P1353ME Operating instructions

1. Press PROG Key to cycle through menu options.
2. Press UP and DOWN arrow keys to change program settings.
3. Press ENTER key to save changes and exit programming mode.
4. Press ON/OFF keys to manually turn devices ON or OFF.

For more details, please refer to instruction manual booklet

NOTES:
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2. 2. Press UP and DOWN arrow keys to change program settings.
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LIMITED ONE YEAR WARRANTY

If within the warranty period specified, this product fails due to a defect in material or workmanship, Intermatic Incorporated will repair or replace it, at its sole option, free of charge. This warranty is extended to the original house hold purchaser only and is not transferable. This warranty does not apply to: (a) damage to units caused by accident, dropping or abuse in handling, acts of God or any negligent use; (b) units which have been subject to unauthorized repair, opened, taken apart or otherwise modified; (c) units not used in accordance with instructions; (d) damages exceeding the cost of the product; (e) sealed lamps and/or lamp bulbs, LED’s and batteries; (f) the finish on any portion of the product, such as surface and/or weathering, as this is considered normal wear and tear; (g) transit damage. Initial installation costs, removal costs, or restatement costs.

Intermatic Incorporated will not be liable for incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty is in lieu of all other express or implied warranties. All implied warranties, including the warranty of merchantability and the warranty of fitness for a particular purpose, are hereby modified to exist only as contained in this limited warranty, and shall be of the same duration as the warranty period stated above. Some states do not allow limitations on the duration of an implied warranty, so the above limitation 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. Warranty service is available by mailing postage prepaid to: Intermatic Incorporated/After Sales Service, 7777 Wilm Rd., Spring Grove, IL 60081-9698 http://www.intermatic.com

Many of today’s energy efficient pools and spas utilize the advantages of a single electrical panel, containing all the necessary controls for the safe, efficient and automatic operation of the pool/spa equipment. In addition, this panel can also be used to control any outdoor equipment, sign or pump within its rated capacity.

As an option this all-weather enclosure contains the heavy-duty, industrial grade P1353ME Digital Time Clock. It also has provisions to install switches or a GFCI receptacle on the side as well as the inside.

The P1353ME Digital Time Clock (optional) is designed to operate any pump, within its rated capacity. However, if protection to prevent dry start is required by the pump manufacturer, it must be provided in addition to this control. Contact pump manufacturer if not sure and/or for more details.

DANGER! TO AVOID RISK OF INJURY:

...do not permit children to operate the Control Unit or use the Pool/Spa unless they are closely supervised at all times.
...test GROUND FAULT protection regularly. If it fails to reset, DO NOT USE THE POOL or SPA!
...do not permit children to operate the Control Unit or use the Pool/Spa unless they are closely supervised at all times.
Contact a qualified service technician.

READ, FOLLOW AND SAVE THIS INSTRUCTION MANUAL

GENERAL INFORMATION

http://www.intermatic.com

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**IMPORTANT SAFETY INSTRUCTIONS**

When installing and operating this product and other associated equipment, basic safety precautions should always be followed, including the following:

1. Read and follow all instructions.
2. This control must be installed by a qualified electrician, according to National and Local Electrical Codes.
3. Install this control not less than 5 feet (3 meters in Canada) from inside edge of pool. Use COPPER conductors only.
4. Do not exceed the maximum ratings of individual components, wiring devices, and current carrying capacity of conductors.
5. For ground fault protection, bonding, installing, and the wiring of underwater lights, refer to Article 680 of the National Electrical Code or Article 68 of the Canadian Electrical Code.
6. The control must not operate any equipment which would cause bodily injury or property damage if it were activated unexpectedly.

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**INSTALLATION**

1. Remove the two #10 hex head screws from the back of the enclosure and attach mounting bracket to enclosure.
2. Select the proper location for the control panel and hang enclosure on a flat vertical surface or other support. When mounting the enclosure, be sure to use hardware capable of supporting its weight.
3. Prepare the necessary conduit runs, terminate them at both ends and pull in the conductors as specified by the installation layout. If this control is used for direct conduit connection to a wet-niche or no-niche luminaire, order one of the following:
   - 3/4" non-metallic - order 156PA13714A
   - 1/2" non-metallic - order 156PA13715A
4. Refer to Figure 1 below. Note that though this figure shows a P1353ME Digital Time Clock, the P1353ME is not included on all models. See door panel for the specific configuration and rating of the model you are installing. To wire the panel, follow the wiring diagram located inside the enclosure door.
5. If required by the heater manufacturer, the P1353ME includes a connection for a fireman switch. This switch only works in conjunction with circuit #1 (Load #1) the P1353ME. Refer to pages 6 & 7 of the instruction manual for connection information, and refer to page 28 for fireman switch programming information. Use at least #18 AWG wiring with insulation rated 300 volt or higher. Some heaters may require a special connecting harness, contact heater manufacturer for details. Place heater ON/OFF switch on heater to ON position.
6. To install additional wiring devices inside the enclosure, first remove rectangular knockout(s) in dead front. Next, remove hex head screws in back of enclosure and install stand-offs in place of screws. Attach wiring device to stand-offs.

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**TROUBLESHOOTING**

1. Display will not come “ON” when unit is powered up?
   - 1a. Jumper on back of clock is missing or set incorrectly.
   - 1b. Fuse on back of clock blown open.
   - 1c. Power to clock not present.
   - 2a. Freeze Probe (P/N 178PA28A) not installed or bad.
   - 2b. Clock programming not setup.
   - 3a. Internal ON/OFF Times have not been defined.
   - 3b. ON or OFF time is in override mode.
   - 4a. Power to clock was interrupted long enough to lose time of day.
   - 4b. Clock still in programming mode.
   - 5a. Fireman switch wires not hooked up correctly from heater.
   - 5b. Fireman switch programming not defined.

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**ACCESSORIES**

**Freeze Probe Accessory**
Part number 178PA28A  (not included with all models)

The New Intermatic Freeze Protection Probe allows you to protect your pool or spa equipment during an unexpected freeze condition. The freeze probe comes with a 10 foot cable and plugs into the back of the P1353ME. The P1353ME can be programmed to turn on each or all-individual loads at any desired outside temperature.

**Heater Protection (Fireman) Switch**
The control is ready for programming, see OPERATION section on Page 4.

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**OPERATION**

When the installation is complete, the control is now ready for programming. See OPERATION section on Page 4.