation and to maximize the benefits of your timer.

2. SAFETY INSTRUCTIONS

- Do not immerse the timer in water or any other liquid.
- Do not connect any appliance that exceeds the timer's maximum load rating.
- Ensure the timer is securely plugged into a grounded outlet.
- Do not disassemble or attempt to repair the timer yourself. Contact qualified personnel for service.
- Keep out of reach of children.
- Unplug the timer from the wall outlet before cleaning.

3. PRODUCT OVERVIEW

The Maxcio SD-TM01 is a versatile digital timer featuring a clear LCD display and intuitive controls. It supports multiple timing modes to suit various applications.

Multi-function Timing Socket



Image: Overview of the Maxcio SD-TM01 multi-function timing socket, detailing its dimensions (6cm width, 13.5cm height, 8cm depth) and listing key features: 20 Sets ON/OFF Mode, Countdown Mode, Cycle Mode, Random Mode, 12H/24H Mode, Child Lock, and Rechargeable Batteries.

Key Features:

- Up to 20 ON/OFF programs per day or week.
- Cycle Countdown Mode for repeating ON/OFF actions.
- Standard Countdown Mode.
- Random Mode for enhanced home security.
- Daylight Saving Time (DST) function.
- Child Lock function.
- Backlit LCD display for easy reading.
- Built-in rechargeable battery for settings retention.

4. INITIAL SETUP

4.1 Setting the Current Time and Day

1. Plug the timer into a wall outlet to charge the internal battery for at least 15 minutes before first use.
2. Press the **CLOCK** button.
3. Press the **WEEK** button to select the current day of the week.
4. Press the **HOUR** button to set the current hour.
5. Press the **MIN** button to set the current minute.
6. Press the **CLOCK** button again to confirm and exit time setting.

4.2 12/24 Hour Format Selection

While in clock setting mode, press the **TIMER** button to toggle between 12-hour (AM/PM) and 24-hour formats.

5. OPERATING MODES

5.1 Program Mode (ON/OFF)

This mode allows you to set specific ON and OFF times for your appliances, up to 20 programs per day or week.

Program Mode - Up to 20 ON/OFF Program

Safe and Reliable Timer

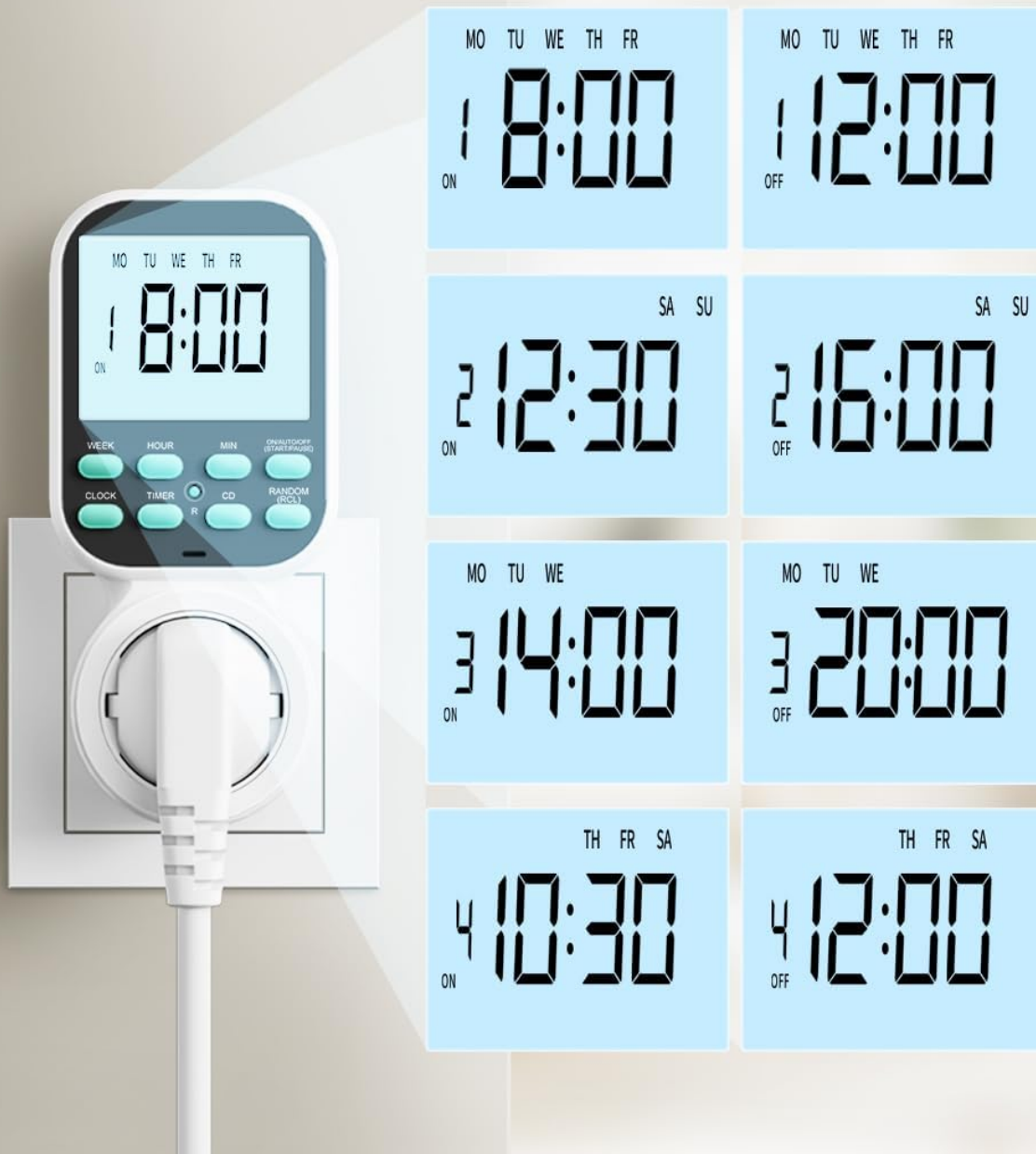
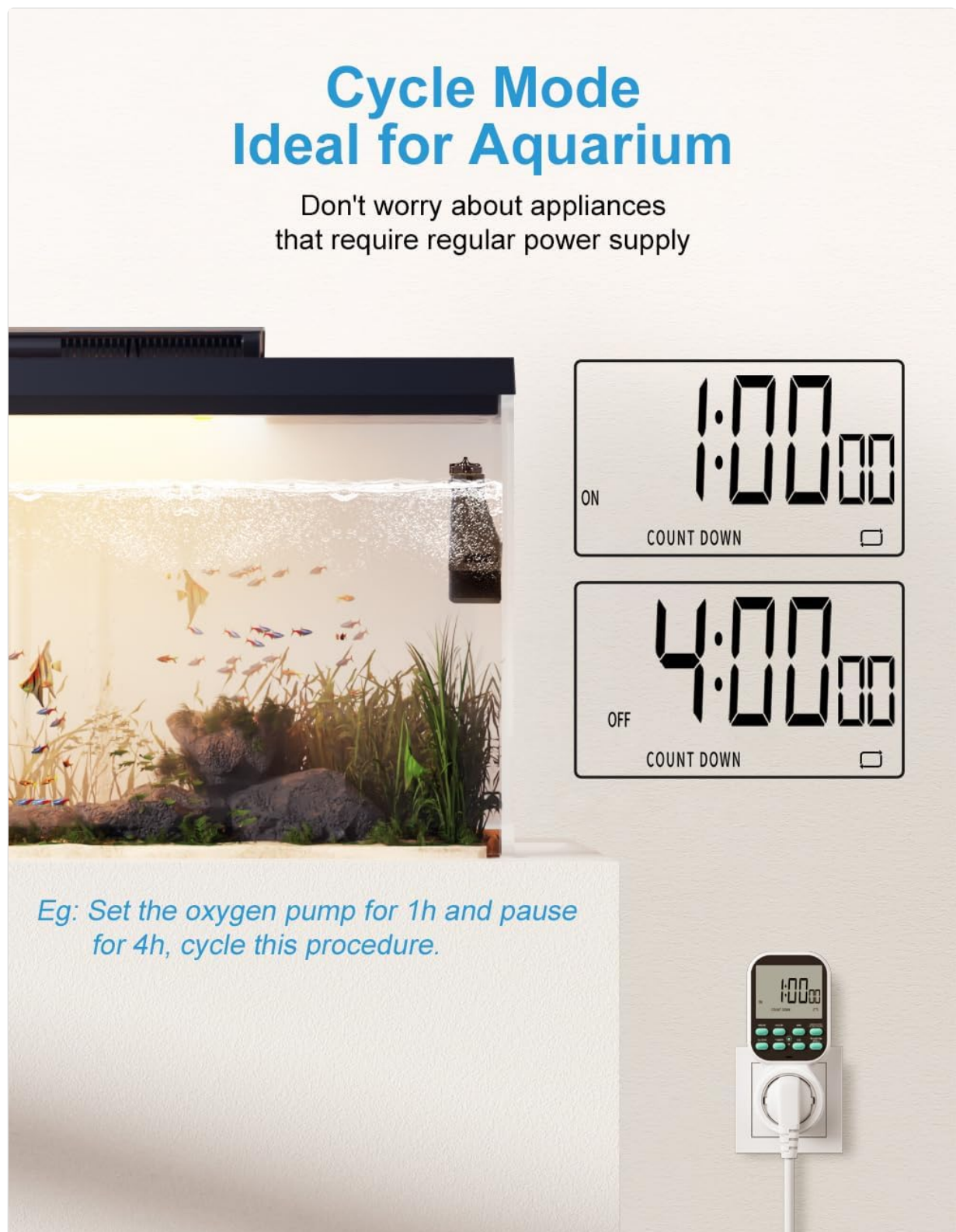


Image: Illustration of the Program Mode on the Maxcio SD-TM01 timer, showing multiple ON/OFF programs set for different times and days of the week. This demonstrates the capability to schedule up to 20 distinct power events.

1. Press the **TIMER** button repeatedly to cycle through program settings (1 ON, 1 OFF, 2 ON, 2 OFF, etc.).
2. When a program (e.g., "1 ON") is displayed, use **WEEK**, **HOUR**, and **MIN** buttons to set the desired ON time and day(s).
3. Press **TIMER** again to move to the corresponding OFF time ("1 OFF") and set it similarly.
4. Repeat for all desired programs.
5. To exit program setting, press the **CLOCK** button.

5.2 Cycle Countdown Mode

This feature allows the device to perform a repeating cycle of ON and OFF actions, ideal for applications like aquarium pumps.



Eg: Set the oxygen pump for 1h and pause for 4h, cycle this procedure.

Image: The Maxcio SD-TM01 timer in Cycle Mode, displaying an ON time of 1:00 and an OFF time of 4:00, connected to an aquarium oxygen pump. This illustrates how to set a repeating power cycle for appliances.

1. Press the **CD** button to enter Countdown Mode.
2. Press **CD** again to cycle through Countdown (CD) and Cycle Countdown (CO) modes. Select **CO**.
3. Use **HOUR** and **MIN** buttons to set the desired ON duration.
4. Press **TIMER** to switch to the OFF duration setting.

5. Use **HOUR** and **MIN** buttons to set the desired OFF duration.
6. Press **ON/AUTO/OFF** button to start the cycle. The display will show "CO" and the current countdown.

5.3 Countdown Mode

This mode allows the timer to turn an appliance ON or OFF after a set duration.



Image: The Maxcio SD-TM01 timer in Countdown Mode, showing a countdown of 2:00:13. The timer is plugged into a wall socket, suggesting its use for energy saving by automatically turning off devices after a set duration.

1. Press the **CD** button to enter Countdown Mode. Ensure "CD" is displayed.
2. Use **HOUR** and **MIN** buttons to set the desired countdown duration.

3. Press **ON/AUTO/OFF** button to start the countdown. The display will show "CD" and the remaining time.
4. The appliance will turn ON or OFF (depending on its initial state) after the countdown finishes.

5.4 Random Mode

The Random Mode turns connected appliances ON and OFF at irregular intervals, simulating occupancy to deter intruders.

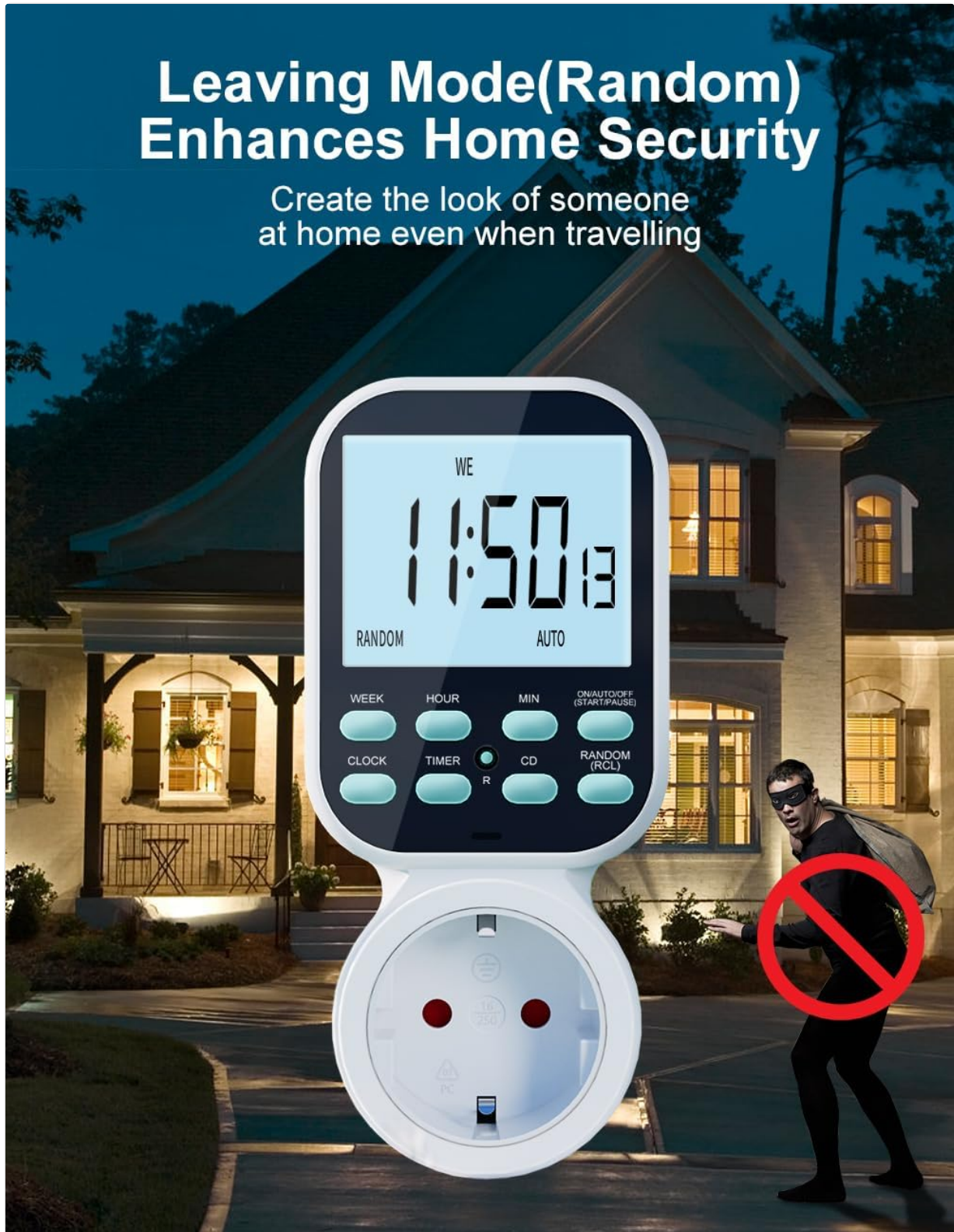


Image: The Maxcio SD-TM01 timer in 'RANDOM' mode, plugged into a wall socket outside a house at night, with a silhouette of a burglar in the foreground. This illustrates the 'Leaving Mode' feature designed to enhance home security by randomly turning lights or appliances ON/OFF.

1. Press the **RANDOM (RCL)** button to activate Random Mode. The display will show "RANDOM".
2. In this mode, the timer will randomly turn the connected appliance ON and OFF within a set time window (e.g., 6 PM to 6 AM).
3. Press **RANDOM (RCL)** again to deactivate Random Mode.

6. SPECIAL FEATURES

6.1 Daylight Saving Time (DST)

The timer includes a function to easily adjust for Daylight Saving Time.



Image: Demonstration of the Daylight Saving Time (DST) feature of the Maxcio SD-TM01 timer, showing a 'RANDOM SUMMER' setting. One side shows a summer scene with a sun icon, and the other a winter scene with a snowflake icon, indicating easy switching for seasonal time changes.

To activate/deactivate DST, press and hold the **CLOCK** button and then press the **ON/AUTO/OFF** button simultaneously. The display will show a summer/winter icon to indicate DST status.

6.2 Child Lock

The Child Lock function prevents accidental changes to the timer settings.

To activate Child Lock, press and hold the **CLOCK** button and then press the **CD** button simultaneously. A lock icon will appear on the display. Repeat the action to deactivate.

6.3 Backlit LCD Display

The timer features a backlit LCD display for improved visibility in low-light conditions and from various viewing angles.

LCD Display with Backlit Easy to read in the dark

180° View Angle from Multiple Angles



Image: Highlighting the backlit LCD display of the Maxcio SD-TM01 timer, showing its readability from various angles in a dark environment. The display shows 11:50 and 'AUTO' mode.

7. MAINTENANCE

- Clean the timer with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- Store the timer in a cool, dry place when not in use.
- The internal battery is rechargeable and designed to retain settings during power outages. If the display is dim or blank, plug the timer into an outlet for a few hours to recharge.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank or dim.	Internal battery is low.	Plug the timer into a wall outlet for at least 15 minutes to recharge.
Timer does not turn ON/OFF at programmed times.	<ul style="list-style-type: none">• Incorrect program settings.• Timer is in OFF or ON mode instead of AUTO.• Child Lock is active.	<ul style="list-style-type: none">• Review and correct program settings.• Press ON/AUTO/OFF button until "AUTO" is displayed.• Deactivate Child Lock.
Cannot change settings.	Child Lock is active.	Deactivate Child Lock (press and hold CLOCK + CD).
Random mode not working as expected.	Incorrect time window or setting.	Ensure the current time is set correctly and Random mode is activated.

9. SPECIFICATIONS

Feature	Specification
Brand	Maxcio
Model Number	SD-TM01
Material	Plastic
Item Weight	50 Grams
Product Dimensions (L x W x H)	3.9 x 5.4 x 13.4 cm
Number of Programs	Up to 20
Display	Backlit LCD
Battery	Rechargeable (for settings retention)

10. WARRANTY AND SUPPORT

Maxcio products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Maxcio website. Please retain your proof of purchase for warranty claims.

