OmniLogic® Wireless Terminal QUICK START GUIDE

6 Easy Steps

Charge the Wireless Terminal → Check latest MSP Firmware Version → Upgrade MSP if Necessary → Connect to Home Wireless Network → Check latest Wireless Terminal Firmware Version → Upgrade Wireless Terminal if Necessary
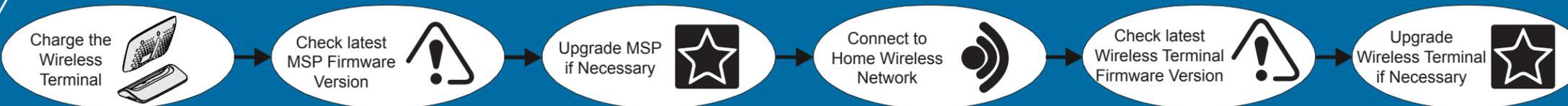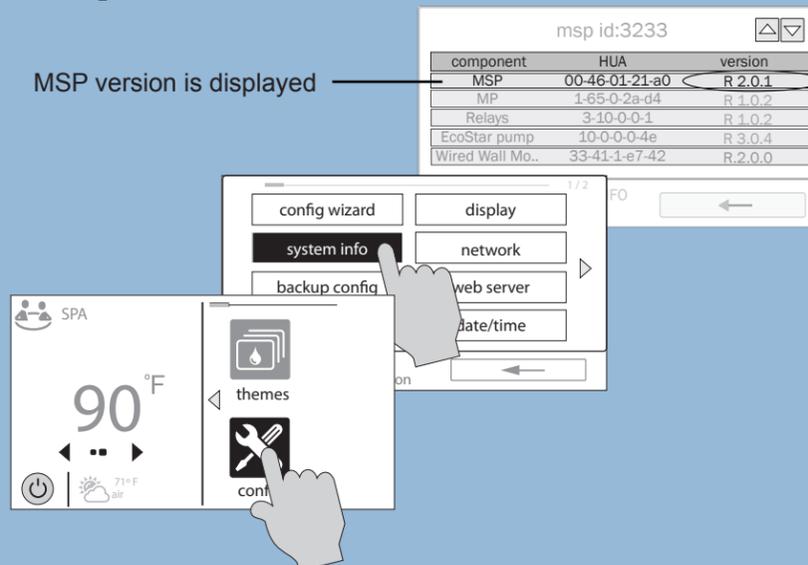
Step 1 — Charge the Wireless Terminal
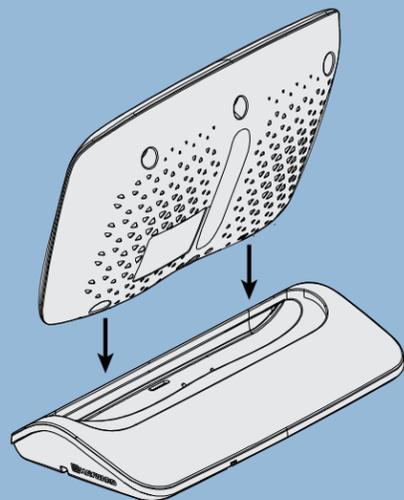
The following steps should be performed ONLY with the Wireless Terminal placed in the charging cradle, or after charging for at least 8 hours. If a firmware upgrade is needed, it must be completed while in the charging cradle.

NOTE: The Wireless Terminal will take 12 seconds to reboot when placed in the charging cradle if the battery is fully discharged.

Step 2 — Check MSP Firmware Version

MSP version is displayed

component	HUA	version
MSP	00-46-01-21-a0	R 2.0.1
MP	1-65-0-2a-d4	R 1.0.2
Relays	3-10-0-0-1	R 1.0.2
EcoStar pump	10-0-0-0-4e	R 3.0.4
Wired Wall Mo...	33-41-1-e7-42	R.2.0.0

msp id:3233

config wizard — display
system info — network
backup config — web server
date/time

SPA

90 °F

Before connecting the Wireless Terminal to the OmniLogic system, verify that you have the latest OmniLogic MSP firmware version. The firmware version displayed in "System Info" should be the same as the latest version available for download on the web. Follow the screens above to locate your MSP firmware version and go to Step 3 to find the latest firmware version on the web.

Step 3 — Check Latest Firmware Version on the Web

In Ground Automation

Select Product:
OmniLogic® ▾

Select SKU:
HLBASE ▾

To find the latest available firmware version, go to www.hayward.com/firmware and select "OmniLogic" from the "Select Product" drop-down menu and "HLBASE" from the "Select SKU" drop-down menu.

Video Library | Quick Reference Guides | Firmware Updates | Manuals

Firmware Updates

Select the "Firmware Updates" tab.

Local MSP (Main System Processor / Local Touch Display)	R 2.0.1	06/08/2016	View	4.00 MB / Previous Version

A list of all the latest firmware versions available for download appear. Note the firmware version located in the "Local MSP" box. If the version matches your current version located in Step 2, then move on to Step 4. If not, then go to Side B of this sheet to perform a firmware upgrade of your MSP.

Step 4 — Go to "Wireless" Menu

With the latest MSP version loaded to your OmniLogic, Touch "OK" at the welcome screen below **from your Wireless Terminal** to enter the wireless configuration screen.
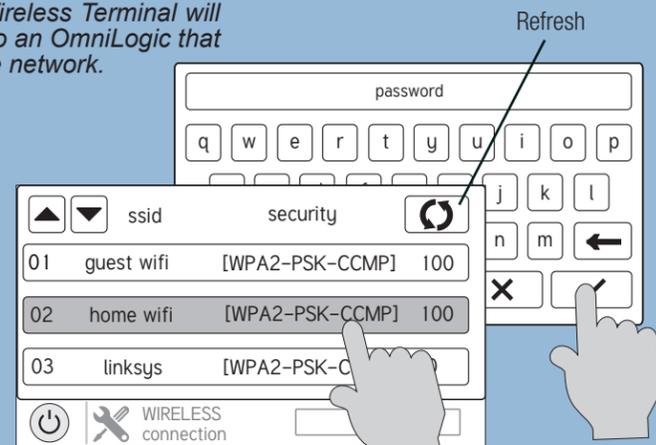
NOTE: This following procedure assumes that your OmniLogic system is already connected to your home wireless network.

HAYWARD®

Welcome to the Hayward Wireless Remote

Press OK to setup your new remote.

OK   en

Step 5 — Connect To Home Wireless Network

The wireless configuration screen will display the SSID (network name), security type, and signal strength of all the access points in range. The list will be displayed in alphabetical order. Touching the Refresh button will sort the list by signal strength. Select the desired SSID from the list and input your password on the screen that pops up. Press the check mark to save your selection. Your Wireless Terminal is now configured to your home wireless network and will automatically pair with your OmniLogic system.

NOTE: The Wireless Terminal will only connect to an OmniLogic that is on the same network.

Refresh

password

q w e r t y u i o p
a s d f g h j k l
z x c v b n m

ssid — security

01	guest wifi	[WPA2–PSK–CCMP]	100
02	home wifi	[WPA2–PSK–CCMP]	100
03	linksys	[WPA2–PSK–C...

WIRELESS connection

Step 6 — Check Wireless Terminal Firmware Version

Now that your Wireless Terminal is connected to the OmniLogic system, the final step is to verify that the firmware version of the Wireless Terminal matches that of the MSP.

To find the current firmware version of the Wireless Terminal, go to the OmniLogic and follow the same screens shown in Step 2. Then go to the website (Step 3) and verify that the latest firmware version matches that of your Wireless Terminal (shown as "Waterproof" in the list below). If they match, congratulations, you are finished configuring your Wireless Terminal to your OmniLogic. If they do NOT match, follow the steps on Side B of this sheet to perform a firmware upgrade to your Wireless Terminal. The unit must be in the charging cradle when performing a firmware upgrade.

msp id:3233

component	HUA	version
MSP	00-46-01-21-a0	R 2.0.1
MP	1-65-0-2a-d4	R 1.0.2
Relays	3-10-0-0-1	R 1.0.2
EcoStar pump	10-0-0-0-4e	R 3.0.4
Waterproof	33-41-1-e7-42	R 2.0.1

MSP firmware version

Wireless Terminal firmware version

SYSTEM INFO

HAYWARD®

Side A

If a firmware upgrade to your MSP or Wireless Terminal is required...

Step 1 — Download Latest Firmware Version

WARNING - Removing and replacing the USB thumb drive requires removal of the front panel. Verify that all power is removed to the OmniLogic system before removing the front panel.

From your computer: To begin upgrading your MSP or your Wireless Terminal, navigate to the website as shown in Step 3 on Side A of this sheet. Insert your USB thumb drive (not included) into the computer. Click on the orange download button located in the box of the component that you are upgrading. Save the firmware file to the USB drive.

When Upgrading your MSP (Step 3, Side A), select:

Local MSP (Main System Processor / Local Touch Display)	R 2.0.1	06/08/2016	View	4.00 MB / Previous Version

When Upgrading your Wireless Terminal (Step 6, Side A), select:

|				
Wired Terminal (In House Wired Touch Remote)	R 2.0.1	06/08/2016	View	3.60 MB / Previous Version

NOTE: It is best if you download the firmware in Chrome, Firefox or Safari browsers. If you download in Internet Explorer, once your download is complete, please remove the ".TXT" extension from the file on the USB drive.

Remove the USB drive from the computer once the download is finished.

Step 2 — Insert USB into the MSP and Enter Service Mode

Verify that power is removed to the OmniLogic system and remove the front panel. Insert the USB drive into the side of the MSP.
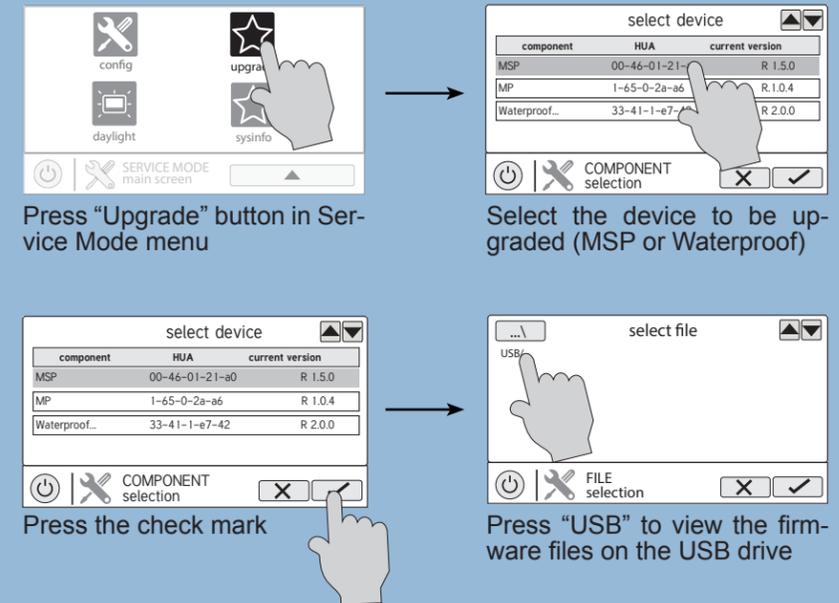
Replace the front panel and then power on the OmniLogic system. When the system finishes powering back on, enter Service Mode by following the screens below.
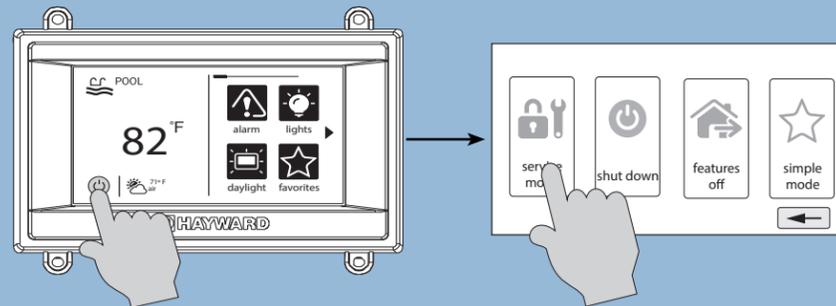
NOTE: Do not choose Timed Service Mode when upgrading a device. If you DO choose Timed Service Mode, be sure to dedicate enough time so that the upgrade will have time to finish. Upgrading a Wireless Terminal can take a few minutes.
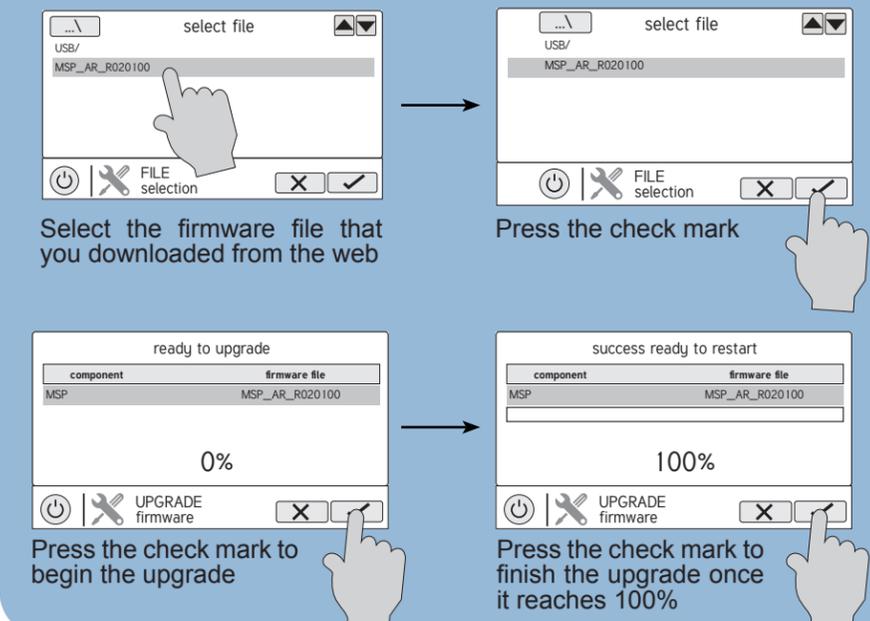
Step 3 — Press Upgrade and Select Component to be Upgraded

Follow the screens below to begin the upgrade for the device.

Press "Upgrade" button in Service Mode menu

Select the device to be upgraded (MSP or Waterproof)

Press the check mark

Press "USB" to view the firmware files on the USB drive

Step 4 — Start the Upgrade

Follow the screens below to finish upgrading the device. Note that the system will restart after upgrading the MSP, not after upgrading the Wireless Terminal.


Select the firmware file that you downloaded from the web

Press the check mark

Press the check mark to begin the upgrade

Press the check mark to finish the upgrade once it reaches 100%

Troubleshooting

If the problem persists after following these steps, call the Hayward Technical Service Department at (908)-355-7995 for assistance.
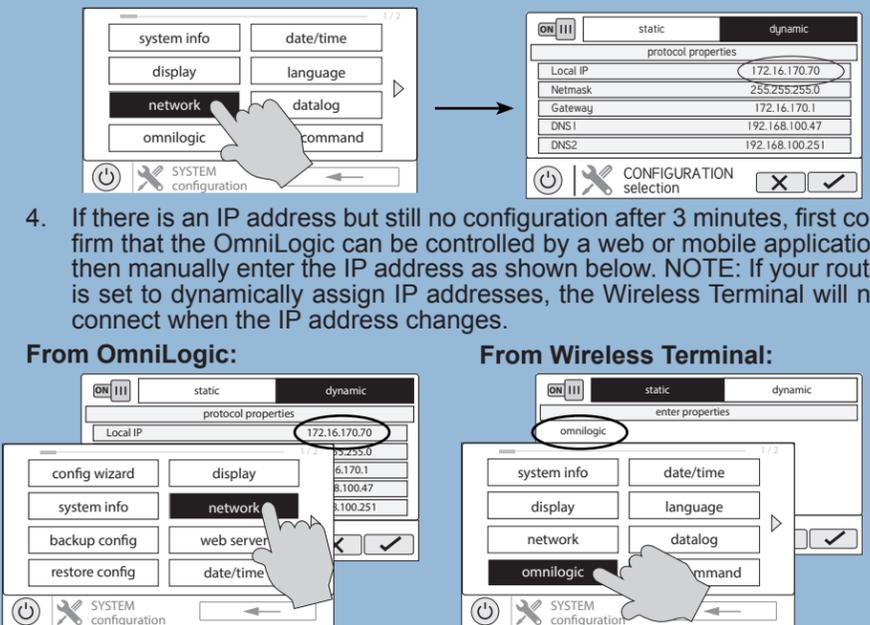
No Configuration: If the Wireless Terminal displays the "Searching for OmniLogic" screen shown below, then the OmniLogic system is not discovering the Wireless Terminal. To troubleshoot this issue, follow the steps below.

1. Make sure the **OmniLogic** is connected to your home network.

2. Follow the screens below **from the Wireless Terminal** to check that you are connected to an SSID and that there is a good signal.
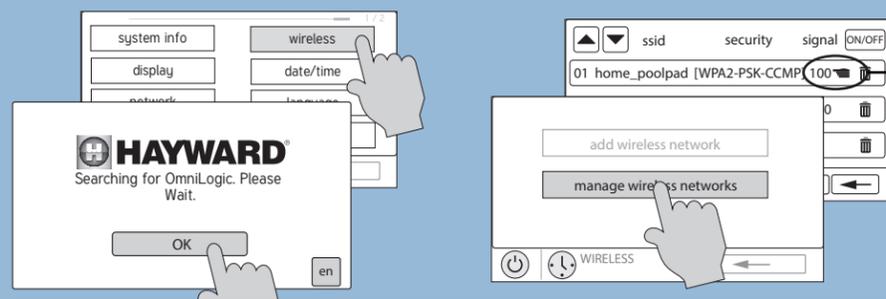
There should be a pointer next to the access point that you are connected to and the signal should be 100, indicating good signal strength. If the pointer is not next to your SSID, try reconnecting to it (Side A, Step 5).

3. Verify that you have an IP address by following the screens below. An IP address and information should be filled in for all fields as seen in the screen below.

4. If there is an IP address but still no configuration after 3 minutes, first confirm that the OmniLogic can be controlled by a web or mobile application, then manually enter the IP address as shown below. NOTE: If your router is set to dynamically assign IP addresses, the Wireless Terminal will not connect when the IP address changes.

From OmniLogic:

Note the IP address found in the dynamic tab from the OmniLogic's network configuration screen.

From Wireless Terminal:

Replace "omnilogic" text with the IP address found previously to directly connect to your OmniLogic system.

092677 RevB

Side B