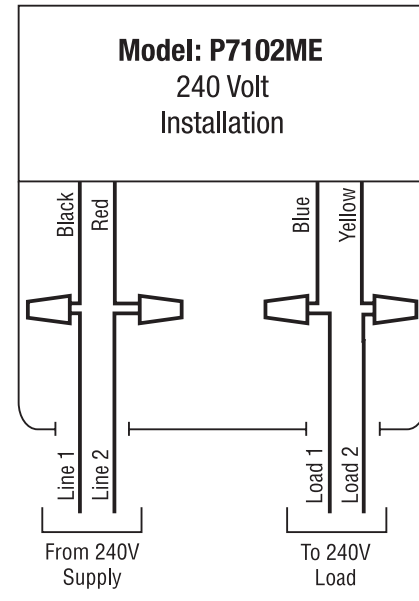
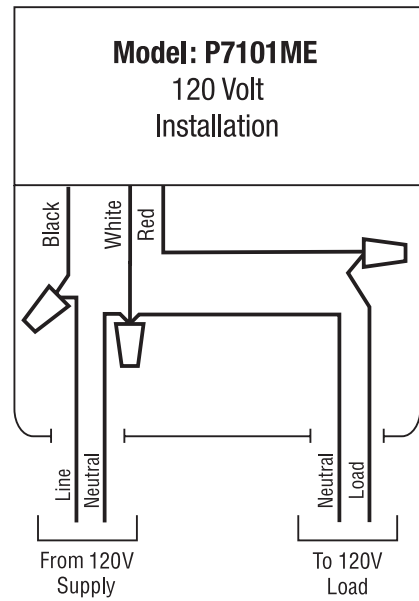


FIELD WIRING

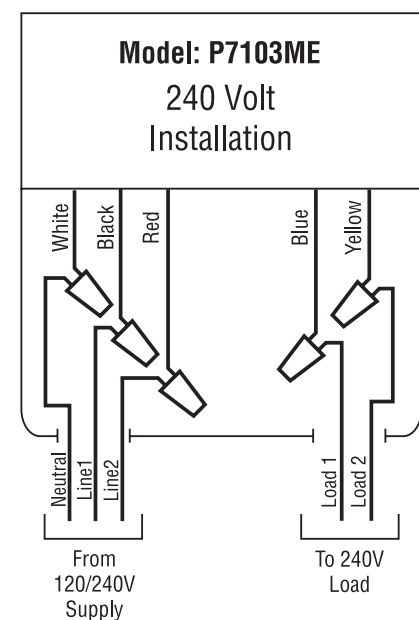
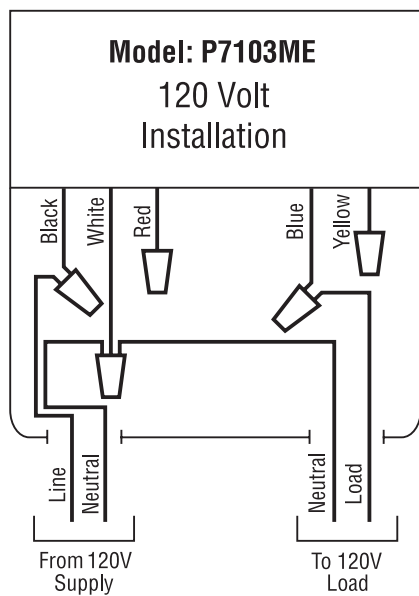


**INSTALLATION
OPERATION &
SERVICE MANUAL**

Model: P7000ME Series Electronic Time Control Mechanisms



Note:
Ground connections are not shown.



IMPORTANT SAFETY INSTRUCTIONS

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

1. This Control must be installed by a qualified electrician, according to the National Electrical Code (Including Article 680) and Local Electrical Codes.
2. USE COPPER CONDUCTORS ONLY. If applicable, install this Control not less than 5 feet from inside edge of pool or spa.
3. Do not exceed the maximum ratings of individual components, wiring devices, and current carrying capacity of conductors.
4. For grounding of the installation, refer to Article 250 and 680 of the National Electrical Code.
5. This Control should not operate any equipment which would cause bodily injury or property damage should it be activated unexpectedly.
6. Always disconnect electricity at main panel before servicing this Control or the equipment connected to it.

THIS CONTROL IS NOT TO BE USED AS A POWER DISCONNECT.

READ, FOLLOW AND SAVE THIS INSTRUCTION MANUAL

GENERAL INFORMATION

These electronic modular timers are designed to control electric appliances and equipment on a 7 day schedule. They can turn ON and OFF the connected load up to eight times daily and repeat the daily program 15 different ways. The timers are completely enclosed and, when fully charged, the internal battery will hold up the memory for at least 100 hours.

Model P7000ME series timer mechanisms are made to fit any Intermatic indoor or outdoor, metal or plastic enclosure and service panels. They are intended to replace older mechanical timers and also can be installed in service panels as retrofits. These timers are compatible with Intermatic's RC series remote controls.

Model	Voltage	Contacts	Rating*HP
P7101ME	120	SPST	1
P7102ME	240	DPST	3
P7103ME	120/240	DPST	1.5/3

* All Models: 20A. Resistive - 120 or 240V. 10 A. Tungsten - 120V.



WARRANTY

If within one (1) year from the date of installation, 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 cover labor for removal or reinstallation and does not apply to: (a) damage caused by accident, abuse, mishandling, or dropping; (b) a unit which has been subject to unauthorized repair; (c) units not used in accordance with directions; (d) damages exceeding the cost of the product. Some states do not allow a limitation of damages so the foregoing warranty 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 service is available, if the defective product or its defective component is returned with proof of purchase and date of installation, either (a) to the dealer from whom the unit was purchased or (b) by shipping prepaid to the Intermatic Service Center, Intermatic Incorporated, Intermatic Plaza, Spring Grove IL 60081-9698

Because of our commitment to continuing research and improvements, Intermatic Incorporated reserves the right to make changes, without notice, in the specifications and material contained herein and shall not be responsible for any damages, direct or consequential, caused by reliance on the material presented.

INTERMATIC INCORPORATED, SPRING GROVE, IL 60081-9698
<http://www.intermatic.com>

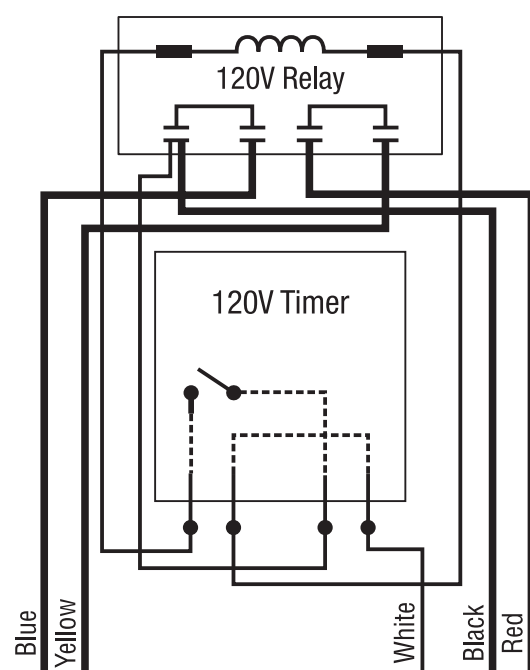
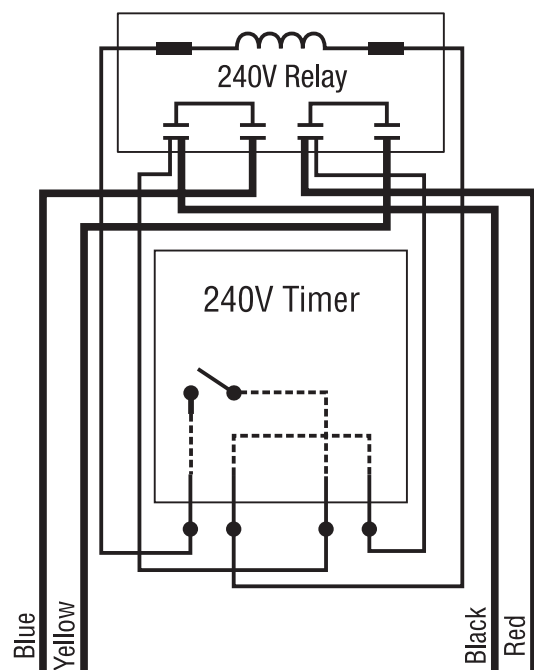
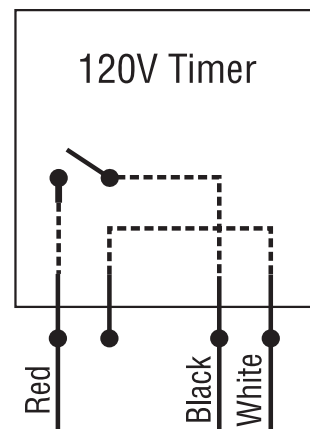
SPECIFICATIONS

Timer:	Microprocessor based 7-day clock
Power Consumption:	8VA
Battery Reserve:	100 Hours minimum
Minimum Interval:	1 Minute
# of Programming Periods:	8 ON / 8 OFF
Repeat Programs:	M/T/W/Th/F/Sa/Su (different each day) M+T+W+Th+F+Sa+Su (same every day) M+T+W+Th+F (same on weekdays) Sa+Su (same on weekends) M+T+W+Th+F+Sa M+W+F T+Th+Sa Th+F+Sa

INSTALLATION AND INTERNAL WIRING

Make sure the intended load is within the capacity of the Timer, see ratings on page 1.

1. Select the proper location (see Important Safety Instructions on page 1) for the proper enclosure of your choice and install it on a vertical surface or other support, using hardware suitable for the purpose.
2. Prepare the necessary conduit runs as required by the installation layout and pull-in the specified conductors.
3. Install timer mechanism in enclosure and follow wiring diagram on page 4, make wire connections as shown.
4. Turn ON power and test installation, using the MANUAL button on face of the Timer. Replace wiring compartment cover, make sure the installation is secure and raintight.
5. Set Timer, see Operating Instructions on page 3.



SETTING / OPERATING INSTRUCTIONS

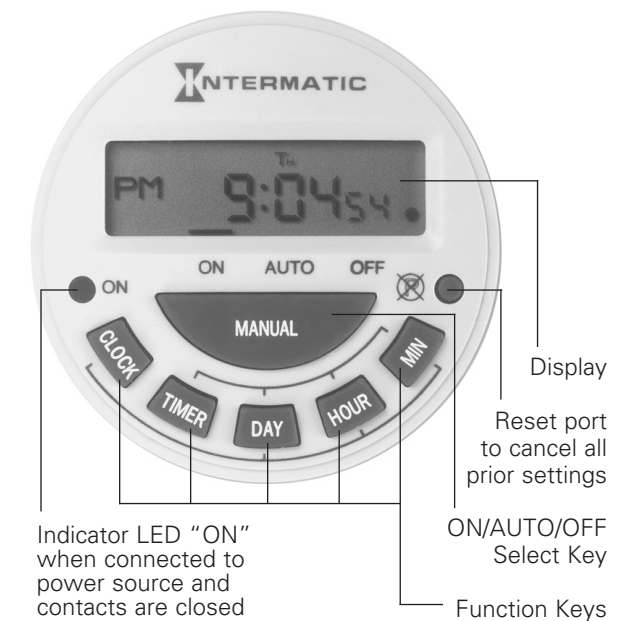
Programming Instructions

To Set or Change the Day and Time: To clear entire memory, press \otimes key. Hold down the CLOCK key while pressing either the DAY, HOUR or MINUTE keys. Continue pressing until the desired day or number is shown. Then simply lift finger off the CLOCK key to set.

To Set Program (ON/OFF times): Press TIMER key once to enter into program mode. Display will show "1 ON -- --". Press DAY key to choose any of 15 different day combinations for the first ON time. *Note: Days of the week having the same program should be copied by selecting the desired combination of days.* Press the HOUR key and then the MINUTE key to select the desired first ON time. Press TIMER key once. Display will show "1 OFF -- --". Repeat previous step to select the desired first OFF time. Repeat the entire sequence to complete up to eight total ON/OFF times as desired. When programming is done, press the CLOCK key then the MANUAL key repeatedly until the indicator bar is above the word "AUTO".

To Review Program: Press TIMER key repeatedly. When done, press CLOCK key to return to the time of day.

To Cancel/Change Part of the Program: Press TIMER key repeatedly until the particular ON or OFF time appears, then repeatedly press the DAY key until



the display shows "-- --". Set new ON or OFF time. (See: To Set Programs)

To Override Automatic Operation: Press MANUAL key to move indicator bar to the desired ON or OFF position. **Note: Timer will not resume automatic operation until indicator bar is repositioned above the word AUTO.**

In case this device is used to operate pool/spa equipment...

DANGER! To Reduce the 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!
Contact a qualified service technician.

TROUBLESHOOTING

Symptom	Possible Cause(s)	Corrective Action
Blank Display	Discharged battery..... Defective timer	Connect to power source Replace timer
Timer will not respond to programming	Memory is full.....	Press \otimes to clear memory
Timer will not function as programmed	Timer is in MANUAL mode.....	Press MANUAL key and move indicator bar over to AUTO
Timer is ON at all times	Timer is in ON mode..... Defective timer	See above Replace timer
	Defective relay.....	Replace relay