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Intermatic P1353ME

Intermatic P1353ME 3-Circuit Pool/Spa Digital Time Switch User Manual

Model: P1353ME

Brand: Intermatic

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of the Intermatic P1353ME 3-Circuit Pool/Spa Digital Time Switch. Please read this manual thoroughly before installation and operation to ensure safe and efficient use of the product.

The Intermatic P1353ME is designed for aftermarket retrofit applications, allowing for an upgrade to a digital control system without replacing the existing enclosure. It features 3 timed circuits for various pool and spa components, including filter pumps (up to 3 HP), 2-speed pumps, pool lights, landscape lights, fountain pumps, blowers, and cleaner pumps.

IMPORTANT SAFETY INFORMATION

WARNING: Risk of Electrical Shock.

Always turn off power at the main panel before servicing this switch or the equipment it controls. Use 75°C copper conductors only. Reinstall the insulator after wiring.

This device must be installed by a qualified electrician in accordance with all local and national electrical codes. Observe all safety precautions to prevent injury or damage to the equipment.

PRODUCT OVERVIEW

The Intermatic P1353ME is a versatile digital time switch designed for precise control of pool and spa equipment. Key features include:

- Controls single- and two-speed pumps, along with cleaner/booster pumps.
- Three ON/OFF events per circuit per day for customizable scheduling.
- Seven preprogrammed modes for easy setup.
- Built-in freeze and heater protection.
- Multi-voltage input and output (120V or 208-240V).
- LCD display for clear monitoring.

- Memory back-up.
- Fireman switch capability.



Image: Front view of the Intermatic P1353ME Digital Time Switch, showing the LCD display, control buttons (MODE, PROG, ENTER, UP/DOWN arrows), and ON/OFF buttons for Circuit 1, Circuit 2, and Circuit 3. A caution label regarding electrical shock and mode key usage is visible at the bottom.

SETUP AND INSTALLATION

Pre-Installation Checklist:

- Ensure power is OFF at the main breaker.
- Verify existing enclosure compatibility (designed to snap into any Intermatic enclosure).
- Confirm required voltage (120V or 208-240V) matches the unit's capabilities.
- Gather necessary tools: screwdriver, wire strippers, voltage tester.

Installation Steps:

1. **Power Disconnection:** Turn off power to the existing time switch at the main electrical panel. Verify power is off using a voltage tester.
2. **Remove Old Mechanism:** Carefully remove the old mechanical time switch mechanism from the Intermatic enclosure.
3. **Install New Mechanism:** Snap the P1353ME digital mechanism into the existing Intermatic enclosure. Ensure it is securely seated.
4. **Wiring:** Connect the electrical wiring according to the wiring diagram provided with the unit. Ensure all connections are tight and secure. Use 75°C copper conductors only.
5. **Reinstall Insulator:** After wiring, reinstall any insulators or protective covers that were removed.
6. **Close Enclosure:** Securely close the enclosure cover.
7. **Restore Power:** Turn power back on at the main electrical panel.

For detailed wiring diagrams, refer to the official product documentation or consult a qualified electrician.

OPERATING INSTRUCTIONS

Initial Power-Up and Time Setting:

1. Upon initial power-up, the LCD display will illuminate.
2. Set the current time and date using the PROG, ENTER, and UP/DOWN arrow keys. Follow the on-screen prompts.

Programming Circuits:

The P1353ME allows for three ON/OFF events per circuit per day.

1. **Access Programming:** Press the **PROG** key to cycle through menu options.
2. **Navigate Settings:** Use the **UP** and **DOWN** arrow keys to change program settings (e.g., ON/OFF times for each circuit).
3. **Confirm Changes:** Press the **ENTER** key to save changes and exit programming mode.

Manual Operation:

To manually turn devices ON or OFF:

- Press the dedicated **ON/OFF** buttons located below the LCD display for Circuit 1, Circuit 2, or Circuit 3.

Preprogrammed Modes:

The unit features seven preprogrammed modes for common applications. Consult the full user manual (PDF link provided in product details) for details on selecting and customizing these modes.

MAINTENANCE

The Intermatic P1353ME is designed for minimal maintenance. However, regular checks can ensure optimal performance and longevity.

- **Periodic Inspection:** Annually inspect the unit for any signs of physical damage, loose connections, or corrosion.
- **Cleaning:** Keep the exterior of the unit clean and free of dust and debris. Use a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Power Cycle:** If the unit behaves unexpectedly, try cycling the power off and on at the main breaker for a few minutes.
- **Battery Backup:** The unit includes memory back-up. While not user-serviceable, prolonged power outages may eventually deplete the internal battery. If settings are lost after a power outage, reprogram the unit.

CAUTION: Always disconnect power before performing any maintenance inside the enclosure.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank.	No power to the unit.	Check main breaker. Ensure wiring connections are secure.
Unit does not turn ON/OFF at programmed times.	Incorrect programming; Time/date incorrect.	Verify programmed ON/OFF times. Check and correct current time/date. Ensure unit is not in manual override mode.
Equipment (pump, light) does not respond.	Faulty equipment; Wiring issue; Overload.	Check the equipment directly. Inspect wiring for loose connections. Check for tripped circuit breakers on the equipment's circuit.
Settings are lost after power outage.	Internal memory backup battery depleted.	Reprogram the unit. The internal battery is designed for long life but can eventually deplete.

If troubleshooting steps do not resolve the issue, contact Intermatic customer support or a qualified electrician.

SPECIFICATIONS

Feature	Detail
Model Number	P1353ME
Manufacturer	Intermatic
Input Voltage	120V or 208-240V
Circuits	3 timed circuits
Pump Compatibility	Single- and two-speed pumps up to 3 HP
ON/OFF Events	3 per circuit per day
Protection Features	Freeze and Heater Protection

Feature	Detail
Display	LCD Readout
Item Weight	1.55 pounds
Product Dimensions	1 x 1 x 1 inches
Certification	CSA

WARRANTY INFORMATION

The Intermatic P1353ME is covered by a manufacturer's warranty. According to the product specifications, the warranty description is "Replace product". For specific terms, conditions, and duration of the warranty, please refer to the official warranty statement provided with your product or contact Intermatic customer support. Keep your proof of purchase for warranty claims.

SUPPORT AND CONTACT INFORMATION

For technical assistance, product inquiries, or warranty claims, please contact Intermatic customer support:

- **Manufacturer:** Intermatic
- **Website:** www.intermatic.com (Please note: This is a general placeholder, actual support link may vary. Refer to product packaging or official website for precise contact details.)
- **Official User Manual (PDF):** [Download PDF](#)

When contacting support, please have your product model number (P1353ME) and purchase date available.