



OmniLogic® Wireless Remote

How To Guide



Remote: Product Overview

- The OmniLogic HLWIRELESS Wireless Terminal is a rechargeable touchscreen remote control for Hayward OmniLogic.
- The terminal is wireless and portable. Its unique watertight housing and floating design allows it to be used outdoors, even while inside the pool or spa*.
- The Wireless Terminal is 802.11 b/g/n compatible and communicates with the OmniLogic through your home network's Wi-Fi system with a "line of sight" range of 300 feet to the network's access point or router.



****NEVER put the HLWIRELESS remote in the charger while it is wet.
This may lead to accelerated product failure or corrosion.***

Remote: Requirements & Tech Specs

The following outlines the technical requirements and specifications related to the Wireless Remote and subsequent hardware.

Min. Firmware Rev.	Equipment
2.0.0	Wired Wall Mount (WDT)
2.0.0	Main System Processor (MSP)
1.0.5	Main Panel Processor (MPP)

Specifications	
6.34, 3.5, 4.0 (“)	Product Dimensions (L,W,H includes base)
2lbs	Shipping Weight
100VAC/50-60Hz/12VA	Charging Base Plug – Input (volts/frequency/amps)
5VDC/1.2A	Charging Base Plug – Output

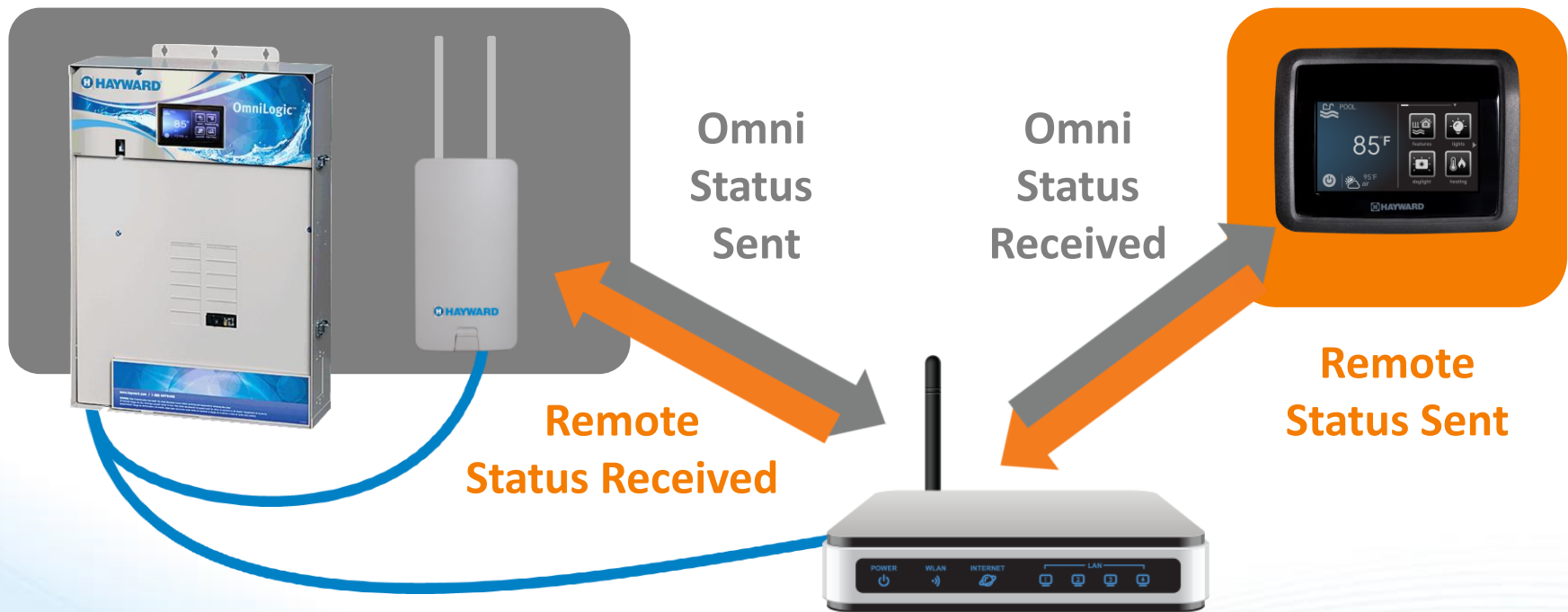
****ALWAYS upgrade the wired wall mount first, before upgrading the MSP.***

Remote: How Communication Works

The Hayward Wireless Waterproof Remote communicates to the home network router, through the 2.4 Ghz Wi-Fi.

It DOES NOT connect directly to the OmniLogic or HLWLAN.

Important: The remote MUST be connected to the same network as the OmniLogic; including the same network name (SSID).



How To: Sync Remote with Network

Use the steps provided to synchronize the HLWIRELESS with the home network.

Step 1



Upon boot-up the Hayward Logo will appear.

Step 2



Once the "Welcome" screen appears, tap "OK".

Step 3



Select the network name from the list. If the network does not appear, tap on the refresh button in the top right.

Step 4

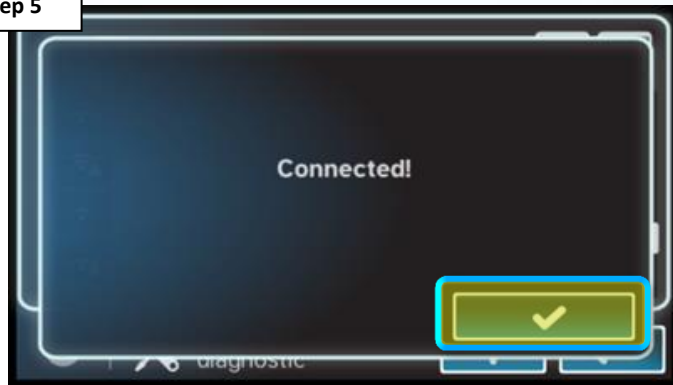


Enter network password. NOTE: Network passwords are case sensitive. Once complete tap the check mark to continue.

How To: Sync Remote with Network (cont.)

The HLWIRELESS communicates through the router and not directly with the OmniLogic unit.

Step 5



Once connected, tap the check mark in the lower right.

Step 6



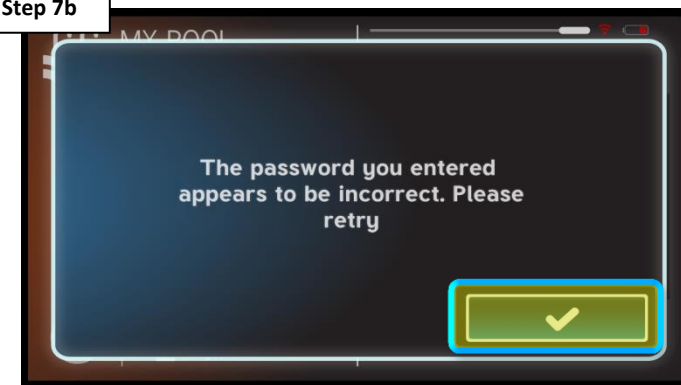
The remote will automatically scan the network for the OmniLogic.

Step 7



IF the scan was successful the wireless remote will populate with the dashboard information seen on the MSP.

Step 7b



IF the scan fails a pop-up will appear, press the check mark and retry Config>Network. If it still fails reset the Wireless Remote (next section).

NOTE: IF the OmniLogic is connected to Wi-Fi, make sure the HLWIRELESS is connected to the same network and not one with a different SSID or network name.

How To: Reset the Remote

Use the steps provided to reset the HLWIRELESS remote.

Step 1



Take the remote out of its cradle.

Step 2



Flip the charging cradle upside-down, revealing the bottom.

Step 3



Locate the label on the bottom of the base and the small "R" on the back of the wireless remote. These two should line up in Step 4.

Step 4



Holding the remote face up, hover the remote close to the base from right to left, lining up the labels.

How To: Reset the Remote

Use the steps provided to reset the HLWIRELESS remote.

Step 5



When the screen goes completely blank, tap on the screen to verify it is rebooting.

Step 6



Place the remote back in the charging cradle, at this point the remote should reboot.

Step 6b



IF, directly following a blank screen, the remote immediately displays the dashboard, then the remote was not reset (repeat steps 2-6).

How To: Download Firmware

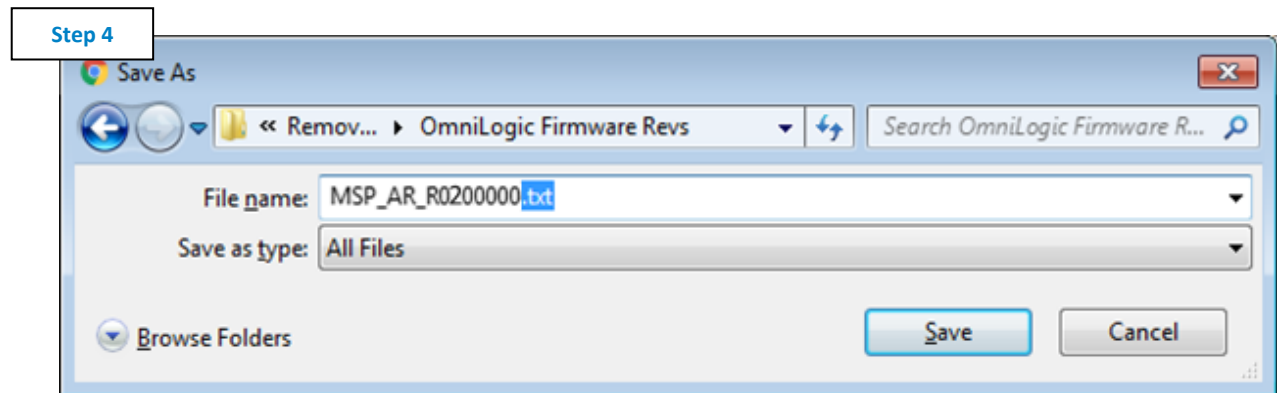
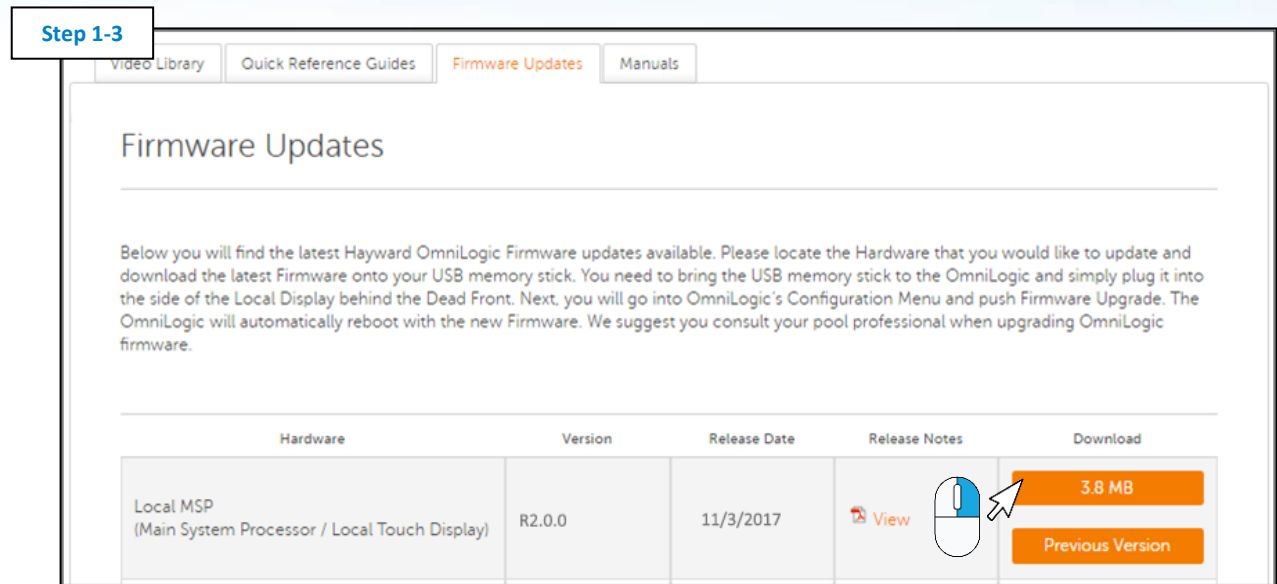
To download the latest firmware to a USB drive go to www.hayward.com
Support Center > Automation > OmniLogic > Firmware Updates

Step 1: Right click on the link of the file you wish to download.

Step 2: Within the options menu select "Save link as..."
(**Note:** USB drive must already be connected to your computer).

Step 3: From the "Save As" window navigate to the desired USB drive.
(**Note:** please make sure to select the root directory of the USB drive).

Step 4: Before saving, change the "Save as type" to "All Files" AND remove the ".txt" file extension that automatically appears. Then click on "Save" button.
(**Note:** failing to remove the .txt file extension will result in an unreadable firmware upgrade file).



How To: Upgrade Firmware

Insert the USB drive into the side of the MSP and follow the steps provided below:

Step 1



The screenshot shows a control interface for a pool system. At the top left, it says "POOL" with a water icon. The temperature is displayed as "85°F". Below the temperature, there's a power button icon highlighted with a blue circle. To the right of the power button, it says "95°F air" with a sun and cloud icon. On the right side, there are four icons: "features" (house with water), "lights" (lightbulb), "daylight" (sun with rays), and "heating" (thermometer with flame).

Press the power button.

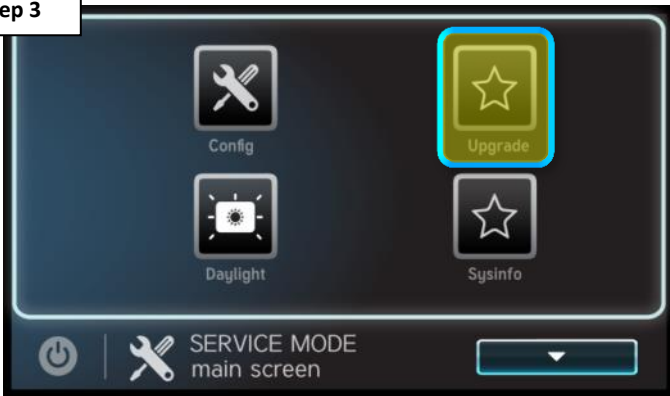
Step 2



The screenshot shows a menu with four options: "service mode" (wrench and lock icon, highlighted with a blue border), "shut down" (power icon), "features off" (house with arrow icon), and "simple mode" (star icon). A back arrow is at the bottom right.

Select "service mode".


Step 3



The screenshot shows a menu with four options: "Config" (wrench and screwdriver icon), "Upgrade" (star icon, highlighted with a blue border), "Daylight" (sun with rays icon), and "Sysinfo" (star icon). At the bottom, there's a power button, a wrench icon, and the text "SERVICE MODE main screen".

Tap the "Upgrade" icon.

Step 4



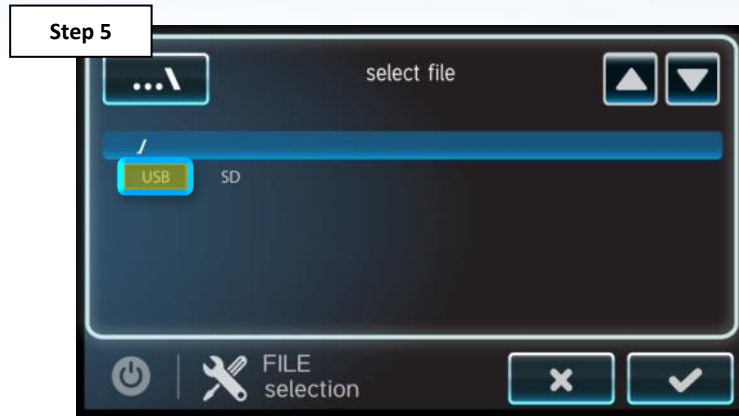
The screenshot shows a "Select Device" screen with a table of components and their versions. The "MSP" component is selected. At the bottom, there's a power button, a wrench icon, and the text "COMPONENT selection". A checkmark button is highlighted with a blue border.

component	HUA	current version
MSP	0-66-0-2a-78	B.1.0.16
MP	1-65-0-2a-ec	X 1.0.16
recovery	--	--

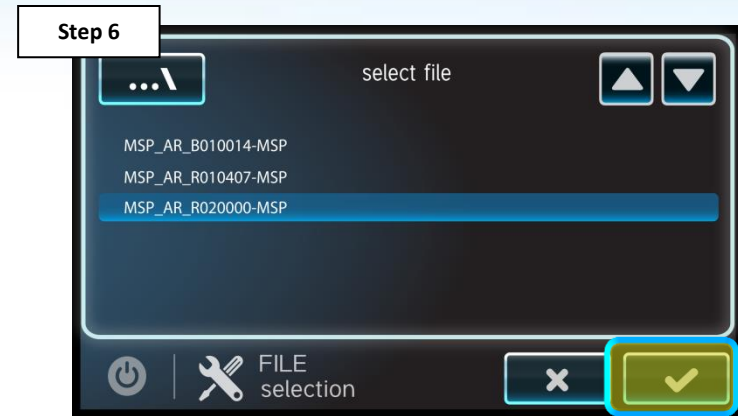
Tap the device to upgrade then check mark.

How To: Upgrade Firmware (cont.)

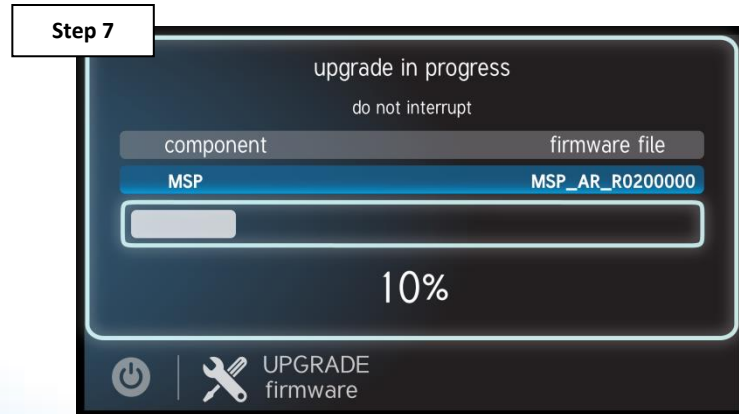
NOTE: Make sure all devices are up to the latest firmware revision.



Select storage method (USB).



Select latest file (downloaded from web).



Press check mark to start the upgrade process
(**DO NOT** power off while in process).






Press check mark when complete (100%),
system will reboot.

****ALWAYS upgrade the wired wall mount first, before upgrading the MSP.***

How To: Interpret Wi-Fi Status

The Wi-Fi indicator located in the top right of the remote, reveals the relationship between the wireless remote, the OmniLogic, and the network router.



	Normal Connection: the Wireless Terminal is connected to the OmniLogic MSP, this is normal operation.
	Partial Connection: the Wireless Terminal is connected to your home's network, but not connected to the OmniLogic MSP.
	No Connection: the Wireless Terminal does not have a connection to your home's network.