



HAYWARD®

092737 RevA

Spaside Remote Control

for OmniLogic and OmniHub

Owner's Manual



Contents

Compatibility.....	1
Installation.....	1
Configuration.....	4
Operation.....	7
Warranty.....	10

HLSPASIDE

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Compatibility

OmniLogic

The HLSPASIDE is compatible with all Hayward OmniLogic and OmniHub automation controls using firmware revision R3.1.0 or later. Refer to your OmniLogic/OmniHub manual for instructions on viewing and updating firmware.

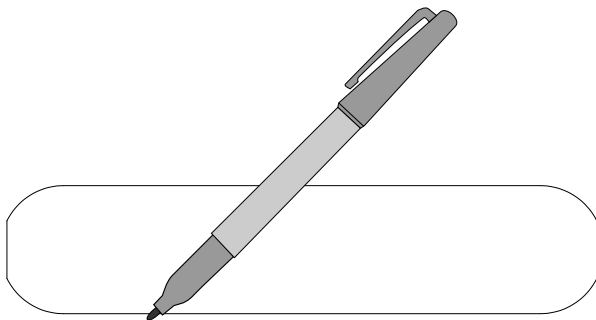
Installation

The HLSPASIDE is a double insulated, waterproof spa side remote control that is designed for installation at the spa's location. It is typically installed above the high waterline at the tile-line of the spa wall, or in the deck, within arm's reach of a spa occupant. Before the pool/spa construction is complete, run electrical conduit (if used) from the desired mounting location back to the OmniLogic or OmniHub control. The installation of the HLSPASIDE remote should be AFTER the pool/spa construction is complete. For new tile and concrete applications, use the Hayward HLMUDBOX Mud Box which is designed specifically for the HLSPASIDE. For mud box installation, refer to the detailed instructions included with the HLMUDBOX. For all other installations, refer to the information below.

Installation (without optional Mud Box)

If surface mounting your HLSPASIDE, follow the instructions below.

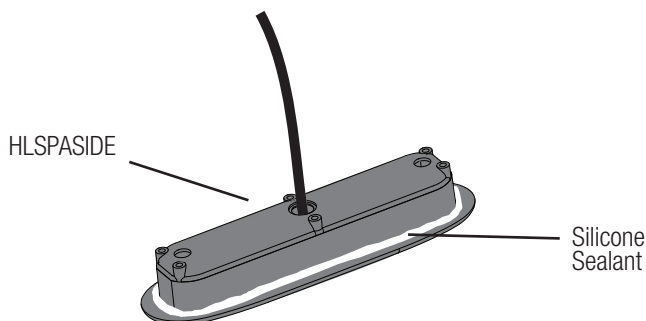
1. Find a convenient mounting location that allows for the HLSPASIDE's cable to be run back to the OmniLogic/OmniHub control. Depending on your application, electrical conduit can be used for the wire run.
2. Use the template on page 9 to trace a proper sized mounting hole. Place the template in the desired location and use a marker to trace the hole.



3. Clean around the perimeter of the hole and make sure the hole and surrounding surface is dry.



4. Run the cable from the HLSPASIDE through the cut hole and back to the OmniLogic or OmniHub.
5. Run a generous bead of clear silicone sealant around the underside of the HLSPASIDE face as shown below. Insert the HLSPASIDE into the hole. Press firmly so the sealant makes good contact with the mounting surface. Do not move the HLSPASIDE until the sealant has fully cured.

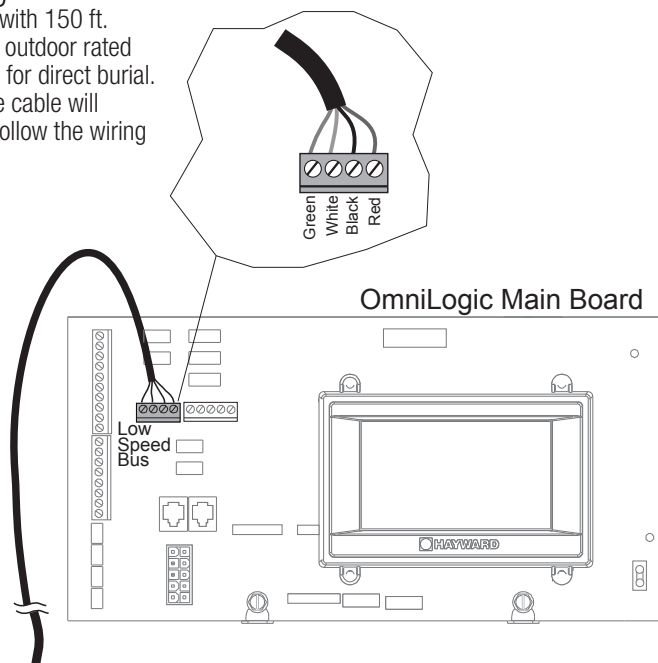


Installation using optional Mud Box

Refer to instructions that are included with the Hayward HLMUDBOX Mud Box.

OmniLogic Wiring

The HLSPASIDE comes with 150 ft. of 4-conductor 24 AWG outdoor rated cable which is not rated for direct burial. In most applications, the cable will need to be shortened. Follow the wiring instructions on page 3:

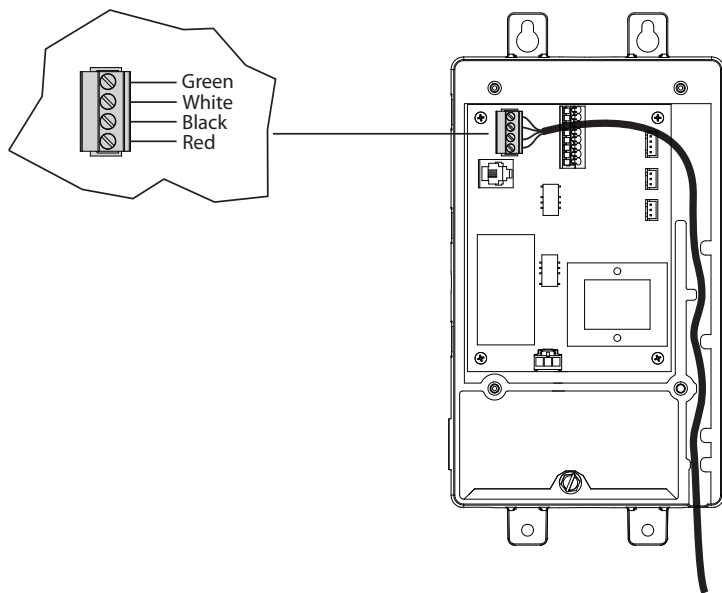




1. Disconnect OmniLogic from the home's main panel by turning off all AC power. Open the OmniLogic cover and remove the deadfront panel.
2. Route the HLSPASIDE cable through one of the knockouts on the bottom left side of the enclosure (low voltage side). Route the cable to the low speed bus connection shown below. If the cable needs to be shortened, cut the cable to the desired length.
3. Strip back the gray jacket and strip each of the 4 conductors to expose 1/8" bare wire.
4. Connect the wires, according to their colors, to the 4 position low speed bus terminal block referring to the diagram below.
5. Replace the deadfront and then reconnect power to the OmniLogic.

OmniHub Wiring

The HLSPASIDE comes with 150 ft. of 4-conductor 24 AWG outdoor rated cable which is not rated for direct burial. In most applications, the cable will need to be shortened. Follow the wiring instructions below:



1. Disconnect OmniHub from the home's main panel by turning off all AC power. Open the OmniHub cover and remove the cover panel.
2. Route the HLSPASIDE cable through one of the knockouts on the bottom right side of the enclosure. Route the cable through the OmniHub's dedicated low voltage channel and connect to the communication bus as shown below. If the cable needs to be shortened, cut the cable to the desired length.

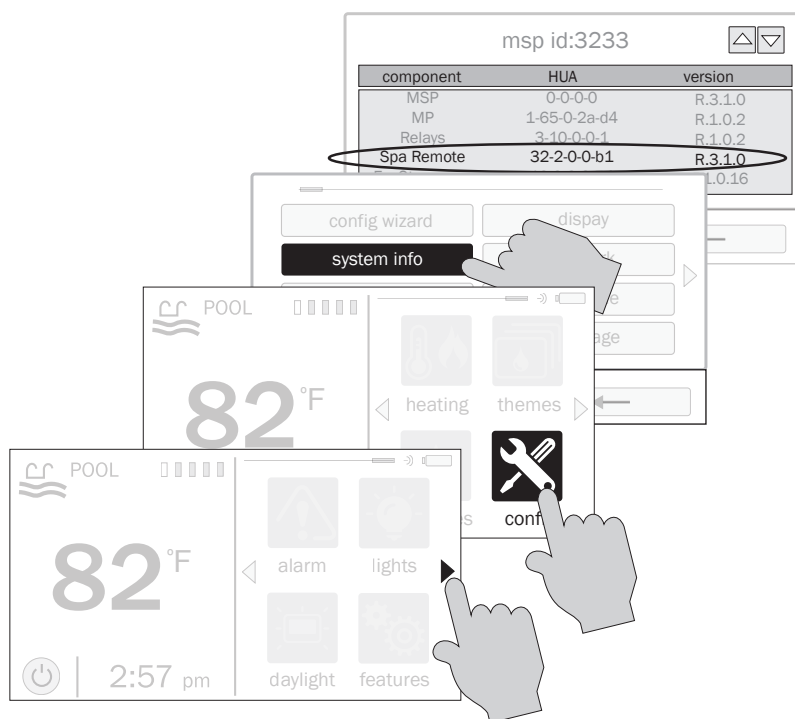


3. Strip back the gray jacket and strip each of the 4 conductors to expose 1/8" bare wire.
4. Connect the wires, according to their colors, to the 4 position low speed bus terminal block referring to the diagram below.
5. Replace the cover panel and then reconnect power to the OmniHub.

Configuration

Refer to page 8 for a description of the HLSPASIDE buttons and display before configuration. The HLSPASIDE should automatically be discovered when the OmniLogic/OmniHub first starts. Confirm that they are communicating properly by following the procedure below. A component entry for the HLSPASIDE should be listed as shown.

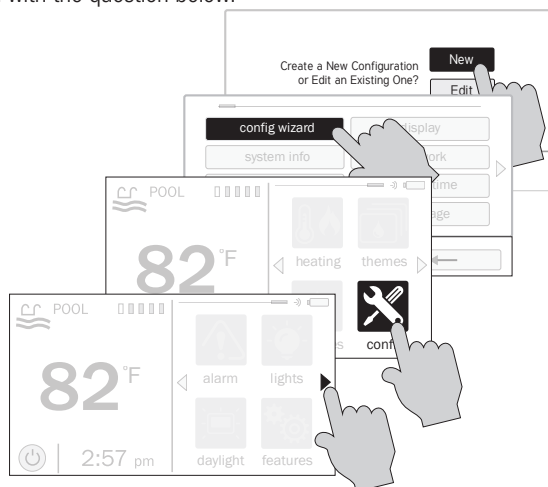
To configure the HLSPASIDE, run Configuration Wizard or Quick Edit at the OmniLogic or OmniHub. Refer to your control's Installation manual for information on how to start and navigate the Configuration Wizard or Quick Edit. Use the instructions on the following pages to configure the HLSPASIDE.





Configuring the HLSPASIDE using Configuration Wizard

To configure the HLSPASIDE using the Configuration Wizard, start the Wizard as shown and continue until you are prompted with the question below.



Would you like to configure a spa side remote? If you answer Yes, the Body of Water and Raise/Lower Temperature buttons will become functional. To assign functions to the Aux buttons, proceed through the configuration.

If Yes is selected:

Select an Aux button to configure - The 3 Aux buttons can be configured to run equipment, favorites or themes. In some cases, these buttons may be assigned to default functions. To change functions or assign a new function, select the button that you'd like to configure.

If an Aux button is selected:

Select Function - There are 4 options available.

Equipment - Pressing this button will bring you to a screen that shows all available equipment. Select the desired equipment that you want to assign to the Aux button.

Favorite - Pressing this button will bring you to a screen that shows all available Favorites. These Favorites had to have been defined prior to configuring the Aux buttons. Select the desired Favorite that you want to assign to the Aux button.

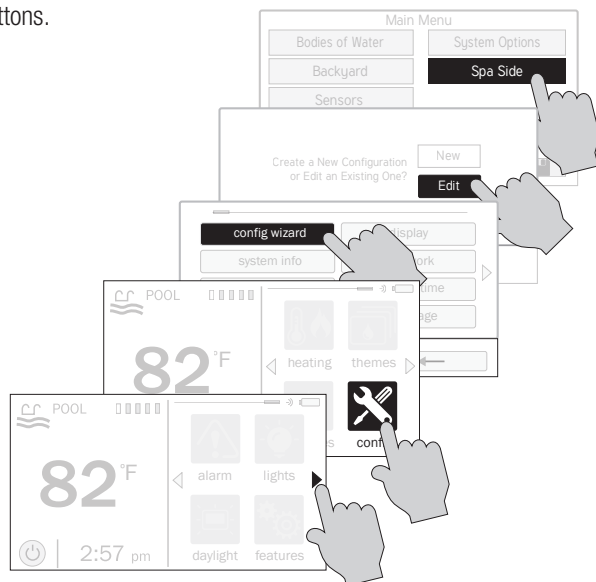
Theme - Pressing this button will bring you to a screen that shows all available Themes. These Themes had to have been defined prior to configuring the Aux buttons. Select the desired Theme that you want to assign to the Aux button

Unconfigured - If set to "Unconfigured", the Aux button will have no function.



Configuring HLSPASIDE Through Quick Edit

Start configuration by pressing the “Spa Side” button as shown. The Body of Water and Raise/Lower Temperature buttons will become functional. Follow the additional instructions below to assign functions to the Aux buttons.



If Spa Side is selected:

Select an Aux button to configure - The 3 Aux buttons can be configured to run equipment, favorites or themes. In some cases, these buttons may be assigned to default functions. To change functions or assign a new function, select the button that you'd like to configure.

If an Aux button is selected:

Select Function - There are 4 options available.

Equipment - Pressing this button will bring you to a screen that shows all available equipment. Select the desired equipment that you want to assign to the Aux button.

Favorite - Pressing this button will bring you to a screen that shows all available Favorites. These Favorites had to have been defined prior to configuring the Aux buttons. Select the desired Favorite that you want to assign to the Aux button.

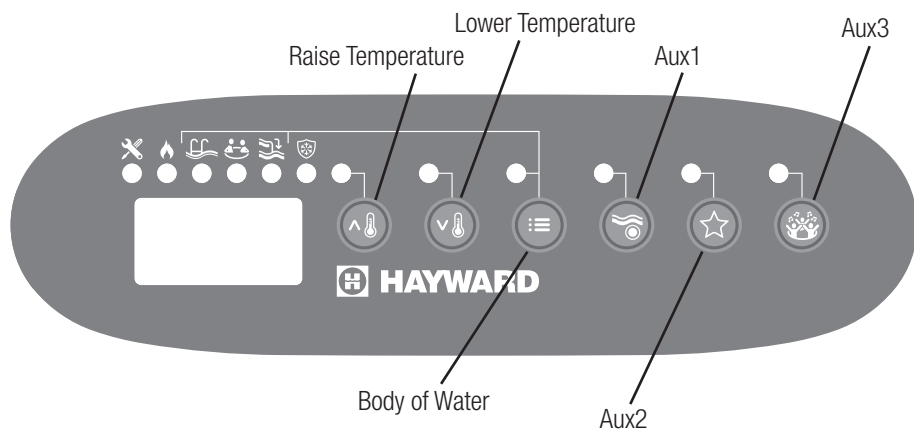
Theme - Pressing this button will bring you to a screen that shows all available Themes. These Themes had to have been defined prior to configuring the Aux buttons. Select the desired Theme that you want to assign to the Aux button

Unconfigured - If set to “Unconfigured”, the Aux button will have no function.

Operation

Operation of HLSPASIDE is straightforward. Refer to the following sections describing buttons and indicators.

Buttons



Raise/Lower Temperature

These two buttons are used to control the spa temperature. If the OmniLogic or OmniHub is currently controlling the pool, these buttons will not function. In Spa mode, a single push of either button will display the setpoint (blinking display). Subsequent pushes will raise or lower the setpoint (solid display).

The heater can be turned off by pushing both buttons simultaneously. The display will show "OFF" to confirm. To turn the heater back on, push both buttons again.

Body of Water

This button will toggle the control between Pool, Spa and Spillover mode (if Spillover is enabled). If the OmniLogic/OmniHub is controlling the pool, pressing this button will override schedules/timers and switch the control into Spa mode. Press the button again to enter Spillover mode. Another press of the button will return to Pool mode where the pump will resume the schedule. If the pool pump was running manually or by countdown timer (not by schedule), the pump will turn off when going back into Pool mode.

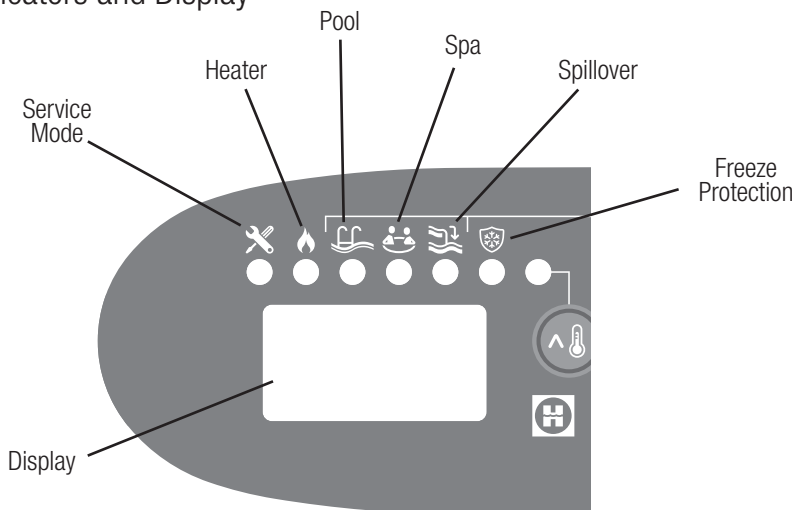
The filter pump can be turned off by pressing this button for 3 seconds.

Aux1, Aux2 and Aux3 Control

Although these three buttons have different icons, their function is the same. They are used to provide On/Off control of Equipment, Favorites or Themes which are assigned in the Configuration Wizard. The corresponding indicators will light when the function is on.



LED Indicators and Display



Display

When in Spa mode, the display will normally show the current spa temperature. If the Raise/Lower buttons are pushed, the current heater setpoint temperature will be shown. If the display shows three steady dashed lines, the OmniLogic is controlling the pool. If the display shows a moving dashed line, the OmniLogic is in the process of turning valves. This typically occurs when the OmniLogic is changing control from one Body of Water to another (or to/from Spillover).

Service Mode

This LED indicates when the OmniLogic/OmniHub is in Service Mode. Service Mode can only be started/stopped at the main unit. The HLSPASIDE will be disabled when the OmniLogic or OmniHub is in Service mode.

Heater

This will indicate when the heater is on. If the setpoint is set higher than the current temperature, the heater should start and this indicator will light.

Pool

When lit, the control is in Pool mode.

Spa

When lit, the control is in Spa mode.

Spillover

When lit, the control is in Spillover mode.

Freeze Protection

If Freeze Protection is enabled, this indicator will light when freeze protection has started. Freeze protection starts the filter pump to circulate pool/spa water to protect against freezing.



Cutting Template

Carefully cut out the Template from this page and position it onto the mounting surface.

Trace around the template with a marker.

Cutout the tracing using a suitable cutting tool.



LIMITED WARRANTY (effective 03/01/12) Hayward warrants its OmniLogic, OmniHub, Pro Logic, OnCommand and E-Command pool automation products as well as its Aqua Rite, Aqua Rite Pro, Aqua Plus and SwimPure chlorination products to be free of defects in materials and workmanship, under normal use and service, for a period of three (3) years. Hayward also warrants its Aqua Trol chlorination products to be free of defects in materials and workmanship, under normal use and service for a period of one (1) year. These warranties are applicable from the initial date of purchase on private residential swimming pools in the US and Canada. Installations of product for use on commercial pools in the US and Canada is covered for a period of one (1) year for defects in materials and workmanship. Hayward warrants all accessories and replacement parts for the above-identified pool automation and chlorination products for a period of one (1) year. Accessories also include remotes, actuators, base stations, temperature sensors, flow switches and chemistry probes. Each of these warranties is not transferable and applies only to the original owner.

Hayward shall not be responsible for cartage, removal, repair or installation labor or any other such costs incurred in obtaining warranty replacements or repair.

Proof of purchase is required for warranty service. If written proof of purchase is not provided, the manufacturing date code will be the sole determinant of the date of installation of the product. To obtain warranty service or repair, please contact the place of purchase or the nearest Hayward authorized warranty service center. For more information on authorized service centers please contact the Hayward Technical Service Support Center (61 Whitecap Road, North Kingstown RI, 02852) or visit the Hayward web site at www.hayward.com.

WARRANTY EXCLUSIONS:

1. Material supplied or workmanship performed by others in process of installation.
2. Damage resulting from improper installation including installation on pools larger than the product rating.
3. Problems resulting from failure to install, operate or maintain the product(s) in accordance with the recommendations contained in the owners manual(s).
4. Problems resulting from failure to maintain pool water chemistry in accordance with the recommendations in the owners manual(s).
5. Problems resulting from tampering, accident, abuse, negligence, unauthorized repairs or alternations, fire, flood, lightning, freezing, external water, degradation of natural stone used in or immediately adjacent to a pool or spa, war or acts of God.
6. Use of a non-genuine Hayward replacement salt chlorination cell on any Hayward automation or chlorination product will void the warranty for that product.

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