

SINOTIMER TM922

SINOTIMER TM922 Programmable Timer Instruction Manual

Model: TM922

Brand: SINOTIMER

1. PRODUCT OVERVIEW

The SINOTIMER TM922 is a versatile 2-channel programmable timer switch designed for precise control of electrical equipment. It features a large LCD display with blue backlight for easy readability and two independent 16A relay outputs, allowing simultaneous control of two separate devices or systems. This timer supports up to 8 ON/OFF programs per day and 15 combinations per week, enabling automated scheduling for various applications.





Figure 1: Front view of the SINOTIMER TM922 programmable timer, showing the blue LCD display and control buttons.

2. KEY FEATURES

- **Dual Independent Outputs:** Two 16A relay outputs for controlling two separate devices or systems.
- **Programmable Schedules:** Up to 8 ON/OFF programs per day and 15 weekly combinations.
- **Precise Control:** Work cyclically per week or day with accurate-to-the-second control.
- **Memory Backup:** Programs are saved by battery backup during power failures.
- **Replaceable Battery:** Ensures long life usage.
- **DIN Rail Mounted:** Standard 35mm DIN rail design for easy installation in DB boxes.
- **Wide Input Voltage:** Operates on 85-265Vac 50/60 Hz.
- **High Power Capacity:** Maximum current of 16A, supporting up to 3500 watts.

3. INSTALLATION

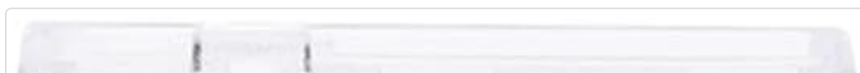
The TM922 timer is designed for DIN standard 35mm rail mounting, making it suitable for installation within electrical distribution boxes (DB boxes). Ensure all power is disconnected before attempting installation.



Figure 2: Side view illustrating the DIN rail mounting mechanism.

3.1 Wiring Diagram

Refer to the wiring diagram printed on the device or included in the packaging for correct electrical connections. The device has terminals for power input (L, N) and two independent relay outputs (C1, C2 with their respective common, normally open, and normally closed terminals).





SINOTIMER[®] TM922

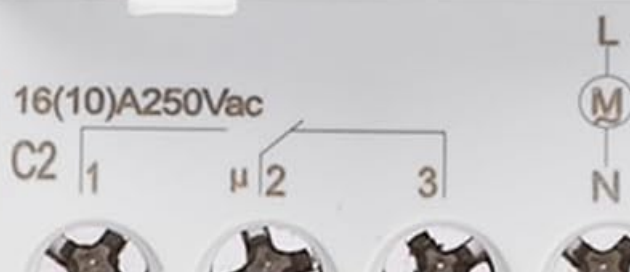




Figure 3: Top view showing the wiring terminals for power input and relay outputs.

Important: Installation should only be performed by a qualified electrician to ensure safety and compliance with local electrical codes.

4. OPERATING INSTRUCTIONS

The TM922 timer offers intuitive programming through its front panel buttons. For a visual guide, please refer to the official product video below.

Your browser does not support the video tag.

Video 1: Official SINOTIMER TM922 Instruction Guide, demonstrating key functions and programming steps.

4.1 Lock Function

To lock or unlock the timer's buttons, press and hold the "MENU" button for over 3 seconds. This prevents accidental changes to programmed settings.

4.2 Setting Current Time

1. Press the "OK" button to select the minute, hour, second, and day of the week.
2. Use the "▲" (Up) and "▼" (Down) buttons to adjust the selected number.
3. Press "OK" again to confirm and move to the next setting.

4.3 Setting F1 Channel (First Channel)

The F1 channel supports up to 8 ON/OFF programs. "11 ON" refers to the first program's ON time for the first channel, and "11 OFF" refers to its OFF time.

1. Press the "MENU" button to enter the first program setting.
2. Press "OK" to set the first ON/OFF time.
3. Use "▲" and "▼" to adjust the second, minute, hour, and week settings.
4. Repeat for all desired ON/OFF programs for the F1 channel.

4.4 Setting F2 Channel (Second Channel)

Similar to F1, the F2 channel also supports up to 8 ON/OFF programs. "21 ON" refers to the first program's ON time for the second channel, and "21 OFF" refers to its OFF time.

1. Press the "MENU" button to navigate to the F2 channel program setting.
2. Press "OK" to set the first ON/OFF time.
3. Use "▲" and "▼" to adjust the second, minute, hour, and week settings.
4. Repeat for all desired ON/OFF programs for the F2 channel.

4.5 Switching Channels

While in the clock status display, press the "Res" button to switch between displaying the F1 and F2 channel statuses.

4.6 Working Status

To manually shift the working status (ON, ON AUTO, OFF, AUTO OFF) for either channel, press the "MENU" and "▲" buttons together. This allows for temporary overrides of programmed settings.

5. MAINTENANCE

The SINOTIMER TM922 is designed for low maintenance. Keep the device clean and free from dust. Do not expose it to excessive moisture or extreme temperatures.

- **Cleaning:** Use a dry, soft cloth to clean the exterior. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** The internal battery provides backup for saved programs. If the display becomes dim or programs are lost after a power outage, the battery may need replacement. Consult a qualified technician for battery replacement.
- **Inspection:** Periodically inspect the wiring connections to ensure they are secure.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank or dim.	No power supply or low internal battery.	Check power connections. If power is present, the internal battery may need replacement.
Programs are not executing.	Incorrect programming, manual override active, or incorrect current time.	Verify program settings (ON/OFF times, days). Check working status (ensure it's not manually OFF). Reset current time if inaccurate.
Buttons are unresponsive.	Lock function is active.	Press and hold "MENU" for 3 seconds to unlock the buttons.
Output not switching.	Wiring issue, overloaded circuit, or faulty relay.	Check wiring connections. Ensure connected load does not exceed 16A/3500W. If issues persist, contact support.

7. SPECIFICATIONS

Attribute	Value
Model	TM922
Input Voltage	85-265Vac 50/60 Hz
Max Current	16A
Max Power	3500 watts
Number of Channels	2 (Independent Relays)
Programs per Day	8 ON/OFF
Weekly Combinations	15
Control Accuracy	Second-level
Mounting	35mm DIN Rail

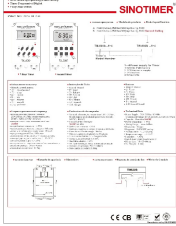
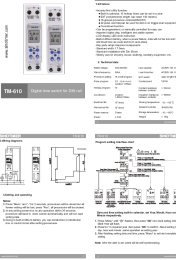

Attribute	Value
Product Dimensions	2.68 x 1.42 x 3.54 inches (6.8 x 3.6 x 9 cm)
Item Weight	5.9 ounces (167 grams)
Manufacturer	SINOTIMER

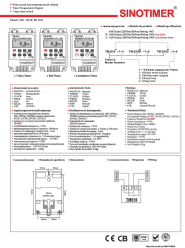
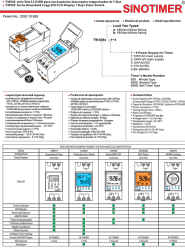

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact SINOTIMER customer service through their official website or the retailer from whom the product was purchased. Keep your purchase receipt as proof of purchase.

For additional resources and frequently asked questions, visit the [product page on Amazon](#).

Related Documents - TM922

	<p>SINOTIMER TM-630A/TM-630S Digital Timer: Features and Specifications</p> <p>Detailed technical specifications and features for the SINOTIMER TM-630A and TM-630S digital programmable timers, including power supply, timing range, dimensions, and wiring.</p>
	<p>SINOTIMER TM-610 Digital Time Switch for DIN Rail - User Manual and Specifications</p> <p>Detailed specifications, wiring diagrams, and operating instructions for the SINOTIMER TM-610 digital time switch, designed for DIN rail mounting.</p>
	<p>SINOTIMER TM920 Series 3-in-1 Programmable Timer Switch User Manual</p> <p>Comprehensive user manual for the SINOTIMER TM920 Series 3-in-1 programmable timer switch, featuring 7-day programming, pulse, and countdown functions. Learn how to set date, time, control modes, and holiday settings.</p>

 <p>SINOTIMER TM-616 Weekly Programmable Timer</p> <p>Technical specifications and wiring diagrams for the Sinotimer TM-616 timer.</p>	<p>Sinotimer TM-616 Weekly Programmable Timer - Specifications and Operation</p> <p>Detailed information on the Sinotimer TM-616 weekly programmable timer, including specifications, button functions, dimensions, wiring diagrams, and product lineup. Features 7-day programming and 30A switching capacity.</p>
 <p>SINOTIMER TM928 Series HD LCD Digital Timer Switch</p> <p>Technical specifications and wiring diagrams for the Sinotimer TM928 series digital timer switches.</p>	<p>SINOTIMER TM928 Series HD LCD Digital Timer Switch - User Manual and Specifications</p> <p>Comprehensive guide to the SINOTIMER TM928 series digital timer switches, covering features, specifications, setup, and wiring for models like TM919, TM920, TM928, TM928S, TM928R, and TM929.</p>
 <p>SINOTIMER TM-618 7-Day Electronic Timer</p> <p>Technical specifications and wiring diagrams for the Sinotimer TM-618 7-day electronic timer.</p>	<p>Sinotimer TM-618 7-Day Electronic Timer Instruction Manual</p> <p>Comprehensive instruction manual for the Sinotimer TM-618 7-Day Electronic Timer, detailing features, programming, manual operation, and safety warnings.</p>