



# Aqua Logic

## Main Printed Circuit Board (PCB)

### \*\*\*\* IMPORTANT NOTES \*\*\*\*

#### Compatibility

This circuit board is compatible with all “P-4”, “PS-4”, and “PS-8” units. The microprocessor software will automatically check the type of local display that is connected and adjust Aqua Logic features and operation to match the appropriate model type.

If no local display is connected, or if there is a problem with the local display and it does not respond to inquiries from the main PCB, then the main PCB will assume that the system is an Aqua Logic-P-4 model. If this occurs: First fix the problem (install or fix the local display) and then cycle power off and back on--the Aqua Logic will recheck the local display and operate accordingly.

#### Programming

The Configuration, Timers, and Settings menus contain all of the information regarding how the Aqua Logic is programmed to operate a specific pool system. This information is stored on the main PCB and it is very important that all of this information gets transferred from the old PCB to the new PCB.

1. **Before replacing the old PCB:** Record all programming information (Configuration menu, Timers menu, and Settings menu) on the enclosed worksheet
2. **Replace the printed circuit board:** Make sure that ALL circuit breakers are OFF prior to PCB replacement. Also note that the sensor and display communication terminal blocks can be simply unplugged from the old PCB and reinserted into the new PCB—you don't need to disconnect/reconnect individual wires. Make sure that the local display is plugged in before turning power back on so that the new PCB can properly determine the system model type (P-4, PS-4, PS-8, PS-16).
3. **After installing the new PCB:** Reload all of the programming information previously recorded on the worksheet (Configuration, Timers, and Settings menus). Check that all functions and accessories (in-house displays and wireless spaside remotes) are operating properly.

If you have questions regarding the PCB replacement process, contact Hayward technical service 8AM to 8PM, Monday through Friday, at (908) 355-7995.

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