

Maxcio TM02-EU

Maxcio Programmable Digital Plug Timer TM02-EU User Manual

Model: TM02-EU

1. INTRODUCTION

Thank you for choosing the Maxcio Programmable Digital Plug Timer TM02-EU. This device is designed to automate the switching of electrical appliances, helping you save energy and enhance convenience in your home or office. It features a large LCD display, multiple programming options including daily and weekly schedules, Summer Time (DST) adjustment, and an anti-theft random function. Please read this manual carefully before use to ensure proper operation and to maximize the benefits of your new timer.

2. SAFETY INSTRUCTIONS

- **Indoor Use Only:** This timer is designed for indoor use in dry conditions. Do not expose it to rain, moisture, or extreme temperatures.
- **Electrical Rating:** Do not exceed the maximum load of 16A / 3680W. Overloading can cause damage to the timer, appliances, and may pose a fire hazard.
- **Grounding:** Ensure the timer is plugged into a properly grounded outlet.
- **Cleaning:** Disconnect from power before cleaning. Use a dry, soft cloth. Do not use liquid cleaners.
- **Children:** Keep out of reach of children.
- **Disassembly:** Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

- 1 x Maxcio Programmable Digital Plug Timer (Model: TM02-EU)
- 1 x User Manual
- 1 x Reset Pin (small metal tool)

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Maxcio Digital Plug Timer:

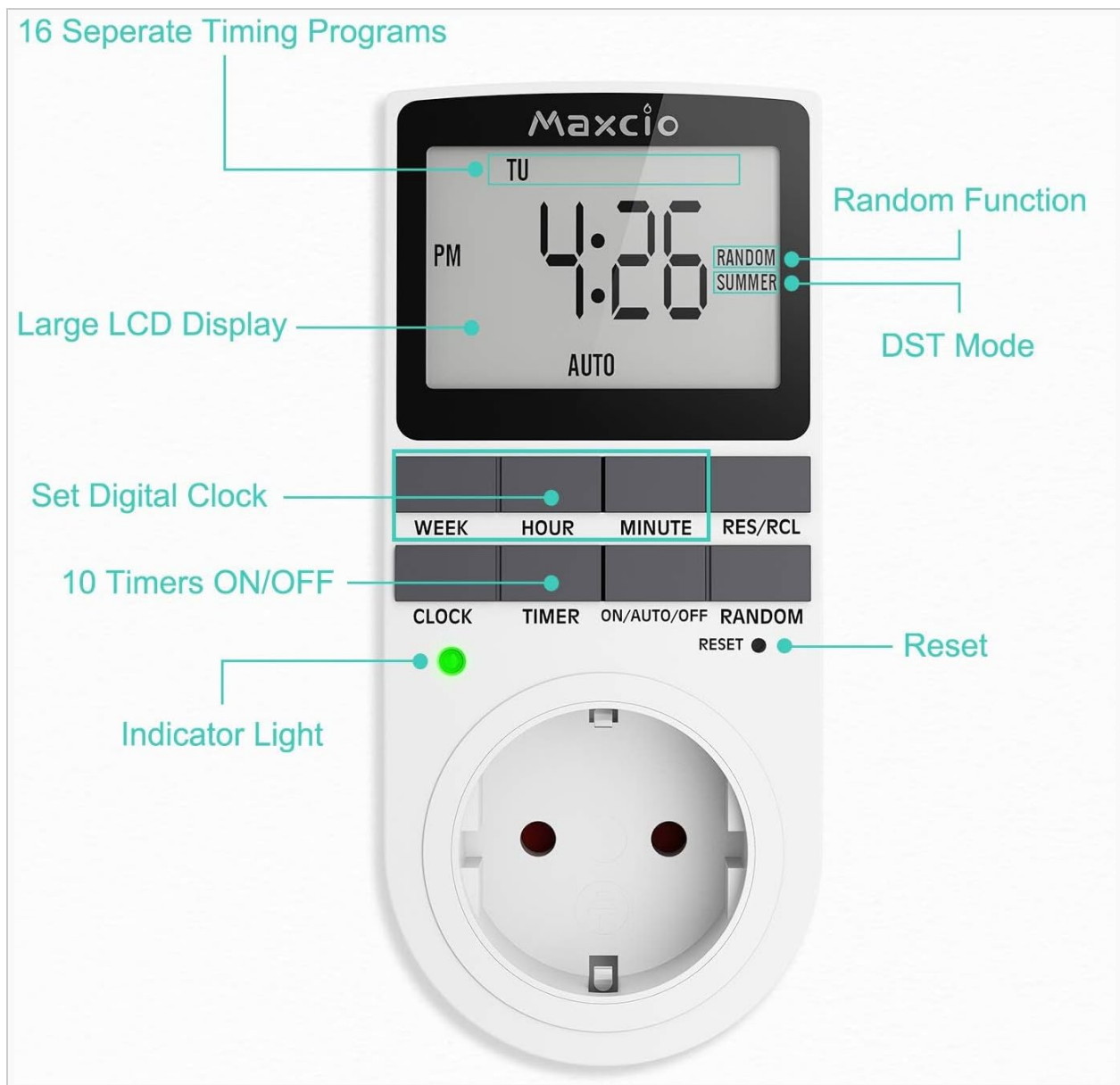


Image 4.1: Labeled diagram of the Maxcio Digital Plug Timer. This image highlights the Large LCD Display, Week, Hour, Minute, RES/RCL, Clock, Timer ON/AUTO/OFF RANDOM, Reset buttons, and the Indicator Light. It also points to the 16 separate timing programs and the Random Function.

- **Large LCD Display:** Shows current time, day, operating mode, and program settings.
- **WEEK Button:** Used to set the day of the week.
- **HOUR Button:** Used to set the hour.
- **MINUTE Button:** Used to set the minute.
- **RES/RCL Button:** Resets or recalls program settings.
- **CLOCK Button:** Enters/exits clock setting mode.
- **TIMER ON/AUTO/OFF RANDOM Button:** Cycles through operating modes and activates random function.
- **RESET Button:** Small button to clear all settings and reset the timer to factory defaults. Requires a small pin to press.
- **Indicator Light:** Illuminates when the timer's output socket is active.

5. SETUP AND INITIAL CONFIGURATION

5.1 Initial Charging and Reset

If the LCD display is blank when you first receive the timer, it means the internal battery is discharged. Plug the timer into a live wall outlet for approximately 30 minutes to charge the battery. The display should then become active.

After charging, or if you wish to clear all previous settings, perform a full reset:

1. Locate the small **RESET** button on the front of the timer (refer to Image 4.1).
2. Use the provided reset pin or a similar pointed object (e.g., a paperclip) to press and hold the **RESET** button for a few seconds until the display clears and shows '0:00'.
3. Release the button. The timer is now reset to factory defaults.

5.2 Setting the Current Time and Day

After resetting, set the current time and day:

1. Press the **CLOCK** button once. The display will show the current time and day.
2. While holding the **CLOCK** button, press the **WEEK** button repeatedly until the correct day of the week is displayed (MO, TU, WE, TH, FR, SA, SU).
3. While holding the **CLOCK** button, press the **HOURL** button repeatedly to set the correct hour.
4. While holding the **CLOCK** button, press the **MINUTE** button repeatedly to set the correct minute.
5. Release the **CLOCK** button. The current time and day are now set.

5.3 12/24 Hour Format and Summer Time (DST)

To switch between 12-hour and 24-hour format, press the **CLOCK** and **TIMER ON/AUTO/OFF RANDOM** buttons simultaneously.

To activate or deactivate Summer Time (Daylight Saving Time):



Image 5.1: The Maxcio Digital Plug Timer displaying 'SUMMER' mode, indicating the Summer Time function is active. The image also visually contrasts winter and summer scenes to illustrate the concept of daylight saving.

1. Press the **CLOCK** and **RES/RCL** buttons simultaneously.
2. The display will show 'SUMMER' or 'WINTER' (or similar indicator) and the time will adjust by one hour forward or backward.
3. Repeat the action to toggle the Summer Time function.

6. PROGRAMMING ON/OFF TIMES

The timer allows for up to 10 ON/OFF programs per day or across selected days of the week. Each program consists of an ON time and an OFF time.



Image 6.1: The Maxcio Digital Plug Timer centrally positioned, surrounded by icons representing various household appliances such as a microwave, fan, television, and lamp. This visual demonstrates the timer's versatility and its capacity for 10 distinct ON/OFF programs to control different devices.

1. Press the **TIMER ON/AUTO/OFF RANDOM** button once. The display will show '1 ON' and '0:00'. This is for setting the first ON time.
2. Press the **WEEK** button repeatedly to select the desired day(s) for this program. Options include individual days, weekdays, weekends, or all 7 days.
3. Press the **HOUR** button to set the desired hour for the ON time.
4. Press the **MINUTE** button to set the desired minute for the ON time.
5. Press the **TIMER ON/AUTO/OFF RANDOM** button again. The display will now show '1 OFF' and '0:00'. This is for setting the first OFF time.
6. Repeat steps 2-4 to set the desired day(s), hour, and minute for the OFF time.
7. Press the **TIMER ON/AUTO/OFF RANDOM** button to advance to the next program ('2 ON', '2 OFF', etc.) or to return to the clock display after setting all desired programs.
8. To exit programming mode at any time, press the **CLOCK** button.

Note: If you wish to clear a specific program, navigate to that program's ON or OFF setting and press the **RES/RCL** button. This will clear the setting. Pressing **RES/RCL** again will recall the setting.

7. OPERATING MODES

The Maxcio Digital Plug Timer offers several operating modes:

- **AUTO ON:** The timer will automatically turn ON the connected appliance at the programmed ON times.
- **AUTO OFF:** The timer will automatically turn OFF the connected appliance at the programmed OFF times.
- **ON:** The connected appliance is continuously ON, overriding all programs.
- **OFF:** The connected appliance is continuously OFF, overriding all programs.
- **RANDOM:** Activates the anti-theft random function.

To cycle through these modes, press the **TIMER ON/AUTO/OFF RANDOM** button repeatedly when the timer is in clock display mode.

7.1 Random Function (Anti-Theft Mode)

The random function is designed to simulate occupancy when you are away, enhancing home security. When activated, the timer will randomly turn ON and OFF the connected appliance within a specific time window.



Image 7.1: The Maxcio Digital Plug Timer shown in an outdoor context, with a house in the background and a masked figure. This image visually represents the anti-theft random mode, which helps deter intruders by making it appear as though someone is home.

- The random function only operates with programs scheduled between 6:30 PM and 6:30 AM the next morning.
- In RANDOM mode, the timer will randomly turn the appliance on and off up to half an hour earlier or later than the assigned ON/OFF schedule.

To activate the random function, press the **TIMER ON/AUTO/OFF RANDOM** button until 'RANDOM' appears on the display.

8. MAINTENANCE

The Maxcio Digital Plug Timer requires minimal maintenance.

- **Cleaning:** Ensure the timer is unplugged from the wall outlet before cleaning. Wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse the unit in water.
- **Storage:** If storing the timer for an extended period, ensure it is clean and dry. Store in a cool, dry place away from direct sunlight and extreme temperatures.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank.	Internal battery discharged.	Plug the timer into a live outlet for 30 minutes to charge. Then perform a reset.
Programs are not running.	Timer is not in AUTO mode.	Press the TIMER ON/AUTO/OFF RANDOM button until 'AUTO ON' or 'AUTO OFF' is displayed.
Appliance is always ON/OFF.	Timer is in continuous ON or OFF mode.	Press the TIMER ON/AUTO/OFF RANDOM button until 'AUTO ON' or 'AUTO OFF' is displayed.
Incorrect time/day.	Time/day not set correctly or reset occurred.	Follow instructions in Section 5.2 to set the current time and day.
Random function not working.	Programs outside 6:30 PM - 6:30 AM window.	Ensure programmed ON/OFF times fall within the specified random function operating window.

If you encounter issues not listed here or require further assistance, please contact Maxcio customer service.

10. SPECIFICATIONS

SPECIFICATION:

Installation: Plug-in Type

Voltage: 230V-/50Hz

Rating: 230V-AC/16A/3680W

Operating Temperatures: -10...+40°C

Accuracy: ± 1 Min/Mon



Image 10.1: The Maxcio Digital Plug Timer with a 'SPECIFICATION' text overlay, detailing key technical information such as Voltage, Rating, and Operating Temperatures.

Feature	Detail
Model Number	TM02-EU
Installation Type	Plug-in Type
Voltage	AC 230 V / 50 Hz
Rated Power	230VAC / 16A / 3680W Max
Product Dimensions	5.4 x 3.9 x 13.4 cm
Item Weight	160 g
Material	Plastic
Operating Temperatures	-10°C to +40°C

Feature	Detail
Accuracy	± 1 Minute / Month
Display	Large LCD
Programs	Up to 10 ON/OFF programs per day
Functions	Standard, Summer Time (DST), Random Function

11. WARRANTY AND SUPPORT

Maxcio products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions.

For any questions, technical support, or warranty claims, please contact Maxcio customer service. The contact email address can typically be found in the product packaging or on the official Maxcio website. Our team is ready to assist you with any inquiries.