

Intermatic T8805P101C

Intermatic T8805P101C Mechanical Cycle and Irrigation Timer Switch

MODEL: T8805P101C

1. Introduction

The Intermatic T8805P101C is a robust SPST (Single Pole, Single Throw) 125-Volt mechanical timer switch designed for reliable cycle and irrigation control. Featuring a 14-day skipper and housed in a durable 3R plastic indoor/outdoor enclosure, this timer provides precise scheduling for various applications. Its mechanical design ensures consistent operation and retains settings even after power interruptions.

2. Safety Information

CAUTION: RISK OF ELECTRIC SHOCK

Always turn power off at the main panel before servicing this switch or any equipment it controls. Connect only copper conductors to the switch terminals. This insulator must be replaced after wiring to prevent shock. Keep the case locked at all times to prevent accidental contact with live parts.

3. Setup and Installation

Installation should be performed by a qualified electrician in accordance with all local and national electrical codes. Ensure the timer is mounted securely in a suitable location, considering its indoor/outdoor rating.

3.1 Setting Current Time

To set the current time, gently pull out the dial and rotate it clockwise until the current time aligns with the 'TIME' indicator. Push the dial back in to engage the mechanism.

3.2 Programming Watering Cycles

The timer features a series of small pins around the dial, each representing a time interval. To program a watering cycle, push in the pins corresponding to the desired watering duration. Each pushed-in pin activates the timer for a specific period (e.g., 12 or 15 minutes, depending on the model). Leave blank spaces between groups of pushed-in pins to advance to the next watering zone or cycle.



Figure 1: Internal view of the Intermatic T8805P101C timer, showing the time dial and pin settings.

3.3 Setting the 14-Day Skipper

The 14-day skipper feature allows you to skip specific days of the week. Locate the day-of-the-week pins, typically found near the bottom of the timer mechanism. Push in the pins for the days you wish the timer to skip

its programmed cycles. Pull out the pins for the days you want the timer to operate.

4. Operation

Once programmed, the timer will automatically activate and deactivate the connected equipment based on the set pins. The mechanical clock continuously advances, triggering the cycles at the designated times. The 14-day skipper ensures that the timer adheres to your weekly schedule, skipping operations on selected days.

4.1 Manual Override

The timer is equipped with a manual override switch, typically a toggle switch, allowing you to temporarily turn the connected equipment ON or OFF, overriding the programmed schedule without altering the settings. Return the switch to the 'AUTO' position for normal programmed operation.

4.2 Product Overview Video

For a visual guide on the features and basic operation of the T8800 series, please refer to the official product overview video below:

Your browser does not support the video tag.

Video 1: Intermatic T8800 Series Product Overview. This video demonstrates the key features and operational aspects of the timer, including setting the time and programming cycles.

5. Maintenance

The Intermatic T8805P101C is designed for minimal maintenance. Periodically inspect the enclosure for any signs of damage or wear. Ensure the enclosure door is securely latched to maintain its weather-resistant rating. Keep the internal components free from dust and debris. No lubrication or internal adjustments are typically required.

6. Troubleshooting

- **Timer Not Operating:** Ensure power is supplied to the unit and the manual override switch is in the 'AUTO' position. Check the main circuit breaker.
- **Incorrect Cycle Times:** Verify that the time-setting pins are correctly pushed in or pulled out according to your desired schedule. Ensure the current time is accurately set on the dial.
- **Skipping Days Incorrectly:** Check the 14-day skipper pins to ensure they are set correctly for the days you wish to skip or operate.
- **Power Outage:** The mechanical timer will stop during a power outage. Once power is restored, you may need to manually adjust the current time on the dial to synchronize it. Programmed cycles will remain intact.
- **Persistent Issues:** If problems persist, consult a qualified electrician for diagnosis and repair. Do not attempt to repair the unit yourself.

7. Specifications

Manufacturer	Intermatic Incorporated
Part Number	T8805P101C
Voltage	125 VAC
Switch Type	SPST
Amperage	15 Amps per pole
Horsepower Rating	1/2 HP
Enclosure Material	Plastic
Enclosure Rating	3R (Indoor/Outdoor)
Product Dimensions	11.75 x 7.25 x 4.25 inches
Item Weight	2.45 pounds
Certification	CSA (Canada and US)

8. Warranty and Support

For detailed warranty information, please refer to the manufacturer's description provided with your product. For technical support or further assistance, please contact Intermatic customer service directly.