

Intermatic SW30MWK

Intermatic SW30MWK 30-Minute Spring Wound Timer User Manual

Model: SW30MWK

1. INTRODUCTION

The Intermatic SW30MWK 30-Minute Spring Wound Timer is a mechanical in-wall timer designed to provide energy-saving control for various electrical loads, including lights, fans, motors, and heaters. This timer operates without electricity, offering a reliable and cost-effective solution for automatically turning off devices after a preset time. This manual provides essential information for the safe installation, operation, and maintenance of your SW30MWK timer.

2. PRODUCT OVERVIEW

The SW30MWK timer features a simple, intuitive design for ease of use and installation. It is compatible with modern energy-efficient lighting options such as LED and CFL lights.

Key Features:

- **30-Minute Off Control:** Automatically limits the ON time of connected loads.
- **No Electricity Required:** Operates mechanically, providing energy savings and reducing utility costs.
- **Easy Replacement:** Designed to fit any standard wall switch, single or multi-gang.
- **Versatile Usage:** Ideal for controlling fans, lights, motors, heaters, and other appliances.
- **LED and CFL Compatible:** Works with modern energy-efficient lighting.



OFF

30

**Turn
Past**

20

MINUTES

INTERMATIC

Figure 1: Front view of the Intermatic SW30MWK 30-Minute Spring Wound Timer.



Figure 2: The SW30MWK timer seamlessly integrated into a living room wall.



**SAVE ENERGY,
SAVE MONEY.**

**30 MINUTE
SPRING WOUND TIMER**

**COMPATIBLE WITH LED AND
CFL LIGHTS**

Figure 3: Close-up highlighting the timer's energy-saving features and compatibility.

3. SAFETY INFORMATION

WARNING: Risk of Electric Shock. May result in serious injury or death. Turn power OFF at the circuit breaker or fuse and test that power is OFF before wiring!

- Always disconnect power at the circuit breaker before installing or servicing the timer.
- This device must be installed by a qualified electrician in accordance with all national and local electrical codes.
- Do not use this timer with loads exceeding its specified ratings.
- Ensure all wire connections are secure and properly insulated.
- Keep children away from electrical wiring.

4. SETUP AND INSTALLATION

The Intermatic SW30MWK timer is designed for easy installation as a replacement for a standard wall switch. Follow these steps carefully:

1. **Turn Off Power:** Locate the circuit breaker or fuse that controls the power to the switch you are replacing. Turn it OFF. Verify that the power is off using a voltage tester.
2. **Remove Old Switch:** Carefully remove the wall plate and unscrew the existing switch from the wall box. Disconnect the wires from the old switch, noting which wire was connected to which terminal.
3. **Identify Wires:** Typically, you will find two wires connected to a standard single-pole switch: a hot wire (incoming power) and a load wire (going to the light/appliance). The SW30MWK timer has two black wires for connection.
4. **Connect Timer Wires:** Connect one black wire from the SW30MWK timer to the hot wire from the wall box. Connect the other black wire from the timer to the load wire from the wall box. Use appropriate wire connectors (wire nuts) to secure these connections.
5. **Grounding (if applicable):** If your wall box has a ground wire (bare copper or green), connect it to the green ground screw on the timer (if present) or to the ground wire in the box.
6. **Mount Timer:** Carefully push the wired timer into the wall box. Secure it with the provided mounting screws.
7. **Install Wall Plate:** Attach the wall plate over the timer.
8. **Restore Power:** Turn the power back ON at the circuit breaker.



Figure 4: Simplified wiring diagram for the SW30MWK timer.

5. OPERATING INSTRUCTIONS

The SW30MWK timer is simple to operate:

1. **To Turn ON and Set Time:** Rotate the knob clockwise past the 'OFF' position to the desired ON time (up to 30 minutes). The timer will begin counting down immediately.
2. **Automatic Shut-off:** Once the set time has elapsed, the timer will automatically return to the 'OFF' position, turning off the connected device.
3. **Manual Shut-off:** To turn off the device before the set time has elapsed, simply rotate the knob counter-clockwise back to the 'OFF' position.

Video 1: Demonstration of a spring-wound timer operation. This video shows how to turn the knob past the 'OFF' position to set the desired countdown time, and how it automatically returns to 'OFF'.

6. MAINTENANCE

The Intermatic SW30MWK timer requires minimal maintenance. It is a mechanical device with no user-serviceable parts inside.

- **Cleaning:** Periodically wipe the surface of the timer and wall plate with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Occasionally check the timer and wall plate for any signs of damage, loose connections, or excessive wear. If any issues are found, disconnect power and consult a qualified electrician.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Timer does not turn ON. | No power to the circuit. Incorrect wiring. | Check circuit breaker or fuse. Verify wiring connections (refer to Section 4). |
| Timer does not turn OFF. | Timer mechanism is stuck or damaged. | Ensure the knob can rotate freely. If the mechanism is damaged, the unit may need replacement. |
| Connected device does not operate. | Device is faulty. Timer is not set correctly. Overload. | Test the device with a different power source. Ensure the timer is wound past 'OFF' to the desired time. Verify the load does not exceed the timer's rating. |

8. SPECIFICATIONS

| Attribute | Value |
|---------------|------------------------|
| Model Number | SW30MWK |
| Brand | Intermatic |
| Color | White |
| Switch Style | 30 Minute Spring Wound |
| Mounting Type | Wall Mount |

| Attribute | Value |
|--------------------|--------------------------|
| Material | Tungsten |
| Product Dimensions | 1.97"D x 2.76"W x 5.51"H |
| Item Weight | 2.4 ounces |
| Number of Settings | 1 |
| Certification | CSA |
| Batteries Required | No |
| UPC | 078275143487 |

9. WARRANTY INFORMATION

Intermatic products are designed for durability and reliability. This product comes with a standard manufacturer's warranty. For specific details regarding the warranty period and terms, please refer to the warranty documentation included with your purchase or visit the official Intermatic website. Keep your proof of purchase for warranty claims.

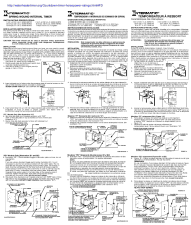
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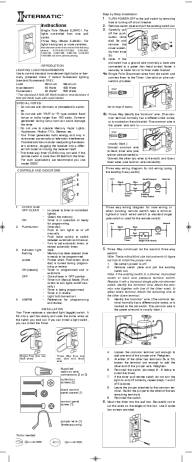
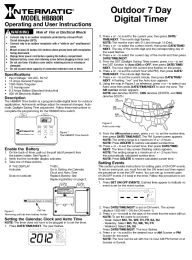
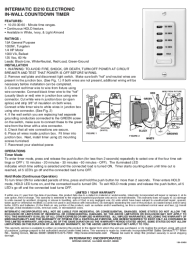

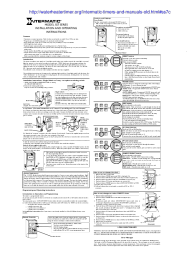
If you have any questions, require technical assistance, or need to report an issue with your Intermatic SW30MWK timer, please contact Intermatic customer support:

- **Website:** Visit the official Intermatic website for FAQs, product documentation, and contact information.
- **Phone:** Refer to the contact details provided on the product packaging or the Intermatic website for customer service phone numbers.

Please have your model number (SW30MWK) and date of purchase ready when contacting support.

Related Documents - SW30MWK

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|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>Intermatic Spring Wound Interval Timer Installation and Operation Guide</p> <p>Detailed installation, operation, and application guide for Intermatic spring wound interval timers (FF and FD models). Includes switch ratings, wiring diagrams, and warranty information.</p> |
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|  | <p>Intermatic EJ341C/EJ343C Lighting Timer Switch Installation and Programming Guide</p> <p>Detailed instructions for installing and programming Intermatic EJ341C (Single Pole) and EJ343C (Three Way) lighting timer switches. Covers setup, controls, programming methods, troubleshooting, and specifications.</p> |
|  | <p>Intermatic HB880R Outdoor Digital Timer: Operating and User Instructions</p> <p>Comprehensive guide for the Intermatic HB880R Outdoor 7-Day Digital Timer. Learn how to set the clock, program events, enable the battery, and troubleshoot common issues for optimal outdoor lighting control.</p> |
|  | <p>Intermatic EI210 Electronic In-Wall Countdown Timer - Installation & Operation Guide</p> <p>Comprehensive guide for the Intermatic EI210 electronic in-wall countdown timer, detailing features, installation steps, operation modes (Timer and Hold), and warranty information. Includes technical specifications and contact details for Intermatic Incorporated.</p> |
|  | <p>Intermatic DT620 Digital Plug-In Timer: Installation and User Guide</p> <p>Comprehensive installation and user instructions for the Intermatic DT620 digital plug-in timer, covering setup, programming, and troubleshooting for 7-day scheduling, astronomical clock, and DST.</p> |
|  | <p>Intermatic SS7 Series Programmable Timer: Installation and Operating Instructions</p> <p>Comprehensive guide for installing and operating the Intermatic SS7 Series electronic timer, including features, programming, wiring, troubleshooting, and warranty information.</p> |