



HLXPLCONTROL

Replacement Controller for OmniPL

Installation Manual

Contents

Description.....	1
Before you Begin.....	1
Installation.....	1

HLXPLCONTROL

Hayward Industries
400 Connell Drive, Suite 6100
Berkeley Heights, NJ 07922
Phone: (908) 355-7995
www.hayward.com



Description

The HLXPLCONTROL is a replacement touchscreen Controller for the OmniPL pool automation control.

Before you Begin

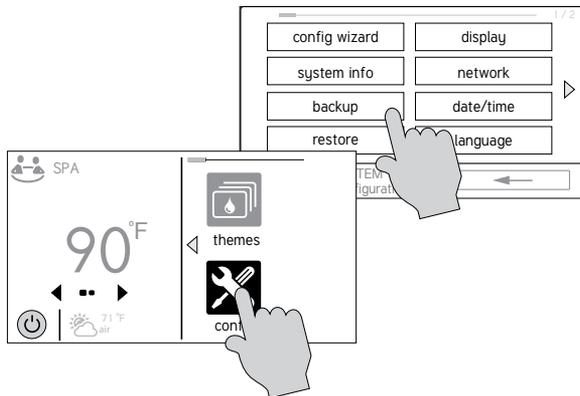
Before you replace the existing Controller, backup the configuration settings as described in this manual. If the OmniPL is not backed up before replacing the Controller, you'll have to reconfigure the OmniPL to manage your pool equipment. This is performed by following the Configuration Wizard instructions in the OmniPL Installation manual.

Installation

Backing up the OmniPL Configuration Settings

Because you'll be replacing the Controller, you must backup the OmniPL to a USB thumb drive. Internal memory is held in the Controller and therefore must not be used to store the backup. The instruction below describe the procedure when backing up the OmniPL to a USB thumb drive.

1. Insert a USB thumb drive with at least 500Mb of available storage into the Controller. The location is shown in the diagram on the following page.
2. At the Controller, select Backup as shown below.



3. Select the option to backup to USB and allow the OmniPL to backup completely. When finished, remove power and install the new Controller.

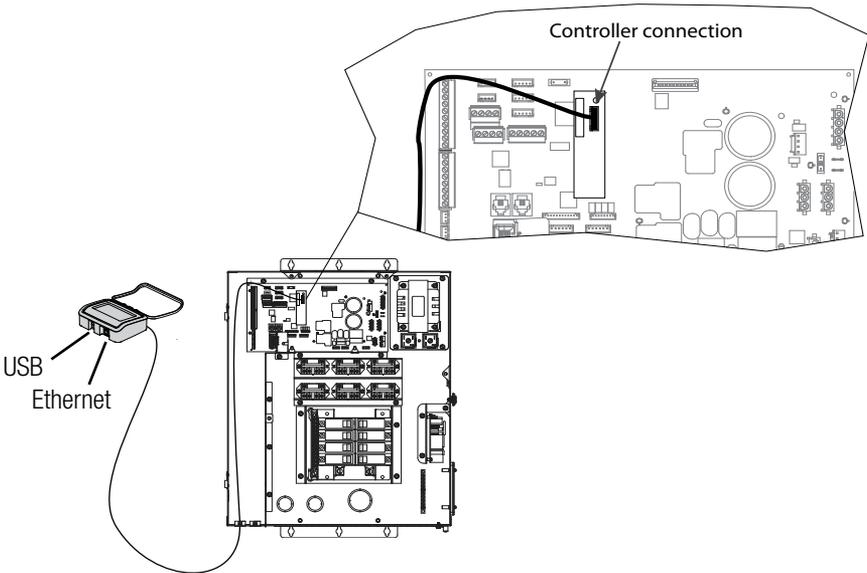


HAYWARD®

Installing HLXPLCONTROL

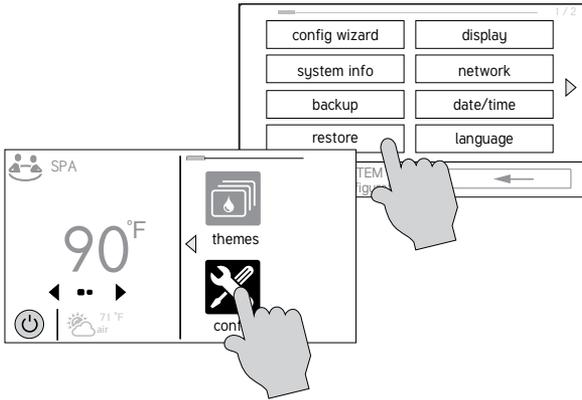
DANGER of Death, Injury or Property Damage if procedure not followed. This equipment connects to the OmniPL panel beneath the dead front. Dead front removal is required for this installation. Power to the OmniPL panel **MUST** be shut off before the dead front is removed. This means a complete shutdown of power to the entire OmniPL panel.

1. With the power removed, open the OmniPL's cover and remove the dead front to expose the OmniPL Main Board.
2. Remove the existing Controller connection by unplugging its cable, then remove the cable from the OmniPL enclosure.
3. Unfasten the existing Controller from its mounting surface. If the Controller is connected to the home's access point via Ethernet, remove the connection.
4. Reverse steps 1-3 to install the new Controller. Then proceed to restoring the saved backup.



Restoring the OmniPL Configuration Settings

1. With the deadfront installed, turn on power and let the OmniPL fully start.
2. Insert the USB thumb drive into the HLXPLCONTROL.
3. Select Restore as shown below.



4. Select the following option:

restore from USB - you can browse the USB drive and find available backups. Backup files will begin with "MSPCONFIGxyyzz" where xx=month, yy=day, and zz=year (the date the file was created). The OmniPL will automatically create a backup file when a new configuration is saved. These files end with ".xml". Backup files that are created manually end with ".bak". Both types can be restored.

To restore a backup, make your selection from above and then touch Save.

5. When the restoration is complete, navigate through settings and make sure that the backup/restore operation was successful. If there is a problem, you may have to reconfigure the OmniPL using the Configuration Wizard. This procedure is described in the OmniPL Installation manual.



Hayward is a registered trademark and OmniLogic is a trademark of Hayward Industries, Inc. © 2020 Hayward Industries, Inc.

All other trademarks not owned by Hayward are the property of their respective owners. Hayward is not in any way affiliated with or endorsed by those third parties.