

Intermatic PE953

Intermatic PE953 MULTIWAVE Wireless Remote Control User Manual

PRODUCT OVERVIEW

The Intermatic PE953 MULTIWAVE wireless hand-held controller is designed to transmit user commands and receive equipment data from various devices, including the PE650, PE653, specific OEM equipment, and any Z-Wave compatible transceiver device. This all-in-one multitasking controller communicates with these devices by toggling screens on the controller. Featuring a backlit display and improved functionalities, the new PE953 MultiWave controller replaces the i-wave PE950 controller.

Key Features

- Water-resistant backlit display shows time of day, equipment status, and water and air temperature.
- Programs and displays all on/off schedules, thermostat settings, time of day, and variable pump speeds.
- Internal memory backup retains communication link during power outages.
- Ability to copy programming to additional remote controls.
- Uses three AA batteries (included).

Product Image



An image of the Intermatic PE953 MULTIWAVE Wireless Remote Control, showcasing its white casing and blue display area with numbered buttons.

SETUP AND INSTALLATION

This section details the initial setup and installation of your Intermatic PE953 MULTIWAVE Wireless Remote Control.

Unpacking

Carefully remove all components from the packaging. Ensure the following items are present:

- Intermatic PE953 MULTIWAVE Wireless Remote Control
- 3 AA Batteries (included)
- Mounting Bracket
- Dummy Cap

Battery Installation

The PE953 requires 3 AA batteries for operation. Locate the battery compartment on the back of the remote and insert the batteries, observing the correct polarity.

Antenna Connection (for improved reception)

For optimal wireless reception, an external antenna connection using a Cat5 cable can be utilized. Follow these steps:

1. **Remove the Antenna Cover:** Carefully remove the two small screws securing the antenna cover on the top of the PE953 unit. Lift the cover to expose the internal antenna board.
2. **Connect Cat5 Cable to Antenna Board:** Take one end of a standard Cat5 cable (readily available from electronics or hardware stores) and plug it into the designated port on the antenna board. Ensure it clicks securely into place.
3. **Connect Cat5 Cable to PE953 Unit:** Plug the other end of the Cat5 cable into the corresponding port on the top of the main PE953 unit.
4. **Mount the Dummy Cap:** The system includes a dummy cap and a mounting bracket. The mounting bracket can be oriented vertically or horizontally using the arrows as a guide. Once the desired location is chosen and the bracket is mounted, attach the antenna board (with the Cat5 cable connected) to the mounting bracket.
5. **Reattach Dummy Cap:** Securely reattach the dummy cap to the top of the PE953 unit, ensuring it is pressed down tightly for weatherproofing. Reinsert the two small screws to fasten it.

Video: Improving Wireless Reception

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This video demonstrates the process of connecting an external Cat5 cable to improve wireless reception for the Intermatic PE953 MultiWave Wireless Remote. It shows how to access the antenna board, connect the cable, and reassemble the unit with the dummy cap.

OPERATION

The PE953 MULTIWAVE controller is designed for multi-tasking, allowing communication with various devices such as the PE650, PE653, and Z-Wave compatible transceiver devices. The backlit display provides real-time information.

Display Information

The water-resistant backlit display shows:

- Time of day
- Equipment status
- Water temperature
- Air temperature

Programming Functions

The controller allows you to program and display:

- All on/off schedules
- Thermostat settings
- Time of day
- Variable pump speeds

Memory Backup

An internal memory backup feature ensures that the communication link is retained even during power outages, preventing loss of settings.

Copying Programming

Programming can be copied from one PE953 remote control to additional units, simplifying setup for multiple controllers.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your PE953 MULTIWAVE Wireless Remote Control.

Battery Replacement

When the display indicates low battery or the remote's performance degrades, replace the 3 AA batteries. Always use fresh alkaline batteries for best results.

Cleaning

Wipe the remote control with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the display or casing. The unit is water-resistant, but avoid submerging it.

Storage

If storing the remote for an extended period, remove the batteries to prevent leakage and potential damage to the device.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your PE953 MULTIWAVE Wireless Remote Control.

No Display or Unresponsive Buttons

- Check battery installation and ensure correct polarity.
- Replace batteries with fresh ones.
- Ensure the remote is within range of the main control unit.

Poor Wireless Reception

- Ensure the Cat5 cable is securely connected to both the antenna board and the PE953 unit.
- Verify the external antenna (dummy cap with mounting bracket) is positioned optimally, away from large metal objects or other sources of interference.
- Consider relocating the external antenna to a higher or more open position.

Remote Not Communicating with Pool/Spa System

- Ensure the PE953 is properly paired or linked with your PE650, PE653, or Z-Wave compatible

transceiver device. Refer to your main system's manual for pairing instructions.

- Check for any error messages on the PE953 display or the main control unit.
- Verify that the main control unit is powered on and functioning correctly.

SPECIFICATIONS

Feature	Detail
Manufacturer	Intermatic Incorporated
Model Number	PE953
Item Weight	10.4 ounces
Product Dimensions	1.5 x 3.62 x 6.5 inches
Batteries	3 AA batteries (included)
Color	White
Material	Copper
Included Components	Intermatic PE953 Multiwave Wireless Remote

WARRANTY AND SUPPORT

Warranty Information

The Intermatic PE953 MULTIWAVE Wireless Remote Control comes with a **1-Year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For full warranty terms and conditions, please refer to the documentation included with your product or visit the official Intermatic website.

Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Intermatic customer support. Contact information can be found on the official Intermatic website or in your product packaging.