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## Sygonix SY-4504968

# Sygonix SY-4504968 Digital Built-in Timer User Manual

Model: SY-4504968

## 1. INTRODUCTION

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The Sygonix SY-4504968 Digital Timer is designed for automated control of electrical devices, such as lighting, in homes or offices. This versatile timer offers 15 programmable configurations, including weekly settings, allowing for up to 20 switching times per day, totaling 140 switching points per week. It features automatic summer and winter time adjustment, a countdown function, and a random mode. The timer supports both flush and surface mounting.

Please read this manual thoroughly before installation and operation to ensure correct usage and to prevent damage.



**Figure 1:** Front view of the Sygonix SY-4504968 Digital Built-in Timer, showing the digital display and the main power button.

## 2. SAFETY INSTRUCTIONS

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- Installation must be performed by a qualified electrician in accordance with local electrical codes and regulations.
- Ensure the power supply is disconnected before installation, maintenance, or any wiring work.
- The device requires a neutral wire for operation. Verify its presence in your electrical box.
- Do not exceed the maximum load capacity of 1800 W.
- Do not expose the device to moisture, extreme temperatures, or direct sunlight.

- Do not attempt to disassemble or modify the device. Refer all servicing to qualified personnel.

### 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- Sygonix SY-4504968 Digital Built-in Timer
- Surface mount frame
- Mounting screws and wall plugs
- Instruction manual

### 4. PRODUCT OVERVIEW

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The timer features a digital display and control buttons located behind a protective cover.



**Figure 2:** Close-up view of the timer's digital display, showing time, day (TU for Tuesday), and 'PROG' and 'ON' indicators.



**Figure 3:** The timer with its protective cover open, revealing the control buttons for programming and settings.

#### 4.1. Display Indicators

- **Time Display:** Shows current time in HH:MM format.
- **Day Indicator:** Displays the current day of the week (e.g., MO, TU, WE).
- **PROG:** Indicates that a program is active or being set.
- **ON/OFF:** Indicates the current switching state of the connected device.

#### 4.2. Control Buttons (behind cover)

- **Clock/Set Button:** Used to set the current time and day.
- **PROG Button:** Enters program setting mode.
- **RND (Random) Button:** Activates/deactivates random switching mode.

- **CD (Countdown) Button:** Activates/deactivates countdown function.
- **+/- Buttons:** Used to adjust values (time, program settings).
- **R (Reset) Button:** Resets the timer to factory defaults.

## 5. INSTALLATION

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The timer can be installed either flush-mounted into a wall box or surface-mounted using the provided frame.

### 5.1. Wiring Diagram

**Important:** Ensure the main power supply is switched off before proceeding with any wiring. This device requires a neutral wire connection.

Connect the Live (L), Neutral (N), and Switched Live (L') wires according to the diagram provided with the product. The neutral wire is essential for the timer's internal clock and display to function.

### 5.2. Flush Mounting

1. Prepare a standard wall box (minimum depth of 50mm recommended for easier wiring).
2. Connect the electrical wires to the terminals on the back of the timer as per the wiring diagram.
3. Carefully push the timer into the wall box, ensuring wires are not pinched.
4. Secure the timer to the wall box using the provided screws.
5. Attach the front cover plate.



**Figure 4:** The digital timer flush-mounted into a wall, blending with the room's decor.

### 5.3. Surface Mounting

1. Attach the surface mount frame to the wall using the provided screws and wall plugs.
2. Connect the electrical wires to the terminals on the back of the timer.

3. Insert the timer into the surface mount frame, ensuring a secure fit.
4. Attach the front cover plate.



Figure 5: Side view of the timer, illustrating its depth for installation considerations.

## 6. SETUP

### 6.1. Initial Power-On and Reset

After installation and restoring power, the display will light up. If the display is erratic or shows incorrect values, press the **R (Reset)** button with a pointed object (e.g., a pen tip) to clear all settings and restore factory defaults.

### 6.2. Setting Current Time and Day

1. Open the protective cover to access the control buttons.
2. Press and hold the **Clock/Set** button for approximately 3 seconds until the time display flashes.
3. Use the **+/-** buttons to adjust the hour. Press **Clock/Set** again to confirm and move to minutes.
4. Use the **+/-** buttons to adjust the minutes. Press **Clock/Set** again to confirm and move to day.

5. Use the +/- buttons to select the current day of the week (MO, TU, WE, TH, FR, SA, SU).
6. Press **Clock/Set** one last time to save the settings and exit the time setting mode.

### 6.3. Automatic Summer/Winter Time Adjustment

The timer is equipped with an automatic summer/winter time adjustment feature. This function typically activates automatically based on pre-programmed dates. No manual intervention is usually required for this feature.

## 7. OPERATING

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### 7.1. Programming Weekly Schedules

The timer allows for up to 15 different program configurations, with 20 switching times per day, totaling 140 switching points per week.

1. Press the **PROG** button to enter program setting mode. The display will show '1 ON' (for program 1, switch-on time).
2. Use the +/- buttons to set the desired switch-on hour. Press **PROG** to confirm and move to minutes.
3. Use the +/- buttons to set the desired switch-on minutes. Press **PROG** to confirm and move to day selection.
4. Use the +/- buttons to select the day(s) for this program. You can choose individual days, blocks of days (e.g., MO-FR), or all days. Press **PROG** to confirm.
5. The display will now show '1 OFF' (for program 1, switch-off time). Repeat steps 2-4 to set the switch-off time and day(s) for this program.
6. After setting the 'OFF' time, press **PROG** again to move to the next program ('2 ON') or to exit program setting mode if no more programs are needed.
7. To exit program mode at any time, press the **Clock/Set** button.

### 7.2. Countdown Function

The countdown function allows you to set a specific duration after which the connected device will switch ON or OFF.

1. Press the **CD (Countdown)** button. The display will show 'CD' and a default countdown time.
2. Use the +/- buttons to adjust the desired countdown duration (hours and minutes).
3. Press **CD** again to start the countdown. The device will switch its state (ON to OFF, or OFF to ON) once the countdown finishes.
4. To cancel the countdown, press the **CD** button again during the countdown.

### 7.3. Random Mode

The random mode switches the connected device ON and OFF at irregular intervals, simulating presence for security purposes.

1. Press the **RND (Random)** button. The display will show 'RND'.
2. The timer will now activate and deactivate the connected device at random times within a predefined period (e.g., 30 minutes to 2 hours).
3. To deactivate random mode, press the **RND** button again. The 'RND' indicator will disappear.

## 8. MAINTENANCE

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- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- The internal battery (if present for memory backup) is typically long-lasting and not user-replaceable. If the timer loses settings during power outages, the battery may need professional replacement.

## 9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer display is blank.	No power supply; internal battery depleted.	Check power connection. If power is present, the internal battery may need replacement (professional service recommended).
Timer does not switch connected device.	Incorrect wiring; program not activated; device faulty.	Verify wiring (especially neutral connection). Ensure programs are correctly set and activated. Test the connected device independently.
Settings are lost after power outage.	Internal backup battery depleted.	The internal battery needs replacement. Contact customer support or a qualified technician.
Cannot set time/program.	Incorrect button sequence; device frozen.	Refer to the 'Setup' and 'Operating' sections. Press the <b>R (Reset)</b> button to clear and try again.

## 10. SPECIFICATIONS


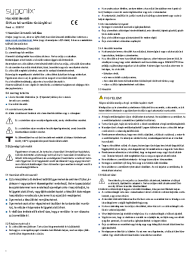


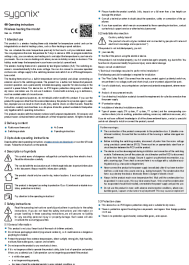

- **Model:** SY-4504968
- **Manufacturer:** Sygonix
- **Voltage:** 230 Volts
- **Max. Load:** 1800 W
- **Product Dimensions (L x W x H):** 12 x 9 x 8 cm
- **Weight:** 230 grams
- **Display Type:** Digital
- **Number of Programs:** 15
- **Switching Points:** Up to 140 per week (20 per day)
- **Batteries Required:** Yes (for internal clock/memory backup, typically not user-replaceable)

## 11. WARRANTY AND SUPPORT

Sygonix products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your purchase or visit the official Sygonix website. For technical support, troubleshooting assistance, or spare parts, please contact your retailer or the Sygonix customer service department.



## Related Documents - SY-4504968

	<p><a href="#">Sygonix 2252484 Interruttore della Luce con Timer: Manuale Utente e Istruzioni</a></p> <p>Manuale utente completo per l'interruttore della luce digitale Sygonix 2252484, che copre installazione, programmazione, funzioni come conto alla rovescia e commutazione casuale, sicurezza e smaltimento. Questo dispositivo consente il controllo automatizzato dei dispositivi elettrici in base a orari prestabiliti.</p>
	<p><a href="#">Sygonix 50W Wall Fan with Remote Control User Manual</a></p> <p>This user manual provides instructions for the Sygonix 50W Wall Fan with Remote Control (Order No. 3330717). It covers intended use, safety precautions, assembly, operation, cleaning, maintenance, and technical specifications.</p>
	<p><a href="#">Sygonix SY-6097868 RFID Access Control System with Fingerprint Reader - User Manual</a></p> <p>User manual for the Sygonix SY-6097868 RFID access control system with fingerprint reader. Covers purpose, scope of delivery, safety precautions, installation, wiring, programming, and troubleshooting.</p>
	<p><a href="#">Sygonix SY-RS-200 Smart Wi-Fi Socket: Operating Instructions and Safety Information</a></p> <p>Comprehensive operating instructions and safety guidelines for the Sygonix SY-RS-200 Smart Wi-Fi Socket, detailing setup, usage, and technical specifications.</p>
	<p><a href="#">Sygonix Wireless Heating Thermostat Operating Instructions - Item 2735095</a></p> <p>Detailed operating instructions for the Sygonix wireless heating thermostat (Item no. 2735095). Learn about intended use, installation, operation, programming, safety, and technical specifications for efficient home temperature control.</p>
	<p><a href="#">Sygonix 2522646 Adapter with Switch - User Manual and Safety Guide</a></p> <p>Comprehensive user manual for the Sygonix 2522646 adapter with switch. Learn about its features, safe operation, installation, maintenance, and disposal. Includes technical specifications and safety warnings for indoor use.</p>

