

# AQL-CHEM-UPG

for

Aqua Logic

## GLX-PCB-PRO

### Installation Instructions

## Introduction

The AQL-CHEM-UPG is designed to allow the AQL-CHEM Sense and Dispense™ Chemistry Kit to be used with discontinued Aqua Logic models.

## What's Included

- GLX-PCB-PRO printed circuit board (PCB)
- Wiring harness (used when replacing rev F or earlier Aqua Logic mainboards)
- AQL-CHEM Chemistry Kit

## Installation

Disconnect input power to the Aqua Logic before attempting to install the AQL-CHEM-UPG. Installing the AQL-CHEM-UPG requires the following steps:

- Record the existing Aqua Logic configuration and settings
- Remove Aqua Logic mainboard
- Install and Wire GLX-PCB-PRO
- Program the GLX-PCB-PRO
- Install AQL-CHEM according to the supplied instructions

### Record existing Configuration and Settings

When the mainboard is replaced, all existing Aqua Logic settings will be lost. To ensure that the Aqua Logic will operate the same after the upgrade, the new mainboard should be programmed identically to the existing board. Navigate through the Configuration and Settings menus and write down the existing Aqua Logic configuration/settings information.

### Remove the Aqua Logic Mainboard

With the power off and the front panel removed, disconnect the wiring to the Aqua Logic mainboard. Remove the display/keypad. Unscrew the two fasteners holding down the mainboard. Remove the board.

### Install the GLX-PCB-PRO

Reverse the steps above to install the GLX-PCB-PRO

*Rev G and later Aqua Logic mainboards:* Rev G and later Aqua Logic mainboards use the same wiring connections as the GLX-PCB-PRO with no need to use the supplied wiring harness. Wire the GLX-PCB-PRO as shown in the diagrams on the following page.

*Rev F and earlier Aqua Logic mainboards:* Because of the difference in wiring of these earlier boards, the supplied wiring harness must be used. Connect the harness in a manner that allows you to wire the GLX-PCB-PRO as shown in the diagrams on the following page.

### Program the GLX-PCB-PRO

Apply power to Aqua Logic. Using the Configuration and Settings information that you've written down, program the new mainboard the same as the old.

### Install the AQL-CHEM Chemistry Kit

Follow the instructions provided with the AQL-CHEM.

