

111 KWE-TM02

111 KWE-TM02 Digital Electronic Timer Socket Instruction Manual

1. INTRODUCTION

The 111 KWE-TM02 Digital Electronic Timer Socket is designed to automatically control the power supply to various electrical appliances. This device allows you to set specific ON/OFF times over a 7-day period, providing convenience and energy efficiency for household or office equipment such as lighting, heating, or other electronics. Its plug-in design and clear LCD display make it user-friendly for programming and operation.

2. SAFETY INFORMATION

- Ensure the timer is correctly plugged into a suitable power outlet (230V, 50Hz).
- Do not exceed the maximum load capacity of 16A / 3680W. Overloading can cause damage to the device or connected appliances and poses a fire risk.
- Do not immerse the timer in water or expose it to excessive moisture.
- Do not attempt to open or repair the device. Refer all servicing to qualified personnel.
- Keep out of reach of children.
- Ensure the appliance connected to the timer is in good working condition and suitable for automatic operation.

3. PRODUCT FEATURES

- **Large LCD Display:** Provides clear and easy-to-read time and program settings.
- **High Load Capacity:** Supports up to 16A / 3680W, suitable for various appliances.
- **Plug-in Design:** Simple and convenient installation.
- **Key-based Timer Function:** Intuitive buttons for setting time and programs.
- **Comprehensive Time Setting:** Allows programming by hour, minute, and week.

- **Summer & Winter Time Mode:** Easily adjust for daylight saving changes.
- **Random Function:** Provides security by varying ON/OFF times within a set period.
- **12/24 Hour Mode:** Select preferred time display format.
- **Integrated Rechargeable Battery:** Maintains settings during power outages.
- **High Accuracy:** Features a CMOS chip for precise timing and strong anti-jamming capabilities.

4. PACKAGE CONTENTS

Upon opening the package, please verify that all items are present and in good condition:

- 1 x KWE-TM02 Digital Timer Socket (EU, US, UK, or AU plug type, as purchased)
- 1 x English Instruction Manual

5. SETUP

5.1 Initial Power-Up and Battery Charging

The timer socket contains a built-in rechargeable NiMH 1.2V battery. Before first use, plug the timer into a live power outlet for approximately 4 hours to ensure the internal battery is fully charged. This battery retains your programmed settings during power interruptions.

5.2 Setting the Current Time

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

5.3 12/24 Hour Mode Selection

To switch between 12-hour (AM/PM) and 24-hour formats, press the **CLOCK** button and the **TIMER** button simultaneously.

5.4 Summer/Winter Time Adjustment

To activate or deactivate the Summer/Winter time function, press the **CLOCK** button and the **ON/AUTO/OFF** button simultaneously. The display will indicate when Summer time is active.



Figure 1: Front view of the KWE-TM02 Digital Electronic Timer Socket, showing the LCD display, control buttons (WEEK, HOUR, MINUTE, RES/RCL, CLOCK, TIMER, ON/AUTO/OFF, RANDOM), and the power outlet.

6. OPERATING INSTRUCTIONS

6.1 Programming ON/OFF Times

The timer allows for multiple ON/OFF programs. Follow these steps to set a program:

1. Press the **TIMER** button. The display will show '1 ON' indicating the first ON program setting.
2. Press the **WEEK** button to select the 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** button again. The display will show '1 OFF' for the first OFF program setting.
6. Repeat steps 2-4 to set the day(s), hour, and minute for the 'OFF' time.
7. Continue pressing the **TIMER** button to cycle through and set additional ON/OFF programs (e.g., '2 ON', '2 OFF', etc.).
8. Once all desired programs are set, press the **CLOCK** button to return to the current time display.

6.2 Activating Programs (ON/AUTO/OFF Mode)

After programming, you need to select the operating mode:

- Press the **ON/AUTO/OFF** button repeatedly to cycle through the modes:
- **ON**: The timer output is continuously ON, ignoring all programs.
- **OFF**: The timer output is continuously OFF, ignoring all programs.
- **AUTO**: The timer operates according to the programmed ON/OFF times. Ensure the timer is in **AUTO** mode for your programs to function.

6.3 Using the Random Function

The random function can be used to deter intruders by making it appear as if someone is home. When activated, the timer will randomly turn ON or OFF within a specified time window (e.g., 10-30 minutes before or after a programmed time).

- To activate the random function, press the **RANDOM** button. The display will show 'R' or 'RANDOM'.
- To deactivate, press the **RANDOM** button again.

6.4 Resetting Programs (RES/RCL)

To clear a specific program or recall a deleted program:

- While in program setting mode (after pressing **TIMER**), navigate to the program you wish to clear.
- Press the **RES/RCL** button. This will clear the current ON or OFF setting.
- Pressing **RES/RCL** again will recall the last cleared setting.

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Keys Timer Function

Big LCD display, easy to read



Figure 2: The KWE-TM02 timer socket, emphasizing its large LCD display for easy reading and the array of keys for timer functions.

7. MAINTENANCE

7.1 Cleaning

To clean the timer socket, first unplug it from the power outlet. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners, abrasive materials, or solvents, as these can damage the device.

7.2 Battery Information

The KWE-TM02 features a built-in, non-removable NiMH 1.2V rechargeable battery. This battery is designed to maintain your settings for over 100 hours during power outages. If the timer is stored for extended periods without power, the battery may discharge. Reconnect it to a power outlet for several hours to recharge.

8. TROUBLESHOOTING

- **Display is blank or dim:** Ensure the timer is plugged into a live power outlet. The internal battery might be depleted; allow it to charge for a few hours.

- **Programs are not activating:** Check that the timer is set to **AUTO** mode. Verify that the current time and programmed times are set correctly.
- **Device not responding to button presses:** The timer may require a full reset. Locate the small **RESET** pinhole (usually next to the **RANDOM** button) and use a pointed object (like a paperclip) to press the internal button. This will clear all settings and require reprogramming.
- **Appliance not turning ON/OFF:** Ensure the appliance is correctly plugged into the timer socket and is functioning independently. Check the timer's load capacity is not exceeded.



Figure 3: The timer socket displaying '000 AUTO', indicating it is in automatic mode with no specific program number

active.

9. SPECIFICATIONS

Specification	Detail
Model	KWE-TM02
Installation Type	Plug-in Type
Rating	230V-AC / 16A / 3680W
Minimum Setting Time	1 Minute
Operating Temperatures	-10°C to +40°C
Accuracy	±1 Minute per month
Battery	NiMH 1.2V (built-in, non-removable)
Battery Work Life	>100 hours (power reserve)
Item Size	60mm (W) x 76mm (D) x 134mm (H)
Color	White

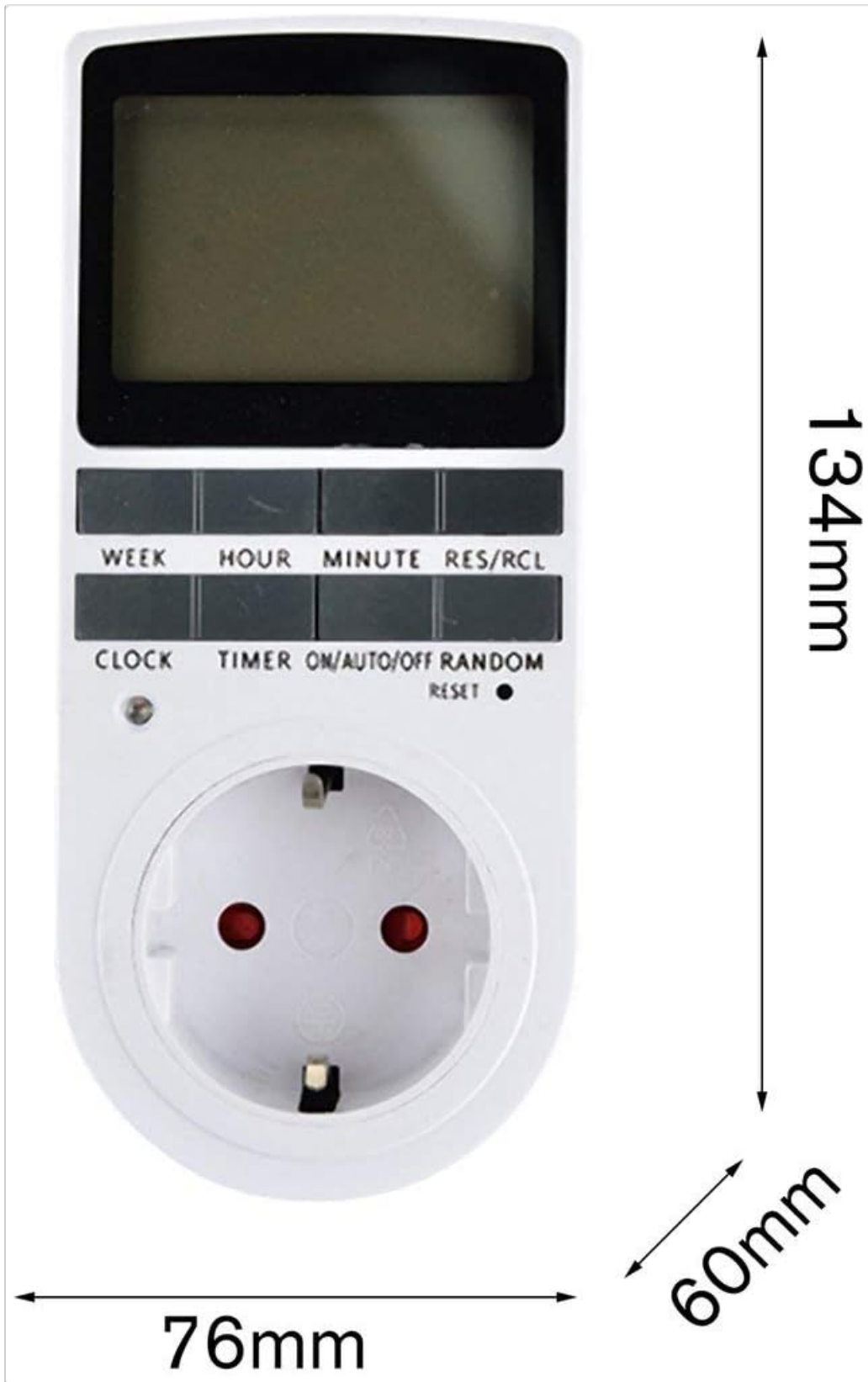
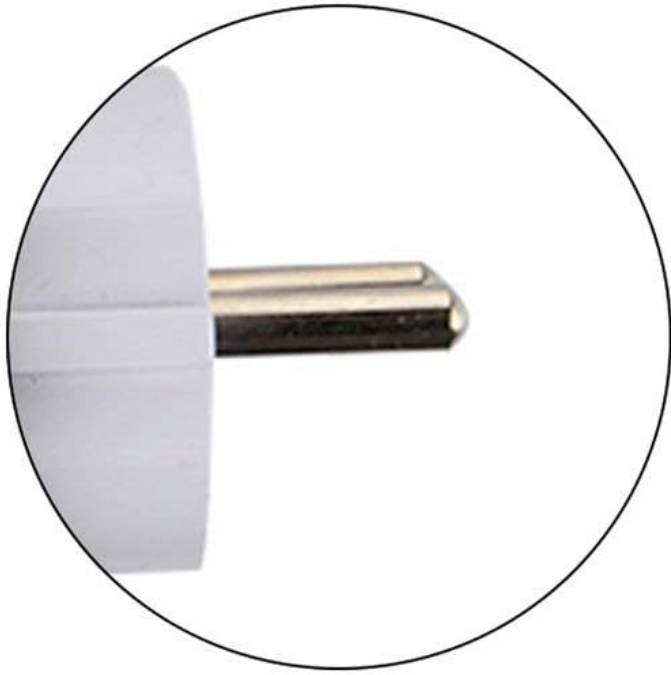


Figure 4: Dimensions of the KWE-TM02 Digital Electronic Timer Socket.



Plug Type: EU plug



Figure 5: Detail of the EU plug type for the KWE-TM02 timer socket.



Figure 6: Various plug types available for the KWE-TM02 timer socket, including EU, AU, US, and UK.

10. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. For specific warranty terms, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support, troubleshooting assistance, or inquiries regarding product functionality, please contact the seller or manufacturer directly through their official support channels.

