MODEL P1261P

PORTABLE TWO CIRCUIT OUTDOOR TIMER WITH GROUND FAULT PROTECTION. TOTAL LOAD NOT TO EXCEED: 15A. RESISTIVE, 1800W (15A.) TUNGSTEN, 1 HP (15 FLA, 90 LRA) -120 VOLT 60 HZ. Suitable for Pool/Spa Equipment Control

IMPORTANT -

This portable timer is designed for **CONTROLLING** the connected equipment only. Unplug timer before servicing the unit or the equipment it controls. THIS DEVICE IS NOT TO BE USED AS A POWER DISCONNECT! For maximum protection against electrical shock hazard, perform test procedure on GFCI at least once a month. If used to control pool/spa equipment install at least 5 feet from inside edge of pool/spa.

GFCI TEST PROCEDURE

The GFCI should be checked every month to make sure it is operating properly. It is recommended that a permanent record of the monthly safety check is maintained.

- 1. Push TEST button. RESET button should pop out from inner surface. This should result in power being OFF at the outlets. Verify by plugging test lamp into either outlet. Be sure the timer is in the ON position.
- 2. If the GFCI tests okay, restore power by pushing the RESET button back in. THE RESET BUTTON MUST BE PUSHED FIRMLY AND FULLY INTO PLACE UNTIL IT LOCKS AND REMAINS DEPRESSED AFTER PRESSURE HAS BEEN REMOVED.

DANGER IF RESET BUTTON DOES NOT POP OUT. IF TEST LAMP REMAINS LIT WHEN RESET BUTTON DOES POP OUT, OR IF GFCI FAILS TO RESET PROPERLY, DO NOT USE TIMER! CONTACT A QUALIFIED SERVICE TECHNICIAN!

TIMER - OPERATING INSTRUCTIONS -

- 1. Insert ON (GREEN) and OFF (RED) trippers into dial at desired ON and OFF times.
- 2. Turn dial clockwise and align arrow with Time-of-Day (AM or PM) in window.

FOR TEMPORARY MANUAL OPERATION

Rotate MANUAL knob counter-clockwise to desired ON or OFF position. Timer will follow next automatic operation.

INTERMATIC INCORPORATED SPRING GROVE, ILLINOIS 60081-9698

IMPORTANT SAFETY INSTRUCTIONS

DANGER: To reduce the risk of injury:

- Do not permit children to operate the timer or 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.
- Always disconnect electricity before servicing this timer or the equipment connected to it. THIS TIMER IS NOT TO BE USED AS A POWER DISCONNECT.
- Use timer only for its intended use as described in this manual.
- Install only on a GROUNDED 120VAC circuit protected by a fuse or circuit breaker.

SAVE THIS MANUAL

How to Set the Timer

- Insert ON (green) and OFF (red) trippers into dial at desired ON and OFF times (Fig. 1). Be sure trippers are firmly pressed against dial surface and at least one space is left between ON and OFF trippers (Fig. 2).
- Turn dial clockwise one or more revolutions until correct time of day is next to arrow in center of dial (Fig. 3).
- Plug pump into timer receptacle and plug timer cord into outlet.
 If timer is used outdoors, outlet must be suitable for wet locations.





OFF Tripper (Red)

Extra trippers may be stored on the dial by placing **same** color trippers next to each other.

For Early ON or OFF Operation

Turn manual knob counter-clockwise to desired ON or OFF position. Timer will follow next scheduled automatic operation.

Congratulations

You have made the right choice in purchasing a Pool and Spa Timer that provides not only convenience and energy savings, but which also will protect you and those around you from **ground fault currents**, one of the most common causes of electrical shock. This timer is designed for indoor and outdoor use and features a Ground Fault Circuit Interrupter (GFCI).

Why Ground Fault Protection is Important

Any electrical device is a potential shock hazard. When it becomes old or lacks proper maintenance, that danger increases. Such a device, if used in wet conditions or near water pipes, can be extremely hazardous or even fatal. *Because of this danger, most electrical codes now require ground fault protection* for locations in new residences such as pools, spas, outdoor outlets, bathrooms, kitchens, laundry rooms, workshops, basements and garages.

The GFCI in this timer operates on the principle that the current leaving the power source in one wire should always be equal to the current returning to the power source through the other wire. Thus, in a normal, safe circuit, the amount of current leaving the receptacle to the electrical device returns to the receptacle, and the GFCI circuitry sees a balance between these two currents.

Should a fault or shock situation exist, some of the current going from the power source to the electrical device passes to the ground through the person contacting that device. This current does not return through the GFCI to the power source. The GFCI senses the resulting imbalance and switches the interrupter mechanism to disconnect both wires of the electric circuit. When this happens, the indicator (RESET button) will pop out, exposing the word TRIP, and the receptacle will no longer supply power.

To determine if the GFCI is functioning properly, follow the testing procedure described later in this manual.

What a GFCI Can-and Cannot-Do

IT WILL

- protect people who are exposed to line-to-ground shock hazards that could be harmful or even fatal.
- trip out with a fault current as low as approx. 5 milliamperes, in an amount of time less than that likely to harm a person coming in contact with the shock.

IT WILL NOT

- prevent you from electric shock; it only limits the time duration so that it is usually safe for a normally healthy person.
- protect you if you touch both sides of the line (hot/black and neutral/white wires) or if you touch a line wire from another branch circuit.
- provide protection from overloads: the fuse or circuit breaker at the main panel serves this function.

Troubleshooting Guide

Symptom	Cause(s)	Corrective Action				
No power at	• No power to timer	Check circuit breaker in panel.				
timer's receptacle	• Open GFCI	Reset and test GFCI.				
	• Timer contacts open	Turn timer to ON, check timer setting and operation.				
	• Defective timer*	Replace timer.				
Timer loses time	• Power to timer is not continuous • Defective timer*	Check branch circuit that timer is plugged in to. Replace timer.				
Timer's receptacle is "hot" (energized) at all times	• No OFF trippers in dial • Defective timer*	Check timer operation. Replace timer.				

^{*} Timer should not be used over its rated capacity. The protective cover should always be in place.

How to Test the GFCI

It is important to check the GFCI every month to make sure it is operating properly. Maintain a diary of your monthly test in the chart provided below.

- Push the TEST button. The RESET button should pop out from the inner surface. This should result in power being OFF at the outlet protected by the GFCI. Verify by plugging a test lamp into the outlet. Be sure the timer is in the ON position.
- If the GFCI tests okay, restore power by pushing the RESET button back in. THE RESET BUTTON MUST BE PUSHED FIRMLY AND FULLY INTO PLACE UNTIL IT LOCKS AND REMAINS DEPRESSED AFTER PRESSURE HAS BEEN REMOVED.

DANGER: If the RESET button DOES NOT pop out, if the test lamp remains lit when the RESET button DOES pop out, or if the GFCI fails to reset properly, DO NOT USE THE TIMER! Contact a qualified service technician.

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