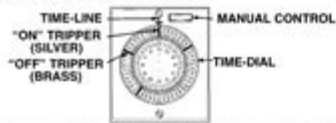


# Old Intermatic Timer Instructions

## HOW TO OPERATE YOUR TIMER . . .



### FOR AUTOMATIC PROGRAMMING: (REPEATS EVERY 24 HOURS)

1. GRASP TIME-DIAL FIRMLY, PULL AND REMOVE COMPLETELY FROM TIMER.
2. REMOVE ALL ON TRIPPERS (SILVER) AND OFF TRIPPERS (BRASS). USE PENCIL OR PAPER CLIP IF NECESSARY.
3. TO PROGRAM TIMER: FIRST, INSERT OFF TRIPPERS (BRASS) IN SLOTS FOR DESIRED OFF TIMES, BUT NOT CLOSER THAN 2 HOURS APART. SECOND, INSERT ON TRIPPERS (SILVER) IN SLOTS FOR DESIRED ON TIMES, BUT NOT CLOSER THAN 2 HOURS APART. ON AND OFF TRIPPERS MAY BE SPACED 1/2 HOUR APART FROM EACH OTHER.
4. REPLACE TIME DIAL, PUSH IN FIRMLY, IF ANY TRIPPERS ARE NEAR THE TIME-LINE, ROTATE TIME-DIAL TO AVOID INTERFERENCE WITH MECHANISM INSIDE.
5. TURN TIME DIAL CLOCKWISE ONE OR MORE REVOLUTIONS UNTIL CORRECT TIME-OF-DAY IS OPPOSITE TIME-LINE.
- TO TURN LAMP OR APPLIANCE ON OR OFF MANUALLY AT ANY TIME, USE MANUAL CONTROL AS INDICATED. THIS WILL NOT EFFECT NEXT AUTOMATIC OPERATION.
- TO STOP AUTOMATIC OPERATION, (BUT KEEP TIMER RUNNING) PULL OUTWARD ON TIME DIAL UNTIL IT CLICKS.
- TO RESUME AUTOMATIC OPERATION, PUSH INWARD ON TIME-DIAL.
- TO SECURE EXTRA TRIPPERS ORDER NO. 156EB1945A, FOR A SET OF 2 ON AND 2 OFF TRIPPERS.

CAUTION: WATTAGE OF LAMPS OR APPLIANCES BEING CONTROLLED SHOULD NOT EXCEED CAPACITY OF TIMER.

**INTERMATIC INCORPORATED**  
SPRING GROVE, ILLINOIS 60081-0009

156EB101239

## How to install and operate your NEW

**INTERMATIC®**

**24 HOUR  
automatic  
in-wall  
multiple  
program  
timer**



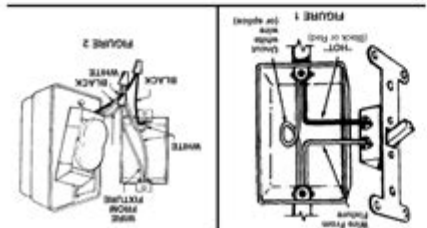
**model: E-1020**

FOR SINGLE POLE WALL SWITCH  
APPLICATION/REPLACEMENT ONLY  
RATED: 15 AMP. MAXIMUM. 12 AMP.  
(1500 WATT) TUNGSTEN, 12 FULL LOAD  
AMPERES - 125 VOLTS, 60 HZ.



All wiring and installation must conform to national and / or local electrical codes.

**FULL ONE YEAR WARRANTY**  
If within one (1) year from the date of purchase, this product fails due to a defect in material or workmanship, Intermatic Incorporated will repair or replace it free of charge. The warranty does not apply to: (a) damage caused by accident, abuse, mishandling, dropping, (b) units which have been subjected to unauthorized repair, opened, taken apart, (c) units not used in accordance with directions, (d) damages resulting from the use of the unit. Some states do not allow a limitation of damages. As the foregoing limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.  
This warranty is voidable by either (a) returning the product to the dealer from whom the unit was purchased, or (b) mailing postage prepaid to the nearest authorized Intermatic Incorporated / After Sales Service.  
7777 Wirth Rd., Spring Grove, IL 60081-0009 / 815-451-7000  
(http://www.intermatic.com)



**HOW TO INSTALL . . .**  
1. Disconnect your electrical power for safety during installation.  
2. Remove wall plate and disconnect light switch. (See Fig. 1.) If both wires are not present, additional wiring will be necessary before installation can be completed.  
3. Connect timer wire to wire from fixture using wire connector. Connect black timer wire to the "hot" (usually black or red) wire in open space) and strip 1/2" of insulation on both wires. Connect white timer wire to white wire in junction box using wire connector. (See Fig. 2)  
4. If the wall switch you are replacing had separate grounding conductors connected to the GREEN screw on the switch, make sure these wires are now securely connected to the METAL wall box, or together.  
5. Check that all wire connections are secure.  
6. Place all wires inside junction box. Fit timer over junction box first, making sure that all wires and wire nuts clear the back of timer motor. DO NOT FORCE. Next, install timer using (2) mounting screws furnished.  
7. Reconnect your electrical power. Set timer - see operating instructions.

**THIS IN-WALL TIMER . . .**  
... is designed to be easily installed in an electrical junction box to replace a wall switch. The unique MULTIPLE PROGRAM feature enables the user to automatically turn lamps or appliances ON and OFF several times a day. Functioning as an "automatic" wall switch, it will follow a preset program and will repeat it every 24 hours. Nevertheless, the program can be easily changed, manually interrupted or suspended at any time.

**Old intermatic timer instructions** are essential for anyone looking to operate their timers effectively, ensuring that their outdoor and indoor lighting, pool systems, and other electrical appliances function as intended. Intermatic timers have been a staple in home automation for decades, providing convenience and energy savings. This guide will walk you through the various aspects of using old Intermatic timers, including setup, programming, troubleshooting, and maintenance tips.

## Understanding Your Intermatic Timer

Before diving into the instructions, it's important to familiarize yourself with the different types of Intermatic timers. Intermatic has produced various models, each with unique features and functionalities. The most common types include:

- **Mechanical Timers:** These timers use a dial and pins to set on/off times, ideal for basic applications.
- **Digital Timers:** These feature a digital display and allow for more complex programming, including multiple on/off cycles.
- **Programmable Timers:** Advanced models that can be programmed for specific days of the week or seasons.

Understanding which model you have is crucial for following the appropriate instructions.

## Setting Up Your Old Intermatic Timer

Setting up your Intermatic timer correctly is vital for optimal performance. Follow these steps for a typical installation:

### 1. Gather Necessary Tools

Before you start, ensure you have the following tools at hand:

- Screwdriver
- Wire stripper
- Voltage tester
- User manual (specific to your model)

### 2. Locate the Installation Site

Choose a location that is easily accessible and close to a power source. Ensure the area is dry and protected from extreme weather conditions.

### 3. Turn Off Power

Safety first! Turn off the power to the circuit where you will be installing the timer. Use a voltage tester to confirm that there is no power running through the wires.

## 4. Connect Wires

Follow these steps to connect the wires:

- Remove the cover of the timer.
- Identify the input (line) and output (load) terminals.
- Connect the wires according to the user manual, ensuring that you match the corresponding colors (usually black for line, white for neutral, and green for ground).

## 5. Secure the Timer

Once the connections are made, secure the timer back into its housing and ensure it is properly mounted on the wall or junction box.

# Programming Your Intermatic Timer

Programming old Intermatic timers varies based on the model, but here are general guidelines for both mechanical and digital timers.

## Mechanical Timer Programming

For mechanical timers, follow these steps:

### 1. Set the Current Time

- Turn the dial clockwise to set the correct current time (ensure the arrow points to the current time).

### 2. Set On/Off Pins

- Identify the pins around the dial. Each pin represents a 15-minute interval.
- Push down the pins for the times you want the device to turn on and pull up the pins for off times.

# Digital Timer Programming

Digital timers offer more complexity. Here's how to program them:

## 1. Set the Current Time

- Press the "Clock" or "Time Set" button to enter the time setting mode.
- Use the "+" or "-" buttons to adjust to the current time.

## 2. Program On/Off Times

- Navigate to the program settings using the "Program" button.
- Select the day(s) you want the timer to operate and set the on/off times using the appropriate buttons.

## 3. Save Settings

- After setting, press the "Enter" or "Save" button to confirm your settings.

# Troubleshooting Common Issues

Even with correct setup and programming, you may encounter issues. Here are some common problems and their solutions:

## 1. Timer Does Not Turn On

- Check Power Supply: Ensure the circuit breaker is on and the timer is receiving power.
- Inspect Connections: Verify all wire connections are secure and correct.

## 2. Timer Turns On/Off at Incorrect Times

- Reprogram Timer: Double-check your programming. You may have inadvertently set incorrect times.
- Check for Daylight Saving Time: Adjust for seasonal changes if your timer does not automatically account for them.

## 3. Timer Runs Continuously

- Check Pins (Mechanical): Ensure the on/off pins are set correctly.

- Reset Digital Timer: Perform a factory reset (refer to the manual) and reprogram.

## Maintenance Tips for Intermatic Timers

Proper maintenance can extend the life of your timer and ensure it operates smoothly.

- **Regularly Check Connections:** Periodically inspect the wiring and connections for wear and tear.
- **Clean the Timer:** Dust and dirt can affect performance. Wipe the exterior with a soft cloth.
- **Update Programming:** Revisit your settings seasonally to ensure they align with your current needs.
- **Test Functionality:** Regularly test the timer to ensure it operates as expected.

## Conclusion

Understanding **old Intermatic timer instructions** can significantly enhance your experience with these reliable devices. By following the setup, programming, troubleshooting, and maintenance tips outlined above, you can enjoy the benefits of automation in your home. Whether you are managing your outdoor lights, pool pumps, or other electrical appliances, an old Intermatic timer can be a valuable addition to your home automation system.

## Frequently Asked Questions

### How can I reset my old Intermatic timer if it's malfunctioning?

To reset your old Intermatic timer, first unplug it or turn off the power supply. Wait for about 10 seconds, then restore power. This should reset the timer. If problems persist, consult the user manual for specific troubleshooting steps.

### What is the typical lifespan of an old Intermatic timer?

The typical lifespan of an old Intermatic timer can vary, but many can last anywhere from 5 to 10 years with proper maintenance. However, factors such as usage, environment, and model can affect longevity.

## Where can I find the instruction manual for my old Intermatic timer model?

You can often find instruction manuals for old Intermatic timers on the official Intermatic website under the 'Support' section or by searching for your specific model number in PDF format online.

## Are there any common issues with old Intermatic timers that I should be aware of?

Common issues with old Intermatic timers include inaccurate timekeeping, failure to activate, and mechanical wear. Regular maintenance and battery changes (if applicable) can help mitigate these problems.

## Can I replace my old Intermatic timer with a newer digital model?

Yes, you can replace your old Intermatic timer with a newer digital model. Just ensure that the electrical specifications match your existing setup and follow the installation instructions carefully.

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