

## Intermatic ML44T

# Intermatic ML44T 44 Watt Low Voltage Lighting Transformer Instruction Manual

Model: ML44T

## INTRODUCTION

The Intermatic ML44T is a 44-watt low voltage lighting transformer designed to convert standard 120-volt AC power to 12-volt AC power for outdoor low-voltage lighting systems. This unit features an automatic multiple on/off timer with a manual override switch, allowing for programmable lighting control. Its weather-resistant housing ensures durability for outdoor use.

## IMPORTANT SAFETY INFORMATION

### **WARNING: Risk of Electric Shock or Fire.**

- Always disconnect power at the circuit breaker before installing or servicing the transformer.
- This transformer is intended for outdoor use and must be installed in accordance with all local and national electrical codes.
- Do not immerse the transformer in water.
- Ensure the total wattage of connected lights does not exceed 44 watts. Overloading can cause overheating and damage.
- Use only low-voltage outdoor lighting fixtures with this transformer.
- Keep children away from electrical components.

## PACKAGE CONTENTS

- Intermatic ML44T 44 Watt Low Voltage Lighting Transformer
- Two (2) sets of trippers for timer programming
- Instruction Manual (this document)

## SETUP AND INSTALLATION

1. **Choose a Location:** Select a suitable outdoor location near a 120V AC power outlet. The transformer should be mounted vertically with the output terminals facing downwards, at least 1 foot above ground level.
2. **Mounting:** Secure the transformer to a wall or sturdy post using appropriate mounting hardware (not included). The unit has a hanger on the back for easy installation.
3. **Wiring Input (120V AC):** Plug the transformer's power cord into a grounded 120V AC outdoor receptacle. Ensure the receptacle is protected by a Ground Fault Circuit Interrupter (GFCI).
4. **Wiring Output (12V AC):**
  - Route your low-voltage landscape lighting cable from your fixtures to the transformer.
  - Strip approximately 1/2 inch of insulation from the ends of the low-voltage cable wires.
  - Connect the low-voltage wires to the transformer's 12V output terminals. Ensure a secure connection.
  - Verify that the total wattage of all connected lights does not exceed 44 watts.
5. **Initial Power On:** Once all connections are secure, restore power to the outlet. The transformer should power on.



**44 WATTS**  
**VATIOS**  
**WATT**

# PER PACK

**LOW VOLTAGE  
TRANSFORMER  
TRANSFORMADOR  
DE BAJO VOLTAJE  
TRANSFORMATEUR  
BASSE TENSION**

- Multiple ON/OFF timer
- Temporizador de encendido/apagado múltiple
- Minuterie multiple ON/OFF

Powers systems up to 44 watts. Add up all bulb wattages for total system wattage.

Suministra corriente para sistemas de hasta 44 vatios. Sume el vatiaje de todas las bombillas para obtener el vatiaje total del sistema.

Alimente les systèmes allant jusqu'à 44 watt. Pour connaître la puissance totale en watt du système, additionnez le wattage de toutes les ampoules.



**Figure 1:** The Intermatic ML44T Low Voltage Lighting Transformer, shown in its original packaging. This image displays the product's exterior and highlights its 44-watt capacity and timer features.

## OPERATION

### Setting the Timer

The ML44T features a mechanical timer with a 24-hour dial. To program the on/off cycles:

1. **Set Current Time:** Rotate the dial clockwise until the current time aligns with the "TIME SET" arrow.
2. **Insert Trippers:**
  - Insert the "ON" trippers into the dial at the desired time you want your lights to turn on.
  - Insert the "OFF" trippers into the dial at the desired time you want your lights to turn off.
  - Multiple on/off cycles can be programmed using additional trippers.
3. **Activate Timer:** Ensure the manual override switch is in the "TIMER" position. The lights will now operate according to your programmed schedule.

### Manual Override

The transformer includes a manual override switch for temporary control:

- **"ON" Position:** Lights will remain on continuously, overriding the timer.
- **"OFF" Position:** Lights will remain off continuously, overriding the timer.
- **"TIMER" Position:** Lights will operate according to the programmed on/off cycles.

## MAINTENANCE

- **Cleaning:** Periodically wipe the exterior of the transformer with a damp cloth to remove dirt and debris. Do not use abrasive cleaners or immerse the unit in water.
- **Inspection:** Regularly inspect the power cord and low-voltage wiring for any signs of damage, fraying, or loose connections. Address any issues immediately.
- **Resetting After Power Outage:** In the event of a power outage, the mechanical timer will stop. You will need to reset the current time on the dial once power is restored to maintain accurate programming.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	<ul style="list-style-type: none"> <li>• No power to the transformer.</li> <li>• Manual override switch is in "OFF" position.</li> <li>• Timer not set correctly or trippers missing.</li> <li>• Loose wiring connections.</li> <li>• Overloaded circuit (total wattage exceeds 44W).</li> <li>• Faulty light bulbs or fixtures.</li> </ul>	<ul style="list-style-type: none"> <li>• Check power outlet and GFCI.</li> <li>• Set manual override to "TIMER" or "ON".</li> <li>• Verify timer settings and tripper placement.</li> <li>• Inspect and tighten all wiring connections.</li> <li>• Reduce total wattage of connected lights.</li> <li>• Test individual lights and replace as needed.</li> </ul>
Lights stay on continuously.	<ul style="list-style-type: none"> <li>• Manual override switch is in "ON" position.</li> <li>• "OFF" tripper is missing or incorrectly placed.</li> </ul>	<ul style="list-style-type: none"> <li>• Set manual override to "TIMER".</li> <li>• Ensure "OFF" tripper is correctly inserted at the desired turn-off time.</li> </ul>
Lights turn off prematurely or cycle unexpectedly.	<ul style="list-style-type: none"> <li>• Overheating due to overload.</li> <li>• Loose connections.</li> <li>• Timer mechanism issue.</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce total wattage of connected lights.</li> <li>• Check and tighten all wiring.</li> <li>• Contact customer support if timer consistently malfunctions.</li> </ul>

SPECIFICATIONS

- **Model:** ML44T
- **Brand:** Intermatic
- **Power Output:** 44 Watts
- **Input Voltage:** 120 Volts AC
- **Output Voltage:** 12 Volts AC
- **Dimensions:** 9.6 x 5.3 x 4.9 inches
- **Item Weight:** 2.5 pounds
- **Material:** Plastic
- **Color:** Black
- **Timer Type:** Automatic multiple on/off with manual override
- **Housing:** Weather-resistant
- **UPC:** 078275023321, 022228983255

# WARRANTY AND SUPPORT

The Intermatic ML44T Low Voltage Lighting Transformer is backed by a 5-year limited warranty. For warranty claims, technical assistance, or further support, please refer to the official Intermatic website or contact their customer service department. Keep your purchase receipt as proof of purchase.

For additional resources, you may visit the [Intermatic Store on Amazon](#).



© 2023 Intermatic, Inc. All rights reserved.

This manual is for informational purposes only. Intermatic, Inc. assumes no responsibility for errors or omissions in this publication or for damages resulting from the use of the information contained herein.

## Related Documents - ML44T

	<p><a href="#">Intermatic ML44T 44 Watt Low Voltage Landscape Lighting Power Pack Installation Guide</a></p> <p>Installation and user guide for the Intermatic ML44T 44 Watt low voltage landscape lighting power pack. Covers safety warnings, setup, timer operation, and troubleshooting.</p>
	<p><a href="#">Intermatic ML44T 44 Watt Landscape Lighting Power Pack Installation and User Guide</a></p> <p>This guide provides instructions for installing and operating the Intermatic ML44T 44 Watt outdoor landscape lighting power pack. It includes safety warnings, technical specifications, step-by-step installation procedures, timer settings, troubleshooting tips, and warranty information.</p>
	<p><a href="#">Intermatic Pool and Spa Lighting Transformers Installation and Operation Manual</a></p> <p>This manual provides installation, operation, and safety instructions for Intermatic PX Series Low Voltage Landscape and Swimming Pool/Spa Light Transformers, including models PX100, PX100S, PX300, and PX300S. It covers wiring, safety precautions, specifications, and warranty information.</p>
	<p><a href="#">Intermatic PX Series Low Voltage Transformers: Installation, Operation &amp; Service Manual</a></p> <p>Installation, operation, and service manual for Intermatic PX100, PX100S, PX300, and PX300S low voltage transformers. Covers safety, specifications, installation guidelines, wiring tables, and warranty for landscape, pool, and spa lighting.</p>
	<p><a href="#">Intermatic CS508P CS508PSM Low Voltage Outdoor Light Installation &amp; Warranty Guide</a></p> <p>Official installation instructions and limited lifetime warranty information for the Intermatic CS508P and CS508PSM low voltage outdoor landscape lighting fixtures. Learn about safety, setup, and product coverage.</p>



[Intermatic Mechanical Time Switches Product Catalog](#)

Comprehensive catalog of Intermatic mechanical time switches, including 24-hour, 7-day, short-range cycle, sprinkler/irrigation, and heavy-duty models. Features detailed specifications, applications, and model numbers.