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› Maxcio TM02-FR Digital Programmable Timer Plug User Manual

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Maxcio TM02-FR Digital Programmable Timer Plug User Manual

Model: TM02-FR

Brand: Maxcio

1. INTRODUCTION

Thank you for choosing the Maxcio TM02-FR Digital Programmable Timer Plug. This device is designed to automate the power supply to your electrical appliances, helping you save energy and enhance home security. Please read this manual carefully to ensure proper use and optimal performance.



Figure 1: Maxcio TM02-FR Digital Programmable Timer Plug. This image shows the front of the timer plug, featuring its clear LCD screen, control buttons, and the integrated power outlet.

2. KEY FEATURES

- **Flexible Programming:** Offers 24-hour / 7-day programmable scheduling for automatic ON/OFF control of electrical appliances up to 2900W.
- **Multiple Programs:** Supports up to 10 distinct ON/OFF programs per day, with each program repeating weekly.
- **Energy Saving:** Automates appliance operation based on your defined schedule, reducing energy consumption.
- **Security Protection:** Features a random function for lighting or television, simulating presence to deter intruders during holidays.
- **User-Friendly Interface:** Equipped with a large LCD screen for clear visibility and easy setup.
- **Silent Operation:** Operates silently, making it suitable for use in bedrooms and other quiet environments.
- **Wide Application:** Ideal for home lighting, festive decorations, kitchen appliances, aquarium lighting, and various other household devices.
- **Built-in Backup Battery:** Retains settings during power outages.

EASY HOME AUTONATION

Up to 10 Times ON / OFF Setting per Day

Anti-Theft Random Function

Programmable 24 Hours / 7 Days

Completely Silent for Bedroom Using

Standard Time/DST Mode

Built-in Backup Battery for Emergency



Figure 2: Overview of Maxcio TM02-FR features. This image highlights key functionalities such as 10 ON/OFF settings per day, 24/7 programmability, standard time/DST mode, anti-theft random function, silent operation, and built-in backup battery.

3. PRODUCT OVERVIEW

3.1 Components and Display

The Maxcio TM02-FR features a clear LCD display and intuitive buttons for easy configuration and control.



Figure 3: Labeled diagram of the timer plug. This image details the LCD screen, showing the current time, day, and status indicators (PM, RANDOM, SUMMER, AUTO). It also labels the function buttons: WEEK, HOUR, MINUTE, RES/RCL, CLOCK, TIMER, ON/AUTO/OFF, RANDOM, and the RESET button, along with the indicator light.

LCD Display: Shows current time, day, operating mode (AUTO, ON, OFF), and special functions (RANDOM, SUMMER).

Buttons:

- **WEEK:** Sets the day of the week.
- **HOUR:** Sets the hour.

- **MINUTE:** Sets the minute.
- **RES/RCL:** Resets or recalls program settings.
- **CLOCK:** Enters clock setting mode or returns to current time display.
- **TIMER:** Enters program setting mode.
- **ON/AUTO/OFF:** Selects manual ON, automatic, or manual OFF mode.
- **RANDOM:** Activates or deactivates the random function.
- **RESET:** Small button to clear all settings (requires a pointed object).

4. SETUP INSTRUCTIONS

4.1 Initial Charging

Before first use, plug the timer into a standard wall outlet for approximately 5-10 minutes to charge the internal NiMH battery. This battery maintains your settings during power outages or when the timer is unplugged.

4.2 Resetting the Device

If the display is blank or shows abnormal characters, or if you wish to clear all previous settings, press the **RESET** button using a small, pointed object (e.g., a paperclip). This will clear all programs and current time settings.

4.3 Setting Current Time

1. Press the **CLOCK** button. The display will show the current time.
2. Press and hold the **CLOCK** button, then simultaneously press the **WEEK** button to set the current day.
3. While holding **CLOCK**, press the **HOUR** button to set the current hour.
4. While holding **CLOCK**, press the **MINUTE** button to set the current minute.
5. Release the **CLOCK** button. The time is now set.

4.4 Daylight Saving Time (DST)

To adjust for Daylight Saving Time:

- Press and hold the **CLOCK** button, then simultaneously press the **ON/AUTO/OFF** button. The display will show "SUMMER" and the time will advance by one hour.
- Repeat the process to revert to standard time. The "SUMMER" indicator will disappear, and the time will go back one hour.



Figure 4: Winter and Summer time settings. This image illustrates how the timer plug's display changes to indicate "SUMMER" mode, adjusting the time for daylight saving.

5. OPERATING INSTRUCTIONS

5.1 Programming ON/OFF Schedules

The timer allows you to set up to 10 distinct ON/OFF programs for various days or groups of days.



Figure 5: 10 ON/OFF Programs. This image shows the timer plug connected to various appliances (microwave, diffuser, TV, fan, lamp), illustrating its versatility and the ability to define 10 ON and 10 OFF times for automated control.

1. Press the **TIMER** button. The display will show "1 ON" (Program 1 ON time).
2. Press the **WEEK** button 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 ON hour.
4. Press the **MINUTE** button to set the ON minute.
5. Press the **TIMER** button again. The display will show "1 OFF" (Program 1 OFF time).
6. Repeat steps 2-4 to set the OFF day(s), hour, and minute for Program 1.
7. Continue pressing the **TIMER** button to cycle through and set up to 10 ON/OFF programs ("2 ON", "2 OFF", ..., "10 ON", "10 OFF").
8. After setting all desired programs, press the **CLOCK** button to return to the current time display.

5.2 Manual Override (ON/AUTO/OFF)

To manually control the timer's output, press the **ON/AUTO/OFF** button. The modes will cycle as follows:

- **ON:** The connected appliance will remain ON continuously, overriding all programs.
- **AUTO:** The connected appliance will operate according to the programmed ON/OFF schedules. This is the standard operating mode for automation.
- **OFF:** The connected appliance will remain OFF continuously, overriding all programs.

Ensure the timer is in **AUTO** mode for your programs to function.

5.3 Random Function (Anti-Theft Mode)

The random function is designed to simulate occupancy by randomly turning the connected appliance ON and OFF within a specific time window, typically when you are away.



Figure 6: Anti-Theft Random Mode. This image visually explains how the random function works by showing lights turning on and off in a house, creating the illusion of someone being home to deter potential intruders.

To activate the random function:

1. Press the **RANDOM** button. The "RANDOM" indicator will appear on the LCD.
2. In random mode, the timer will turn ON and OFF at irregular intervals between 6:00 PM and 6:00 AM.
3. To deactivate, press the **RANDOM** button again. The "RANDOM" indicator will disappear.

5.4 Application Examples



Figure 7: Home Automation Examples. This image shows two timer plugs in use, one with a toaster and another with a coffee maker, demonstrating how the device can be integrated into daily routines for convenience and energy efficiency.



Figure 8: Silent Operation. This image highlights the quiet nature of the digital timer, showing it in a bedroom setting next to a sleeping child, emphasizing its suitability for environments where noise is a concern, unlike traditional mechanical timers.

6. MAINTENANCE

6.1 Care and Cleaning

To ensure the longevity and proper functioning of your timer plug:

- Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Do not immerse the device in water or expose it to excessive moisture.
- Keep the device away from direct sunlight and extreme temperatures.

6.2 Battery Information

The timer contains a built-in rechargeable NiMH 1.2V battery. This battery is designed to retain settings for over 100 hours when the device is unplugged. If the timer is stored for extended periods, it is recommended to plug it in periodically to

maintain the battery charge.

7. TROUBLESHOOTING

- **Display is blank or shows abnormal characters:** The internal battery may be depleted. Plug the timer into an outlet for 5-10 minutes to charge it, then press the **RESET** button.
- **Programs are not running:** Ensure the timer is in **AUTO** mode. Check that the current time is set correctly and that the ON/OFF times for your programs are valid.
- **Appliance does not turn ON/OFF:** Verify that the appliance is properly plugged into the timer and that the timer is securely plugged into the wall outlet. Check the appliance's own power switch.
- **Random function not working:** Ensure the "RANDOM" indicator is visible on the LCD. The random function operates between 6:00 PM and 6:00 AM.
- **Cannot set time or programs:** Press the **RESET** button and try again. Ensure you are following the steps outlined in sections 4.3 and 5.1.

8. TECHNICAL SPECIFICATIONS

Specification	Value
Brand	Maxcio
Model Number	TM02-FR
Installation	Plug-in
Voltage	230V / 50Hz
Operating Current	16 A
Max Power	3680 W
Operating Temperatures	-10°C to +40°C
Accuracy	± 1 Minute
Battery	NiMH 1.2V (retains settings > 100 hours)
Material	Plastic
Product Dimensions (L x W x H)	5 x 7 x 6 cm
Item Weight	210 g

SPÉCIFICATIONS:

Installation: Insérer

Tension: 230V / 50Hz

Courant d'utilisation: 16 A

Puissance Max: 3680 W

Températures de fonctionnement: -10°C à +40 °C

Précision: ± 1 Min

Batterie: NIMH 1.2V > 100 heures



Figure 9: Technical Specifications. This image provides a visual summary of the timer plug's key technical details, including installation type, voltage, current, max power, operating temperatures, accuracy, and battery type.

9. SUPPORT AND WARRANTY

For any questions, technical assistance, or warranty inquiries regarding your Maxcio TM02-FR Digital Programmable Timer Plug, please contact the seller or Maxcio customer support. Please refer to your purchase documentation for specific warranty terms and contact 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.

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