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> SPW Pro-Trade MT1 Mechanical Timer for Landscape Lighting Transformers 24-Hour Preset Timer User Manual

SPW MT1

SPW Pro-Trade MT1 Mechanical Timer

24-HOUR PRESET TIMER FOR LANDSCAPE LIGHTING TRANSFORMERS

1. Introduction

The SPW Pro-Trade MT1 Mechanical Timer is designed to provide automated control over landscape lighting transformers. This 24-hour preset timer allows users to set specific ON and OFF times for connected devices, enhancing energy efficiency and convenience. Please read this manual thoroughly before installation and operation.

2. Safety Information

Observe the following safety precautions to prevent injury or damage:

- For indoor use only.
- Do not exceed the electrical ratings: 15A Resistive, 8A Tungsten, 125V 60Hz, 1/2HP TV-5.
- Ensure the timer is securely plugged into a grounded outlet.
- Do not immerse the timer in water or expose it to excessive moisture.
- Do not attempt to disassemble or repair the timer. Refer all servicing to qualified personnel.
- Keep out of reach of children.

3. Package Contents

- 1 x SPW Pro-Trade MT1 Mechanical Timer

4. Product Overview

Familiarize yourself with the components of your mechanical timer:



Figure 1: Front view of the SPW Pro-Trade MT1 Mechanical Timer. This image shows the main 24-hour rotating dial with hour markings (1-12 AM/PM) and the small black pins used for setting ON/OFF times. A manual override switch is visible at the top.



Figure 2: Side view of the SPW Pro-Trade MT1 Mechanical Timer. This image displays the two-prong plug for connecting to a wall outlet and the single electrical outlet on the side where the landscape lighting transformer will be plugged in. Product specifications are printed on the side label.

- **Rotating Dial:** The large circular dial marked with 24 hours (1-12 AM/PM). This dial rotates clockwise over a 24-hour period.
- **Timing Pins:** Small black segments around the dial. Each segment represents 30 minutes. Pushing a pin outwards activates the timer during that 30-minute interval. Pushing it inwards deactivates it.
- **Manual Override Switch:** Located at the top, this switch allows you to manually turn the connected device ON or OFF, overriding the timer settings.
- **Outlet:** The receptacle on the side where you plug in your landscape lighting transformer.
- **Plug:** The two-prong plug for connecting the timer to a standard wall outlet.

5. Setup Instructions

1. **Set Current Time:** Rotate the entire dial clockwise until the current time aligns with the arrow indicator (usually a small triangle or line) on the timer's face. Ensure you distinguish between AM and PM hours.
2. **Set ON/OFF Times:** The black pins around the dial control the ON/OFF periods. Each pin represents 30 minutes.
 - To set an ON period, push the corresponding pins outwards.
 - To set an OFF period, leave the corresponding pins inwards.
 - For example, to turn a device ON from 6 PM to 10 PM, push out all pins between 6 PM and 10 PM.
3. **Connect to Power:** Plug the timer into a standard 125V 60Hz wall outlet.
4. **Connect Device:** Plug your landscape lighting transformer into the outlet on the side of the timer. Ensure the transformer's power switch is in the ON position.
5. **Set Manual Override Switch:** For automatic operation, ensure the manual override switch is set to the "TIMER" or "AUTO" position (if available, otherwise ensure it's not manually ON/OFF). If you want the device to be continuously ON or OFF, use the manual override switch.

6. Operating Instructions

Once set up, the timer will automatically turn the connected device ON and OFF according to the programmed schedule. The dial will continuously rotate, indicating the current time.

- **Automatic Operation:** The timer will activate and deactivate the connected device based on the pushed-out pins.
- **Manual Override:** Use the switch at the top to temporarily override the timer settings.
 - "ON": Device remains ON, regardless of timer settings.
 - "OFF": Device remains OFF, regardless of timer settings.
 - "TIMER" or "AUTO": Device operates according to the programmed schedule.

7. Maintenance

- **Cleaning:** Disconnect the timer from the power outlet before cleaning. Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the timer in a cool, dry place when not in use.
- **Inspection:** Periodically inspect the timer and its cord for any signs of damage. If damaged, discontinue use and replace.

8. Troubleshooting

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device does not turn ON/OFF at set times.	<p>Current time not set correctly.</p> <p>Pins not pushed out/in correctly.</p> <p>Manual override switch is not in "TIMER" or "AUTO" position.</p> <p>Device plugged into timer is OFF or faulty.</p> <p>Timer not receiving power.</p>	<p>Adjust the dial to the correct current time.</p> <p>Ensure pins are correctly set for desired ON/OFF times.</p> <p>Set the manual override switch to "TIMER" or "AUTO".</p> <p>Check the device's power switch and functionality.</p> <p>Verify the wall outlet has power and the timer is securely plugged in.</p>
Timer dial is not rotating.	<p>Timer not plugged in.</p> <p>No power to the outlet.</p> <p>Internal malfunction.</p>	<p>Plug the timer into a live outlet.</p> <p>Check the circuit breaker or test the outlet with another device.</p> <p>Contact customer support.</p>

9. Specifications

- **Model:** MT1
- **Brand:** SPW Pro-Trade
- **Type:** Mechanical 24-Hour Preset Timer
- **Input Voltage:** 125V AC, 60Hz
- **Max Load:** 15A Resistive, 8A Tungsten, 1/2 HP TV-5
- **Material:** Metal (internal components), Plastic (housing)
- **Item Weight:** 7.2 ounces
- **Number of Settings:** 24 (30-minute intervals)
- **UPC:** 795850799517

10. Warranty Information

This SPW Pro-Trade product is covered by a manufacturer's limited warranty. Please refer to the warranty card included with your purchase or contact customer support for specific terms and conditions. The warranty typically covers defects in materials and workmanship under normal use.

11. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact your retailer or the manufacturer directly. Keep your purchase receipt and model number (MT1) available when contacting support.