



OmniLogic®

How To Guide



HTG-OL150e

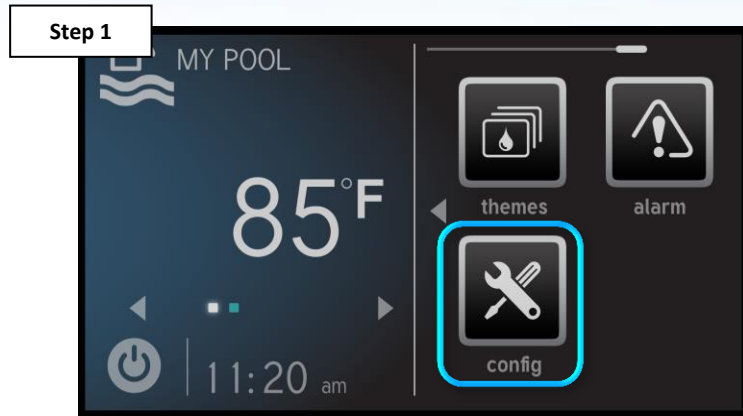
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How To: Back-Up Configuration

Use the steps provided to backup a configuration. These steps aid firmware upgrades, MSP changes, and corrupted configurations.



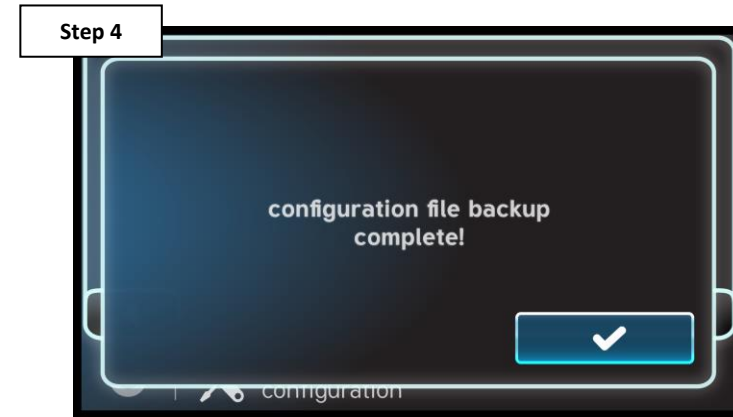
On the right of the dashboard locate and tap the “config” icon.



Select the “backup config” option (third down on the left most column).



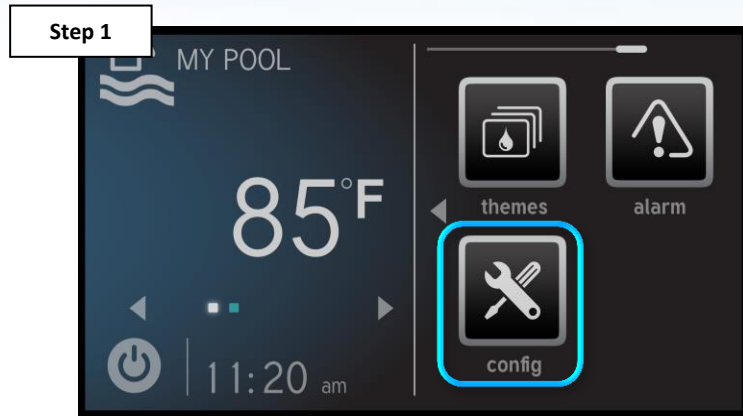
Select “Backup to USB”, after inserting a USB drive, then press the check mark.



Once the backup is confirmed press the check mark to finalize.

How To: Restore a Configuration

Use these steps to load a previously saved configuration:



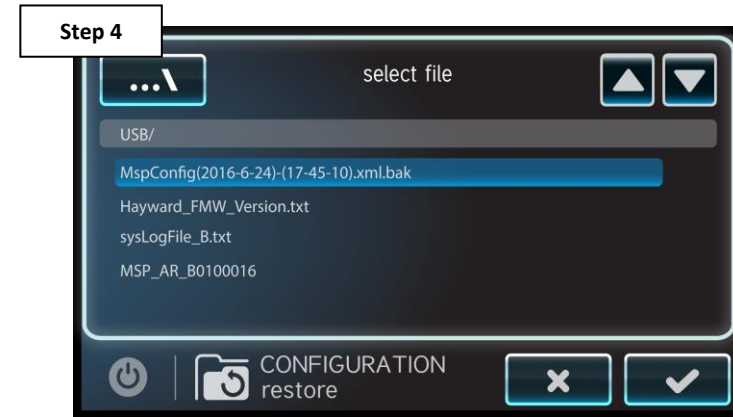
On the right of the dashboard locate and tap the "config" icon.



Select the "restore config" option (fourth down on the left most column).



Select where the file is stored, in this case "Restore from USB".



Select the desired file to restore with the .bak file extension and press the check to finalize.

NOTE: If restoring the configuration from a USB drive, plug-in the drive prior to starting this process.

How To: Download Config. from Web

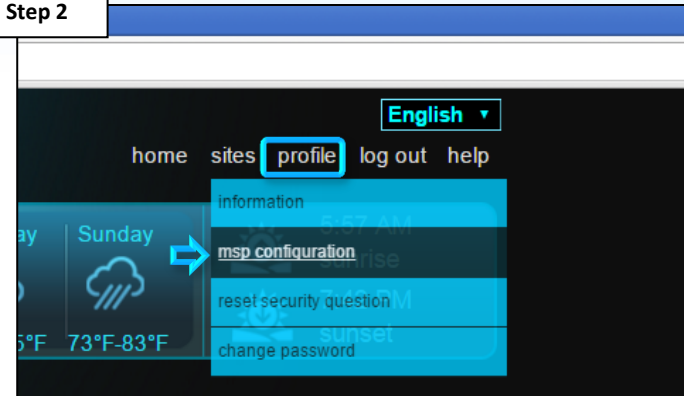
Use the steps provided to download a configuration file from the Web.

Step 1



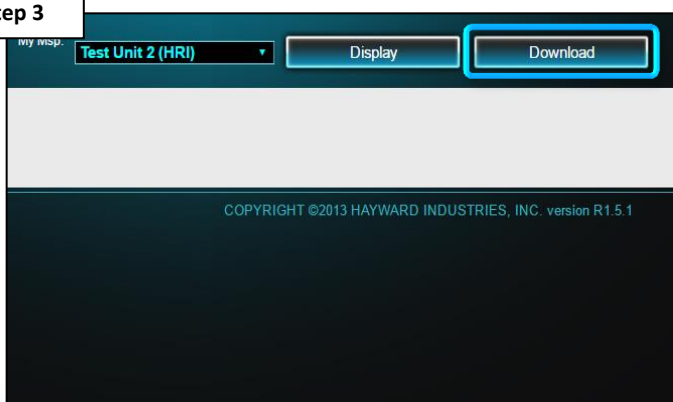
Log into the registered web account via:
www.haywardomnilogic.com

Step 2



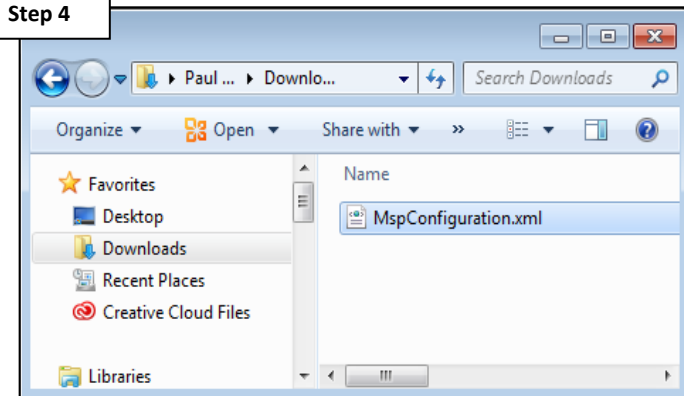
On the top right, select profile>msp configuration.

Step 3



Select "Download". Soon after, the file should appear on the hard drive (typically under the download folder).

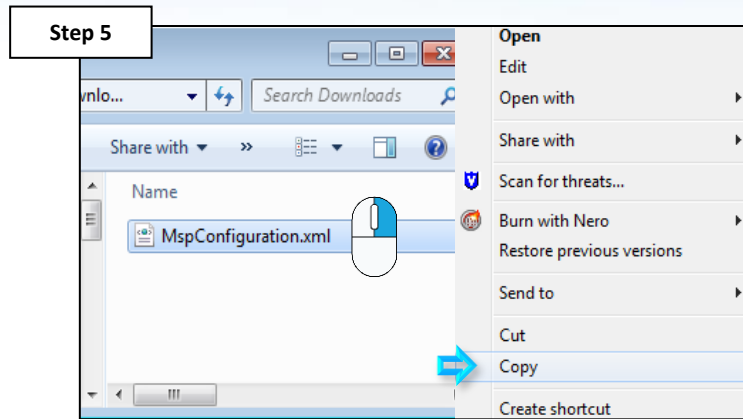
Step 4



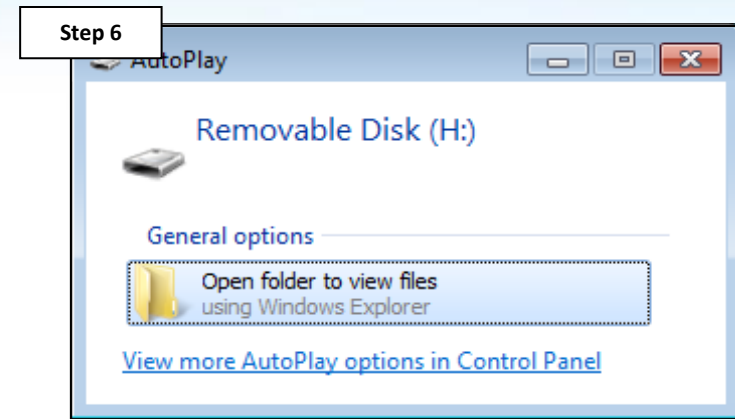
Verify the file has the .xml file extension. Note: the file may be renamed as long as the .xml is not changed or removed.

How To: Download Config. from Web (cont.)

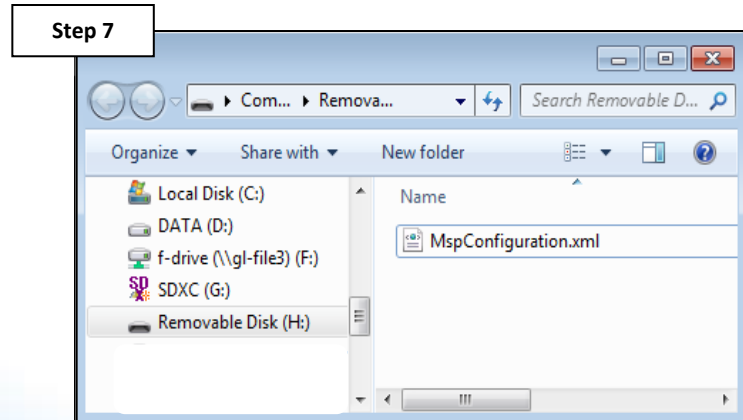
Once config. is copied AND USB is ejected, go to the next section to load web config.



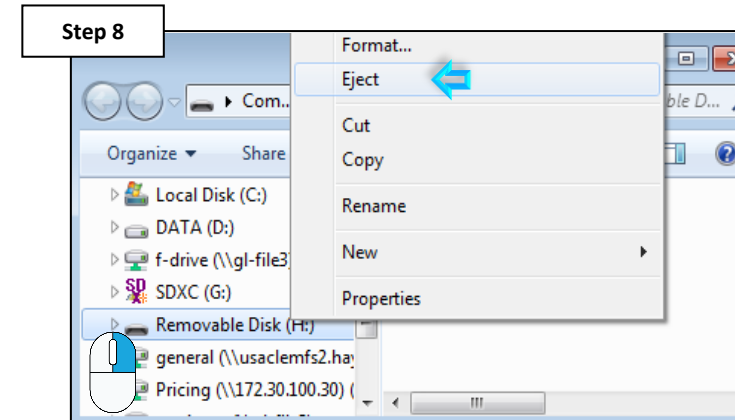
Right click on the downloaded file and copy it.



Insert USB drive into the PC & launch folder.



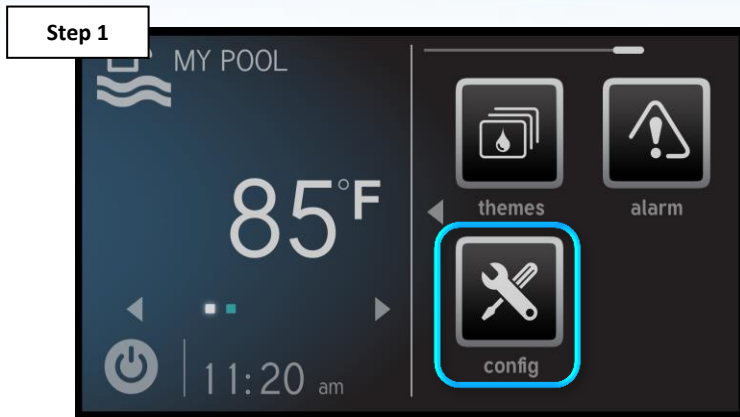
Paste downloaded file onto the USB drive, waiting for the copying process to completely finish.



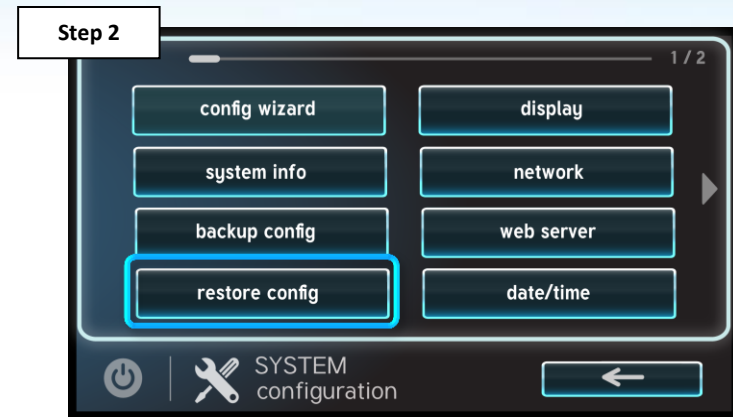
IMPORTANT: Next, safely remove the USB by right clicking on the application & selecting "Eject".

How To: Load Config. Downloaded from Web

Use these steps to load a Configuration that has been downloaded from the web.



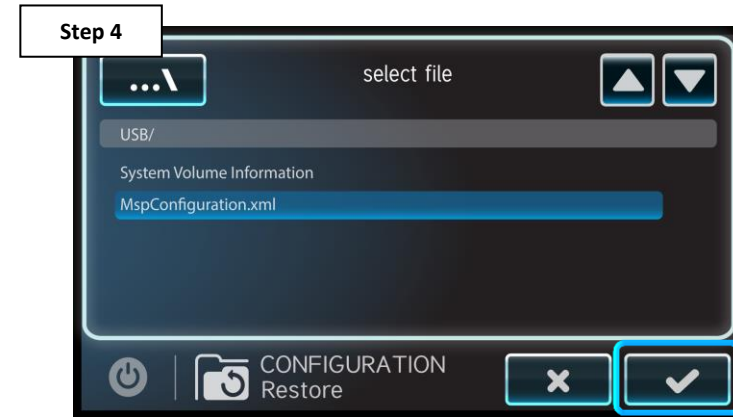
On the right of the dashboard locate and tap the "config" icon.



Select the "restore config" option (fourth down on the left most column).



Select where the file is stored, because this file was loaded from the web onto a USB drive, select "Restore from USB".



Select downloaded file, if unchanged, it should show as "MspConfiguration.xml". Press the check to finalize.

How To: Download Firmware

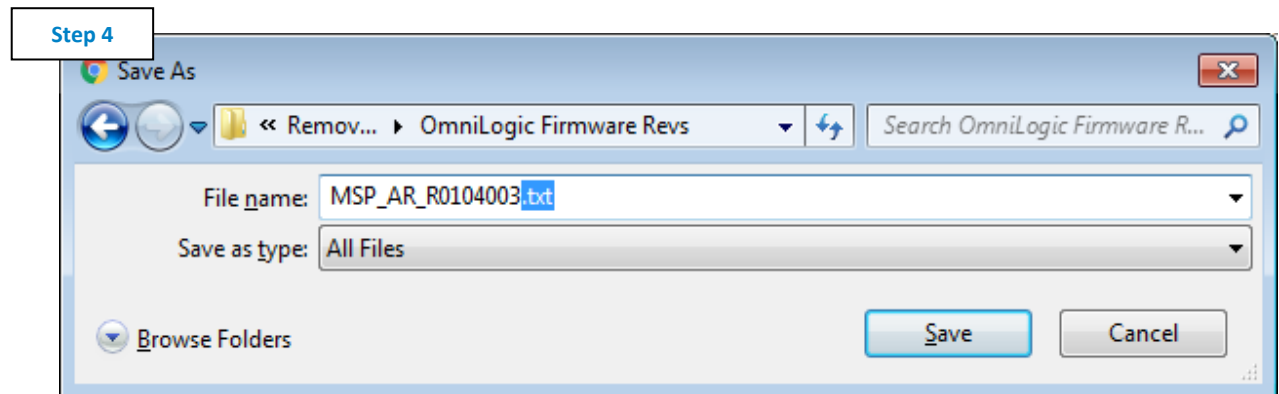
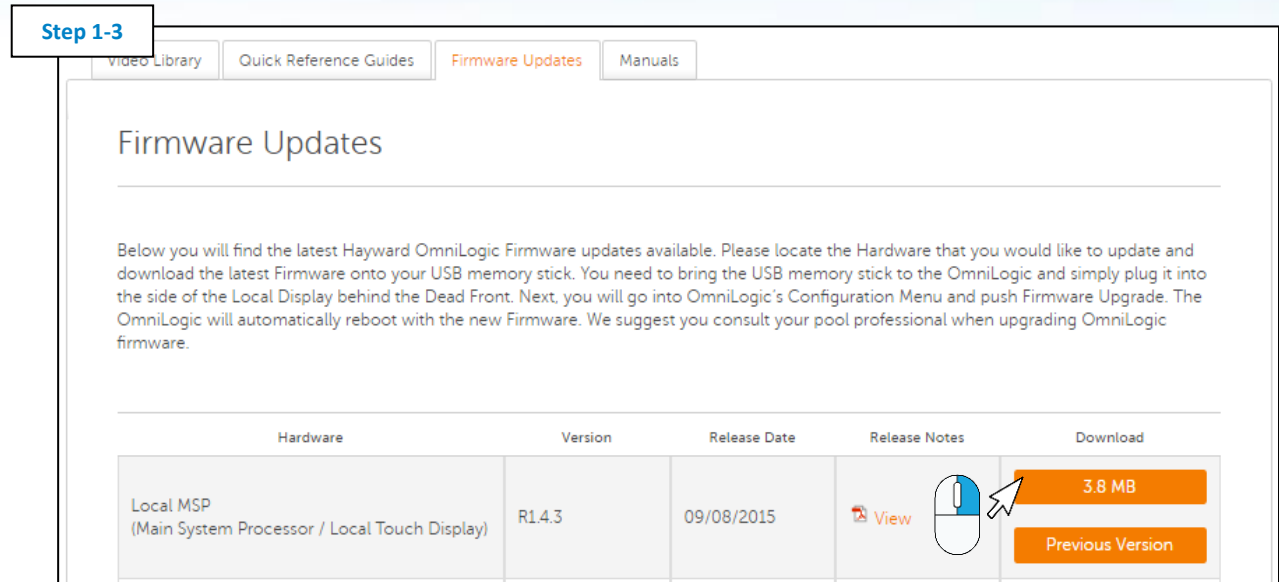
To download the latest firmware to a USB drive go to www.hayward.com
Support Center > Automation > OmniLogic > Firmware Updates

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

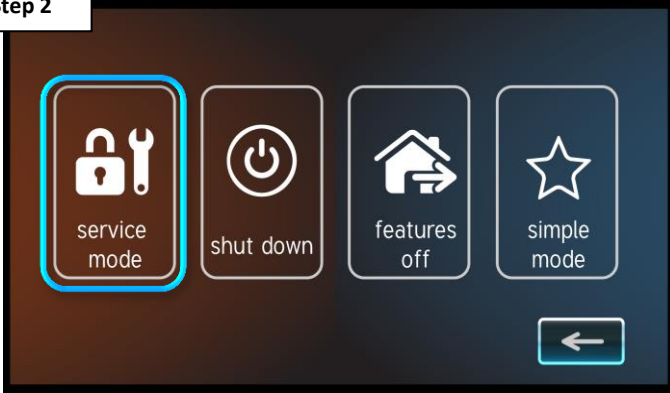
Insert the USB drive into the side of the MSP and follow the steps provided below:

Step 1



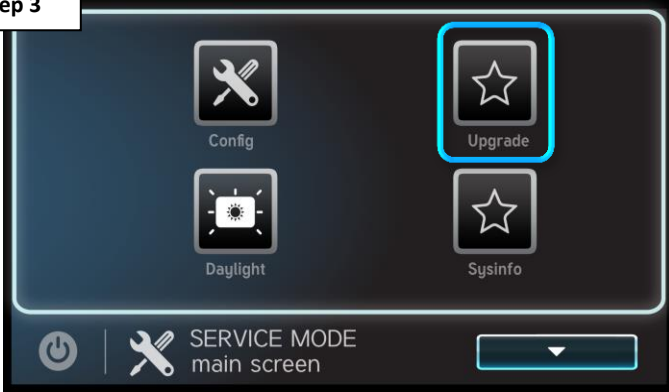
Press the power button.

Step 2




Select "service mode".

Step 3



Tap the "Upgrade" icon.

Step 4

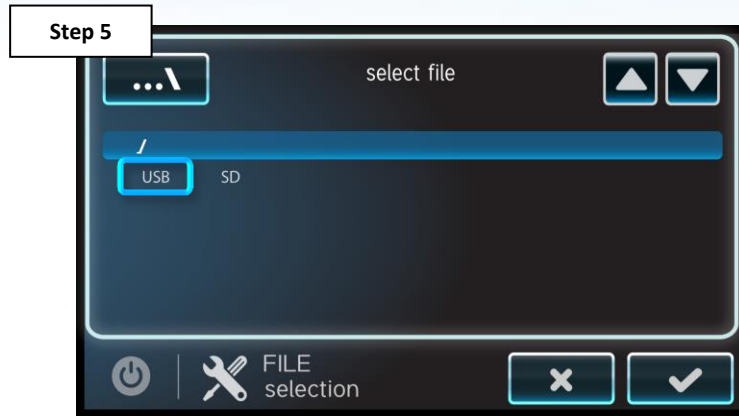


component	HUA	current version
MSP	0-66-0-2a-78	B.1.0.16
MP	1-65-0-2a-ec	X 1.0.16
recovery	--	--

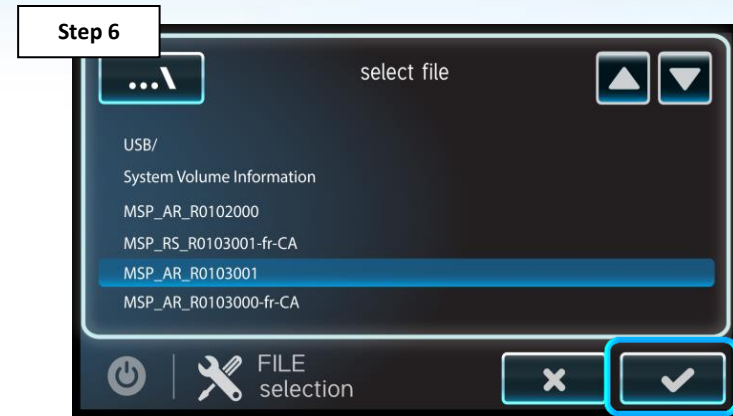
Tap device to upgrade then check mark.

How To: Upgrade Firmware (cont.)

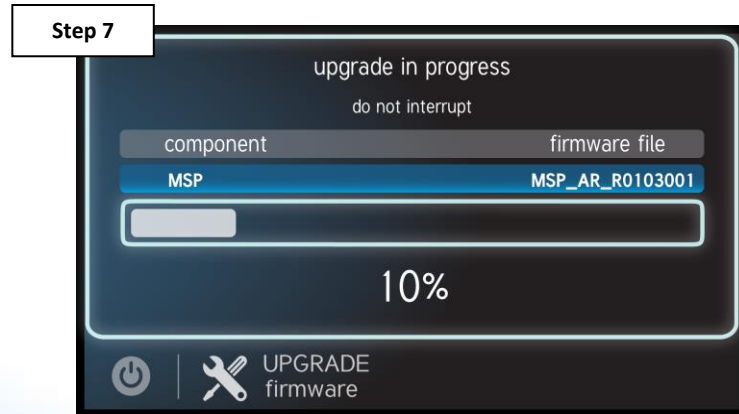
NOTE: Make sure all devices are up to the latest firmware revision.



Select storage method (USB).



Select latest file (downloaded from web).



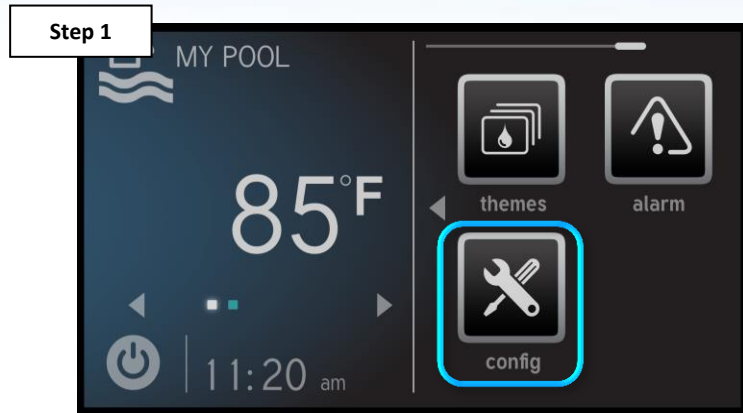
Press check mark to start the upgrade process
(DO NOT power off while in process).



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

How To: Clear MSP Calibration

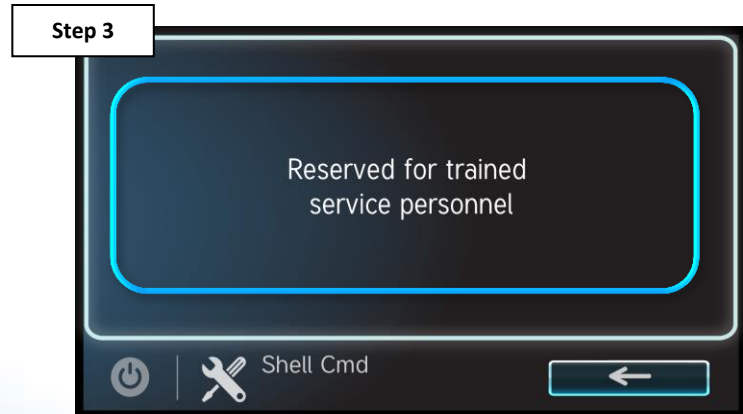
Use the steps provided to clear the MSP calibration file. This process is recommended if icon or text box selection is difficult.



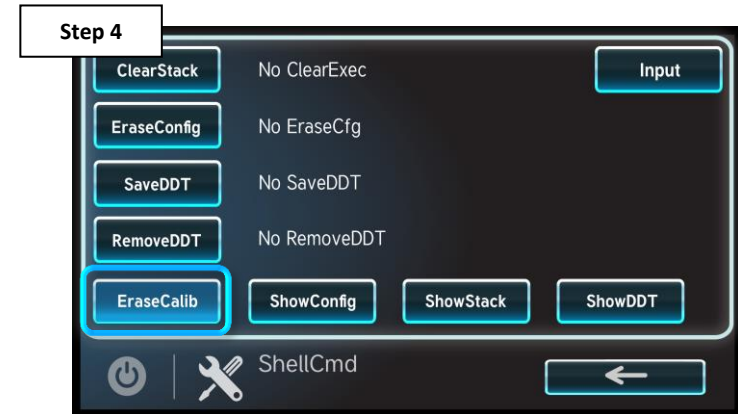
On the right of the dashboard locate and tap the "config" icon.



Once in config, press the right arrow once and select the "shell command" option.



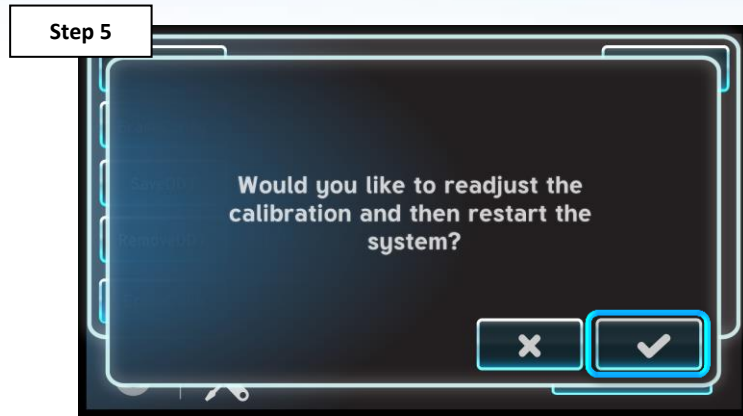
Tap anywhere on the screen to advance past the warning screen.



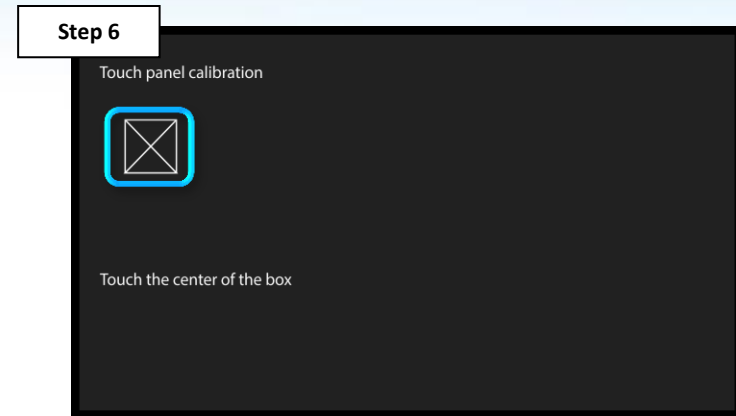
Locate and tap on "EraseCalib". This will prompt a question screen.

How To: Clear MSP Calibration (cont.)

NOTE: It is important to select the center of each box that appears (step 6), as this will have a significant impact on how well the screen is calibrated.



Confirmation is required to continue with calibration, press the check mark to continue.



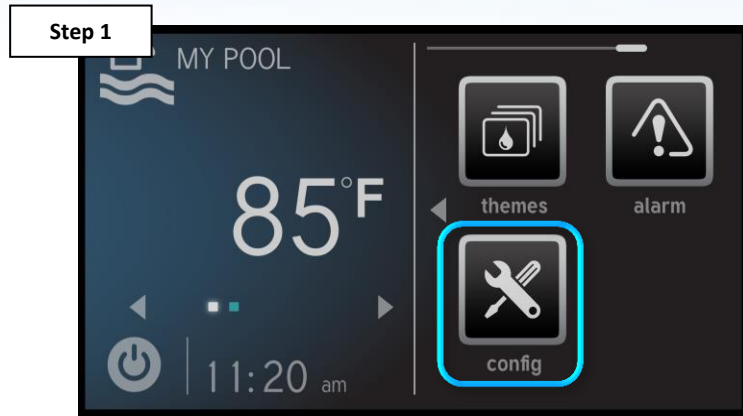
A series of five boxes will appear, touch the center of each box to calibrate the screen.



Once calibration is complete, the system will automatically power cycle.

How To: Clear DDT

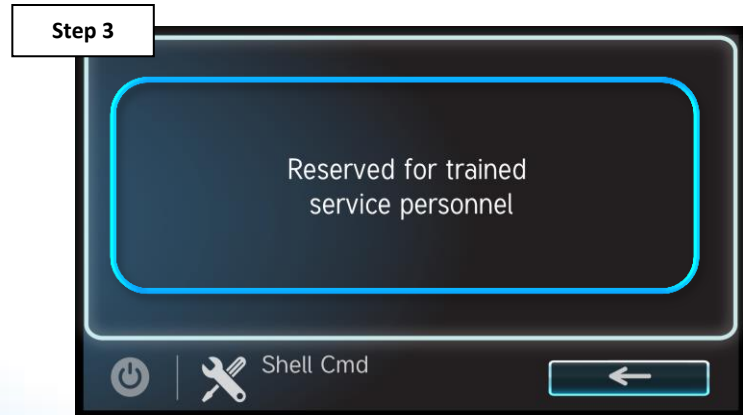
The DDT (device discovery table) holds a list of all the smart devices the MSP talks to. Sometimes this table needs to be removed to refresh communications.



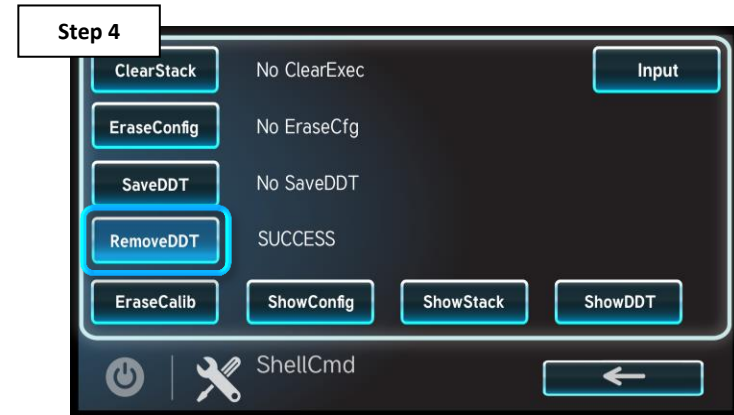
On the right of the dashboard locate and tap the "config" icon.



Once in config, press the right arrow once and tap on "shell command".



Tap anywhere on the screen to advance past the warning screen.

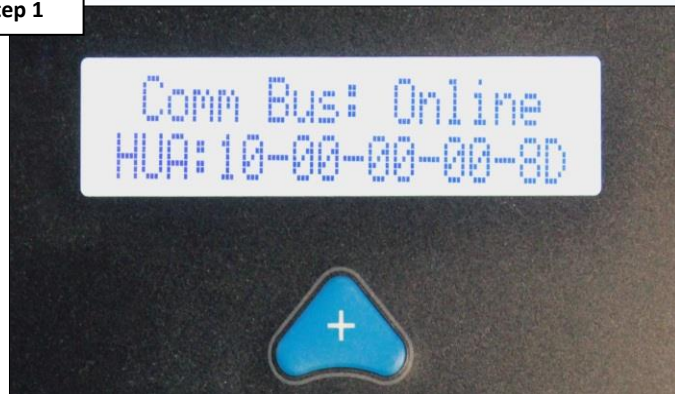


Locate and tap on "RemoveDDT" **AND power cycle the OmniLogic.**

How To: Clear DDT – Post Actions

After removing a DDT it may be necessary to reassign HUAs when multiple smart components of the same type are being used (for example multiple EcoStar pumps).

Step 1



Power up smart components and record HUAs for each (with descriptions).

Step 2



On the right of the dashboard locate and tap the “config” icon.

Step 3



Select “system info” icon and record the msp id (top), then press back arrow.

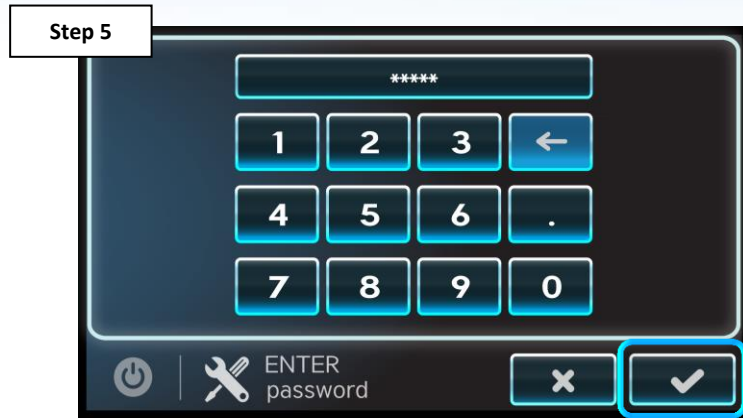
Step 4



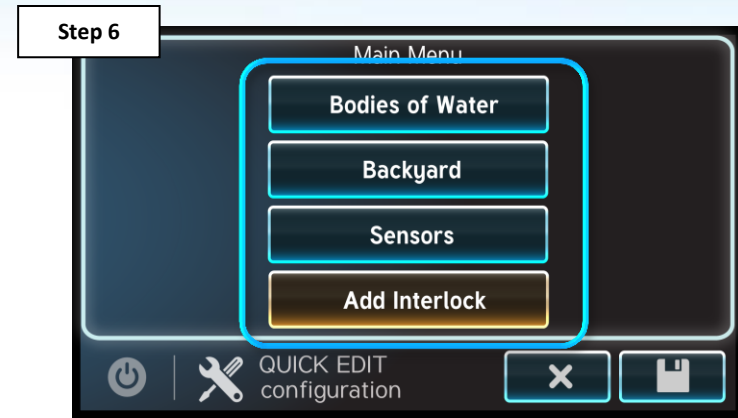
Select the “config wizard” option (the first option in top left).

How To: Clear DDT – Post Actions (cont.)

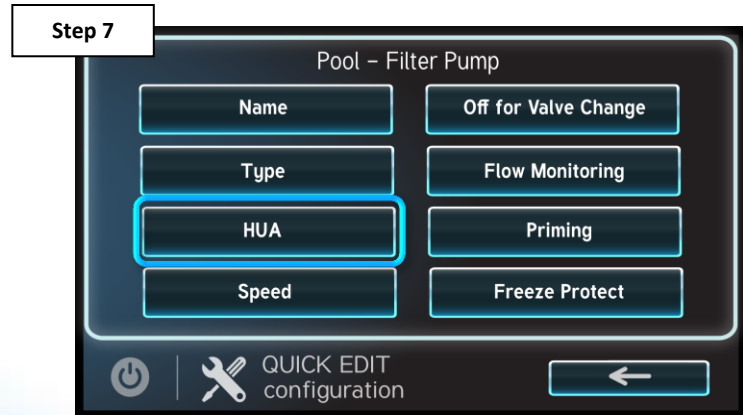
The MSP ID is not only used to register the OmniLogic through the web but it is also required to modify an existing configuration.



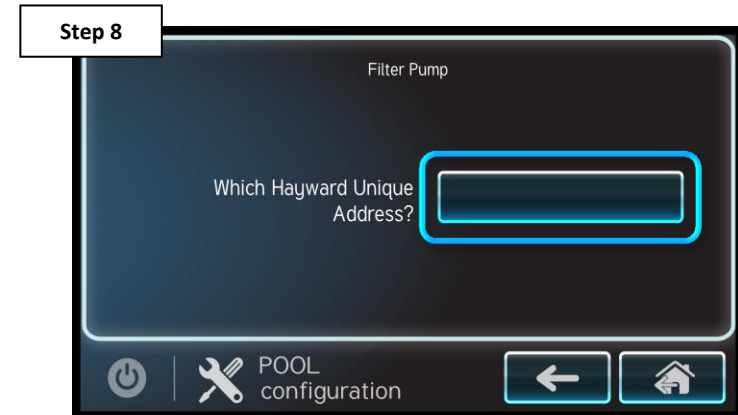
Enter recorded "msp id" number and press the check mark.



Tap on "config wizard", select edit>quick (if applicable). Next, select site of device.



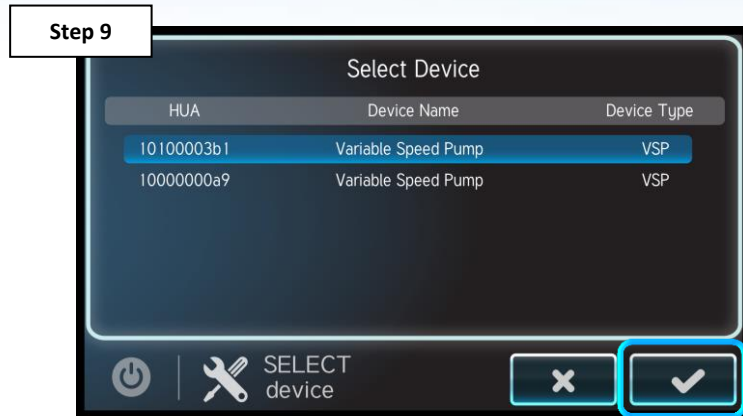
Tap on device type, then tap HUA.



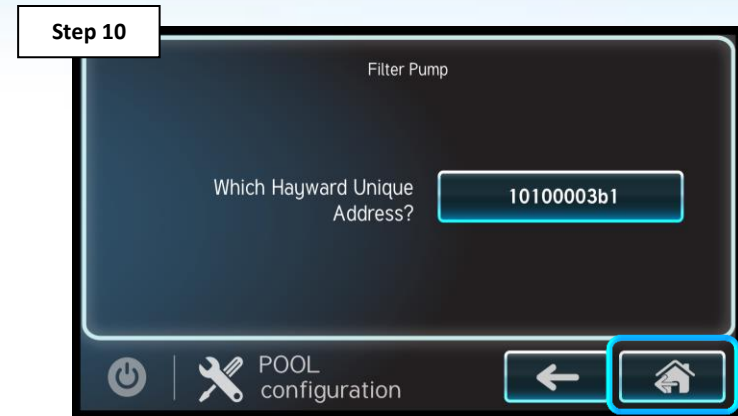
Select the HUA status window to add.

How To: Clear DDT – Post Actions (cont.)

Repeat steps 6 – 10 for all smart devices that are not already captured in the system configuration. Once complete, save the configuration (Step 11).



Select the appropriate HUA and press the check mark.



Once correct, press home icon (main menu) or back arrow (back one screen).



Repeat steps 6-10 for all smart devices and then press the save icon.

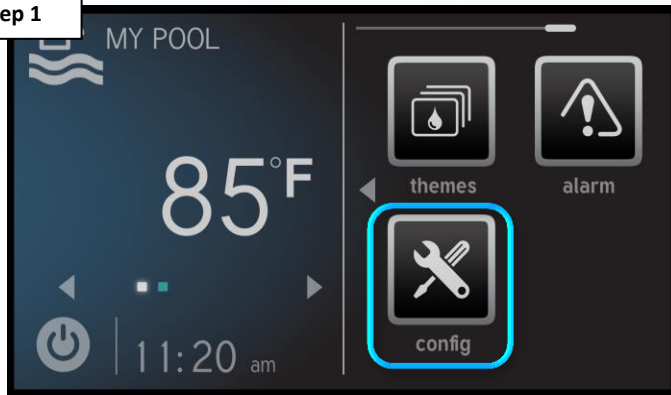


After saving the changes made under edit, the system will reboot.

How To: Connect to Wi-Fi

The following identifies how to connect to a Wi-Fi signal. Only follow these steps if using an HLWLAN (Wi-Fi) antenna.

Step 1



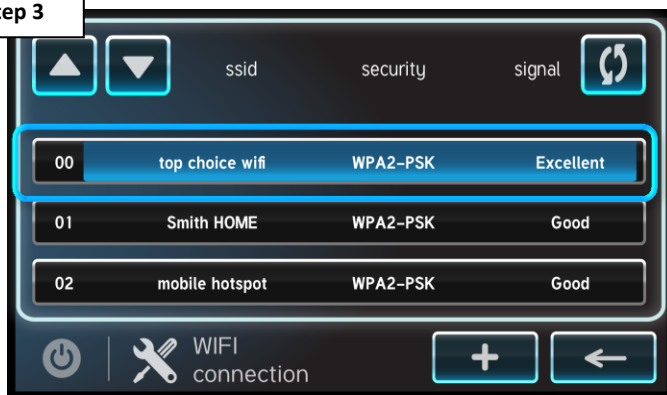
On the right of the dashboard locate and tap the “config” icon.

Step 2



Press the “wifi bridge” option on the right side of the screen.

Step 3



Select the desired network name or SSID to attempt connection.

Step 4



Enter the network password, followed by the check mark to complete.

NOTE: The network password IS CASE SENSITIVE. To confirm connection, go to Config>Network and verify IP addresses appear under the dynamic tab.

How To: Verify Web Server Information

The following identifies how to access Web Server information. If the IP addresses and Port #s are incorrect, registration and/or remote operation will not be possible.

Step 1



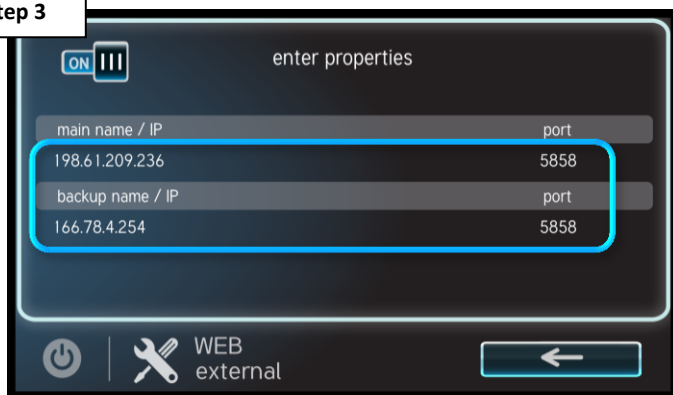
On the right of the dashboard locate and tap the "config" icon.

Step 2



Press the "web server" option on the right side of the screen.

Step 3



Verify that the main IP address is: **198.61.209.236** and backup: **166.78.4.254**.

Step 4



To change, select the IP address, enter new value, and select check to save.

How To: Enter/Exit Service Mode Timed

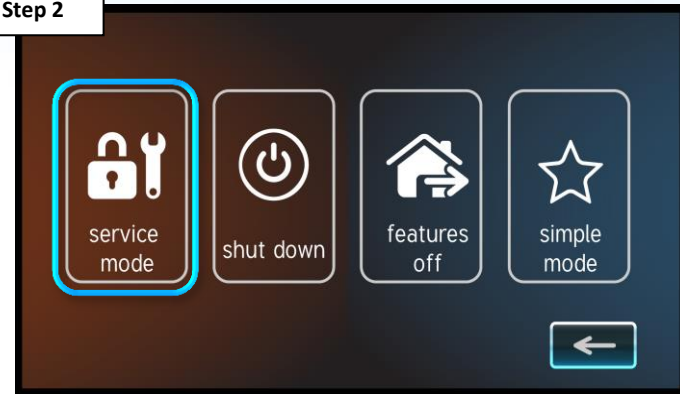
The following steps outline how to enter & exit service mode.

Step 1



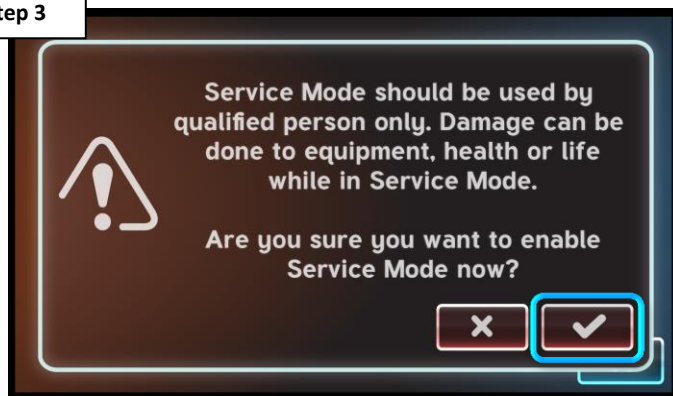
Press the power button (it does not matter what screen is showing at the time).

Step 2



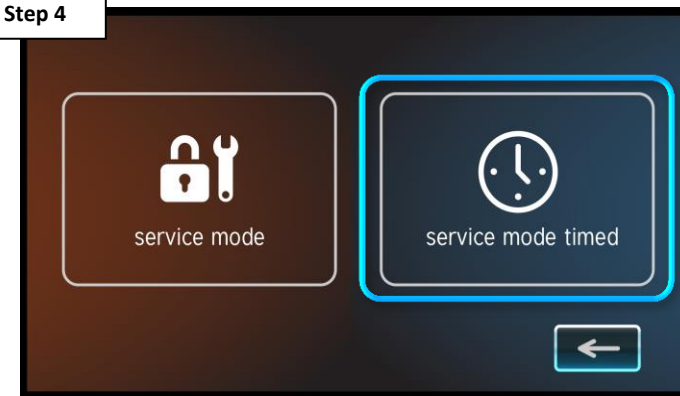
Select the 'service mode' option which appears on the far left.

Step 3



A warning will appear, prior to entering service mode. If qualified, tap the check mark.

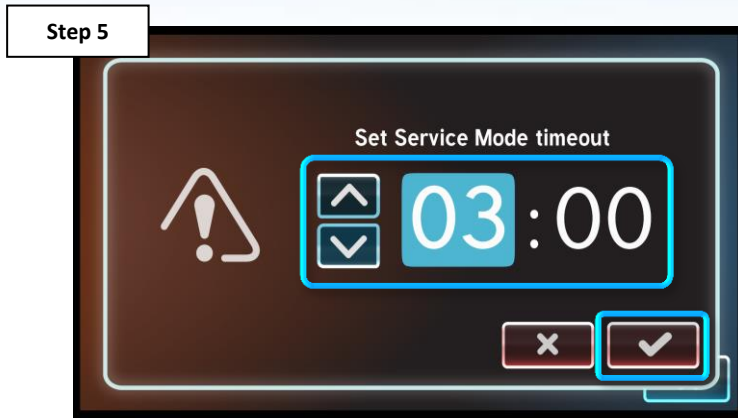
Step 4



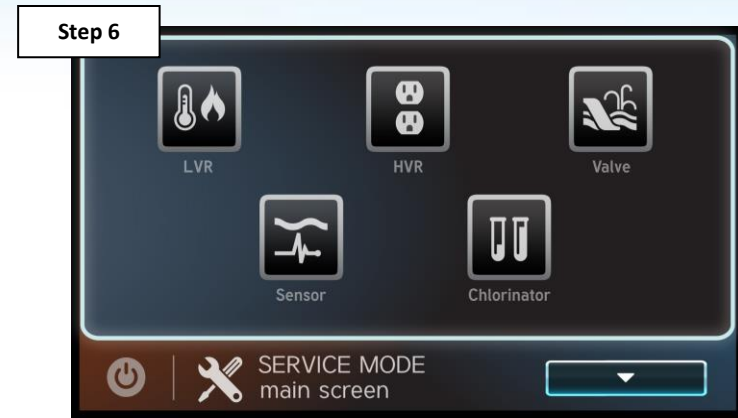
Select 'service mode timed' (this sets an expiration on the service mode duration).

How To: Enter/Exit Service Mode Timed (cont.)

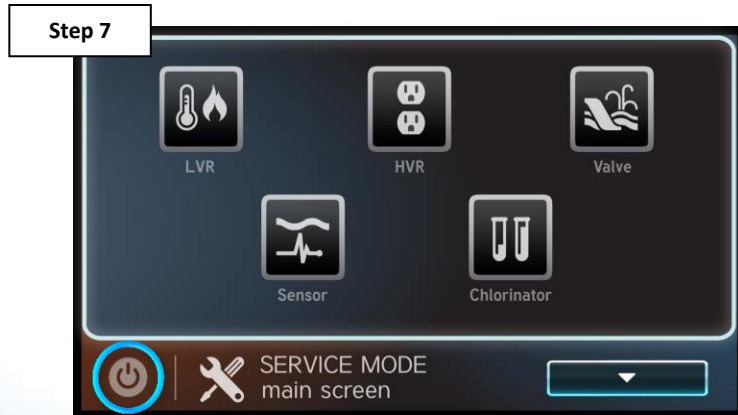
Service Mode Timed allows professionals to enter service mode for a predetermined period of time; the system will return to automatic control once the timer expires.



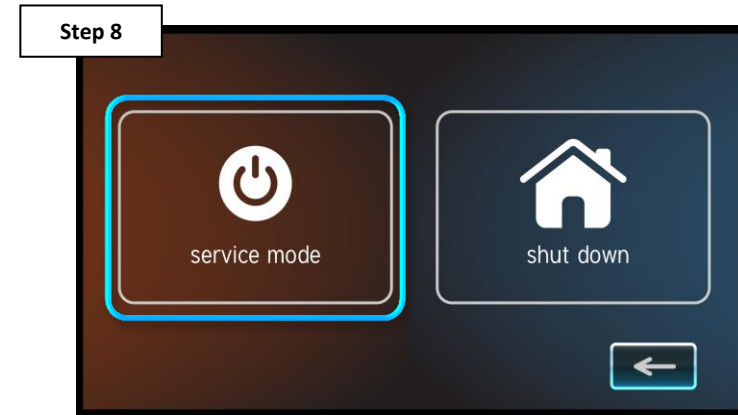
Set duration using up/down arrows. Then select the check mark.



The system is now in service mode for the amount of time specified (in step 5).



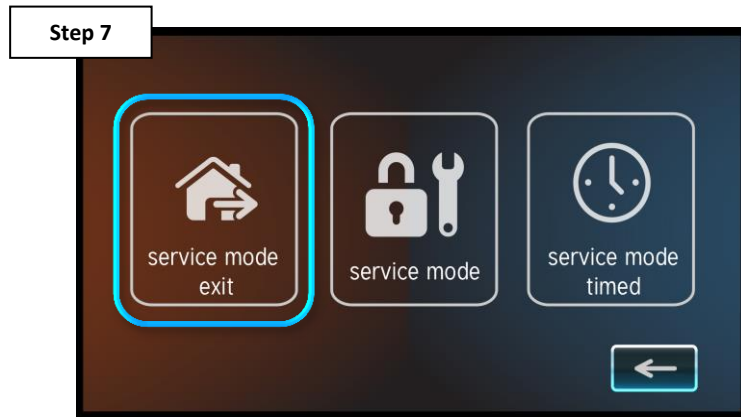
To exit service mode prematurely, select the power button again.



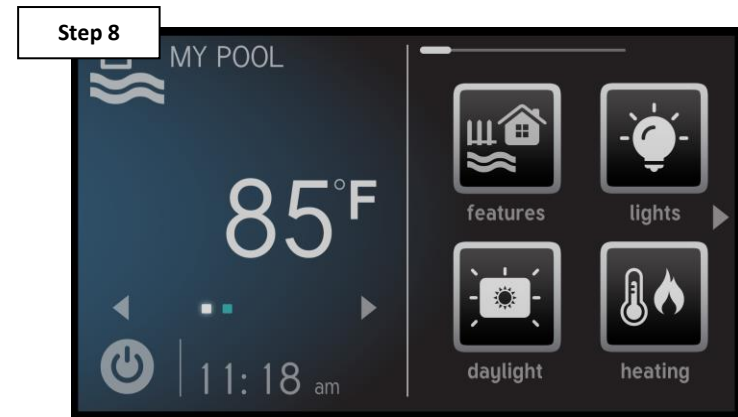
Select the 'service mode' option on the far left.

How To: Enter/Exit Service Mode Timed (cont.)

NOTE: With the exception of step 5, the process for entering/exiting standard 'service mode' (without a countdown), is the same. It is important to note that if the timed service mode is not utilized, the system will stay in service indefinitely until reversed.



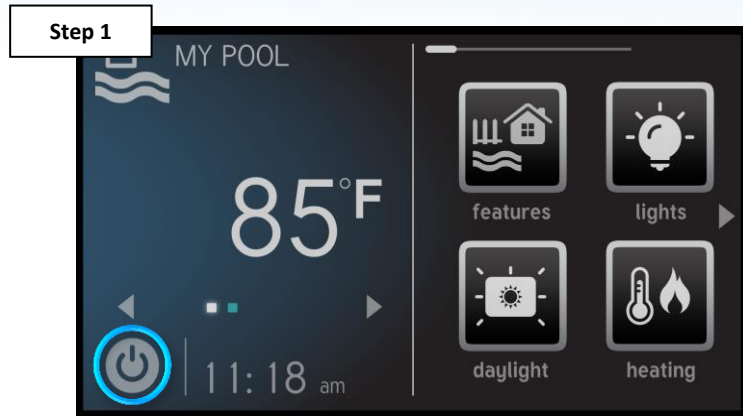
On the far left, select the 'service mode exit' option to return to normal operation.



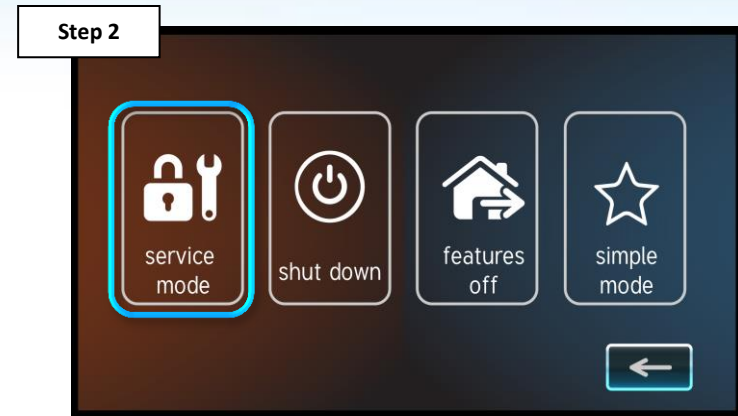
Once complete, the system will return to the main dashboard view.

How To: Enter Service & Test Relays

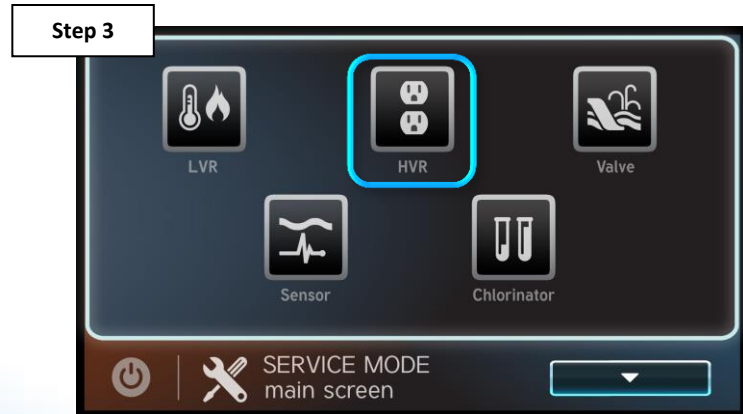
The following steps outline how to enter service mode and test individual relays.



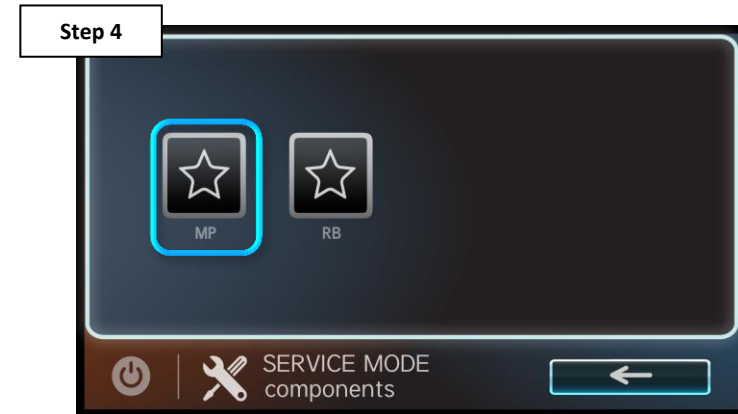
Press the power button (it does not matter what screen is showing at the time).



Select "service mode" and select "timed". Confirm by pressing the check mark.



Select the type of relay or sensor you wish to test.

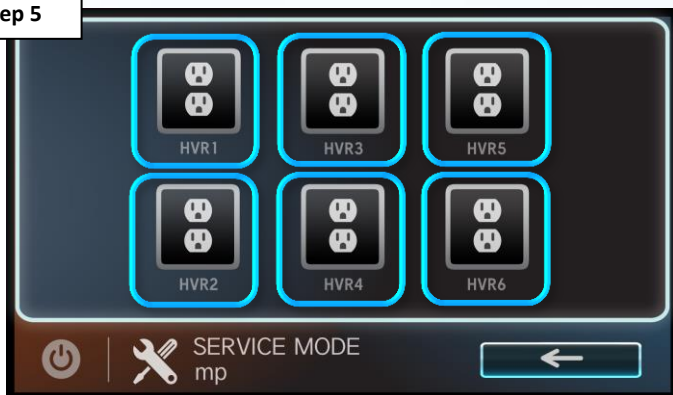


Select where the relays or sensors are located, in this case they are installed on the MP.

How To: Enter Service & Test Relays (cont.)

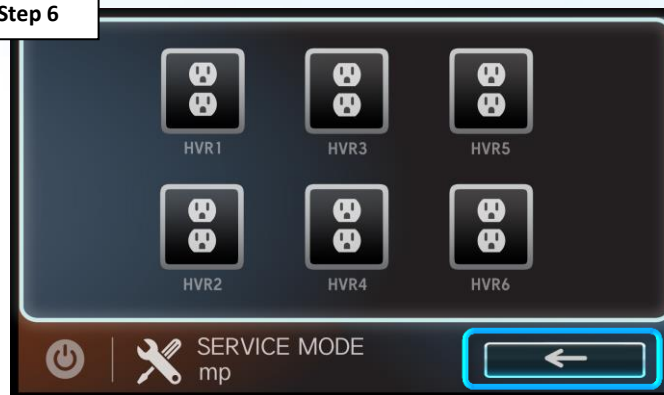
The following steps outline how to enter service mode and test individual relays.

Step 5



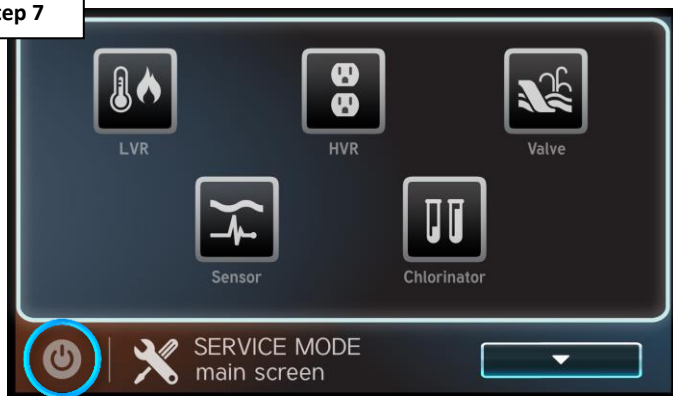
Toggle relays on and off by selecting each to verify they are all working.

Step 6



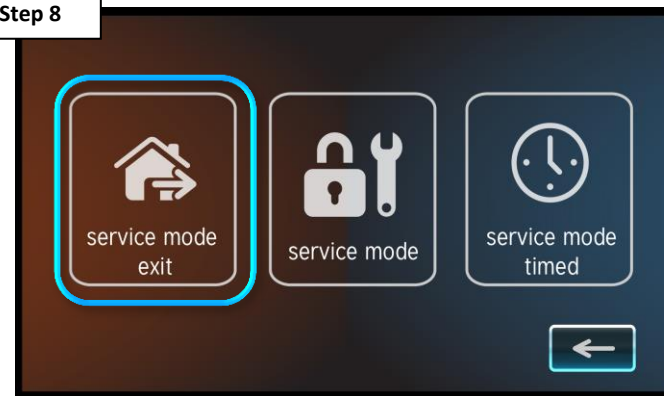
Once complete, press the back arrow to return to the main service mode screen.

Step 7



Once testing is complete press the power button again.

Step 8



Finally, press the "service mode exit" to return to the dashboard.

How To: Create a Theme

The following steps if you need to create a theme.

Step 1



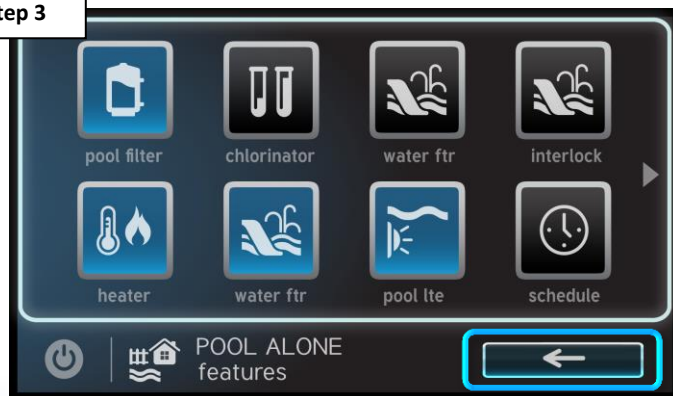
Select the body of water desired theme equipment resides.

Step 2



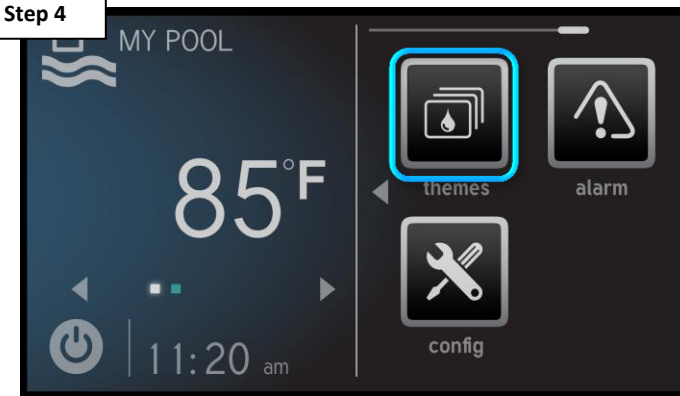
Activate all desired equipment to be included in the theme.

Step 3



Verify all equipment is running, then select the "back arrow" to return.

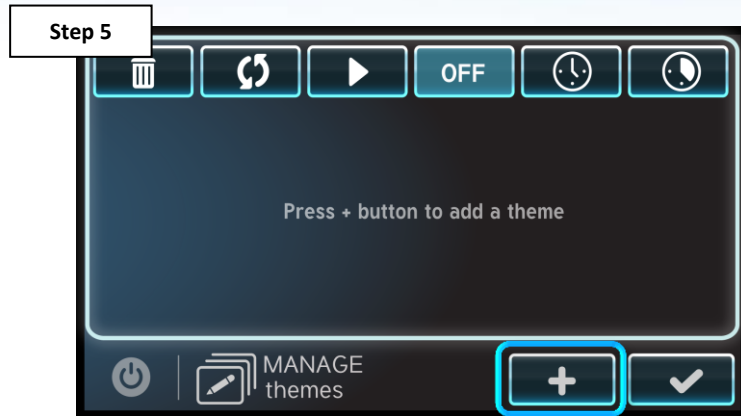
Step 4



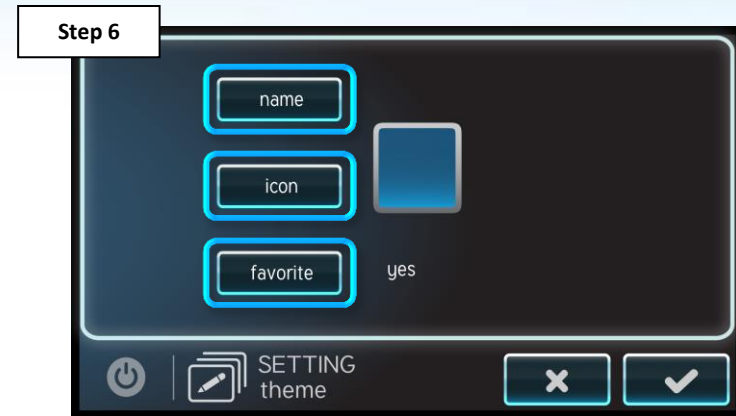
Navigate and select the "themes" icon to add a new theme.

How To: Create a Theme (cont.)

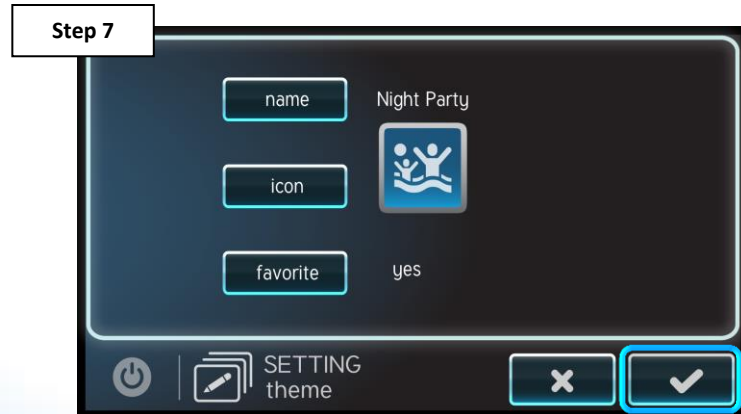
The OmniLogic supports up to 25 themes.



Select the “+” button to add a new theme use the “check mark” confirming equipment is on.



Change the name, icon, and verify it is added as a favorite.



Once complete, review that the name and icon are correct, then press the “check mark”.

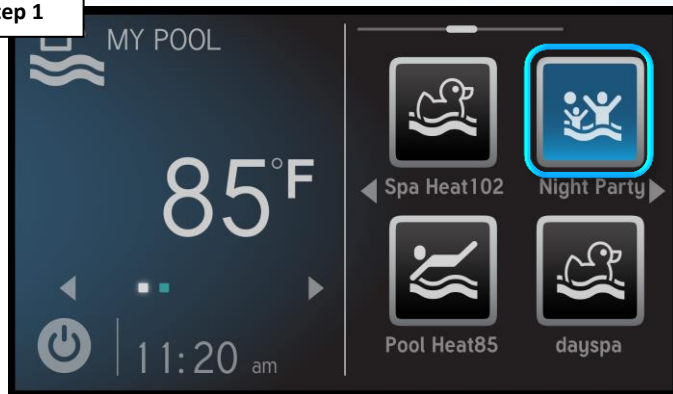


Press the “check mark” when complete, repeat steps 1-8 to add additional themes.

How To: Edit a Theme

The following steps if you need to edit a theme.

Step 1



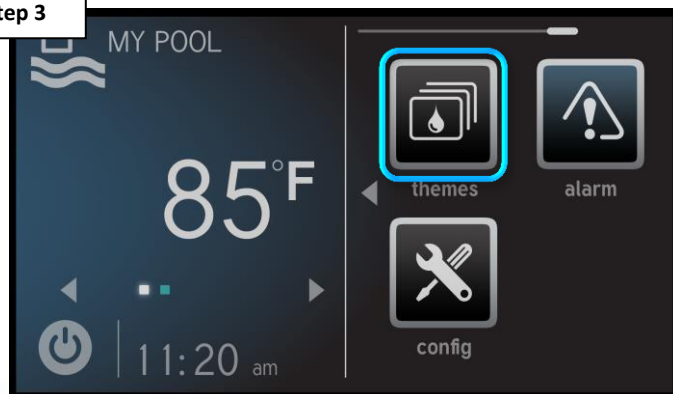
Locate and activate the theme in need of editing.

Step 2



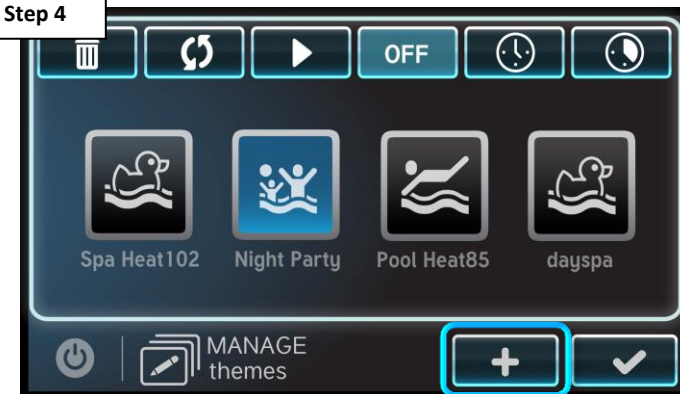
Select additional equipment desired. Once complete, select the back arrow.

Step 3



Navigate and select the 'themes' icon to manage existing themes.

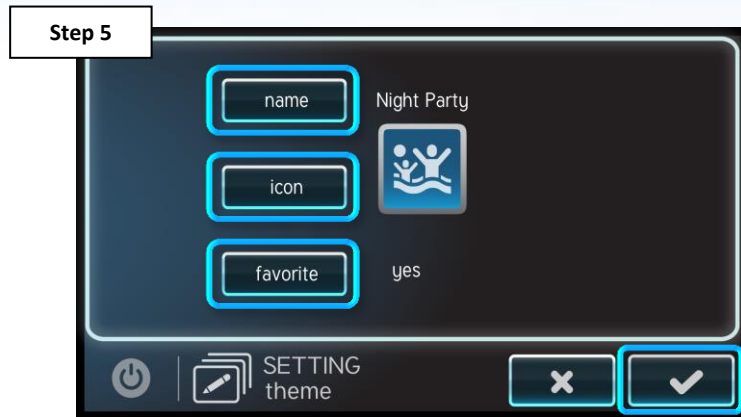
Step 4



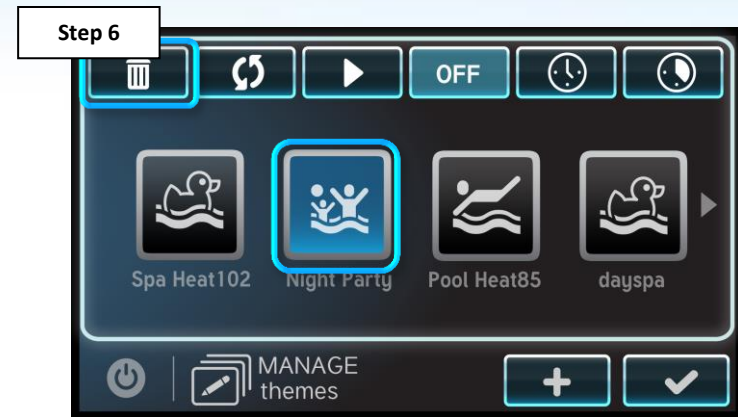
Select the "+" button to add a new theme use the "check mark" confirming equipment is on.

How To: Edit a Theme (cont.)

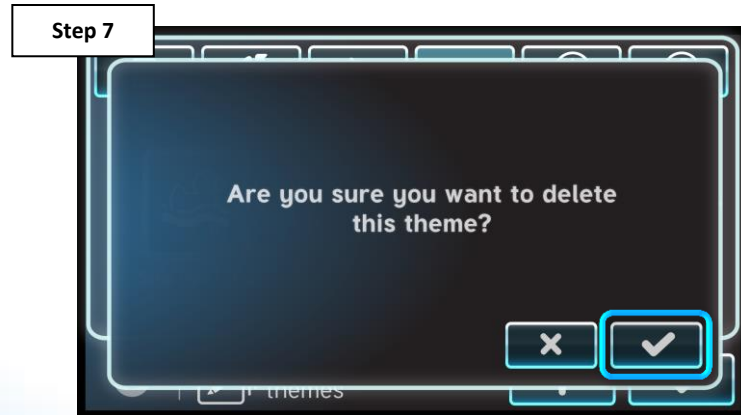
NOTE: When editing a theme, the new theme can have the same icon and name as the old theme.



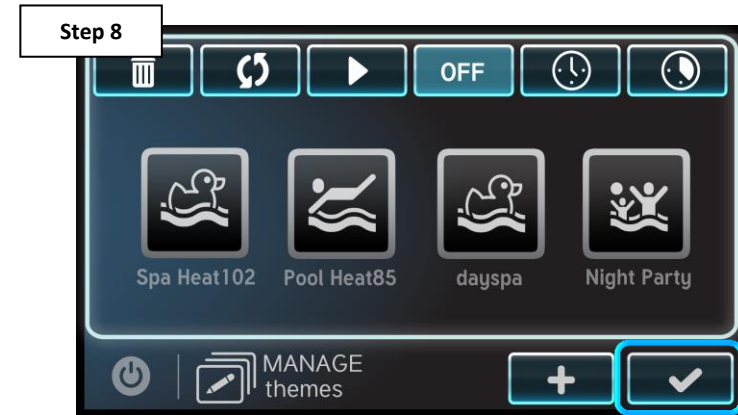
Change the name, icon, and verify it is added as a favorite. Select 'check mark' to confirm.



Select the old theme, then select the 'trash can' icon (top left) to delete.



Select the "check mark" to confirm that the theme should be deleted.



Repeat steps 1-7 to edit additional themes, then press the "check mark" to finalize.