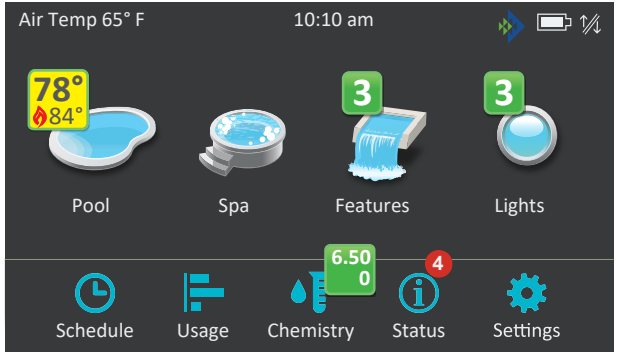
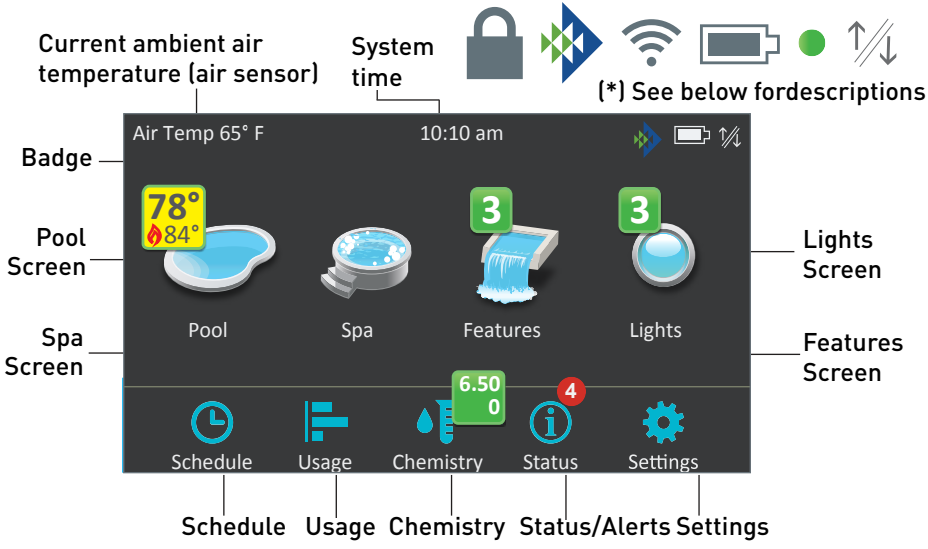
INTELLICENTER® CONTROL SYSTEM
QUICK REFERENCE GUIDE

Home Screen 1
Pool/Spa Systems 2
Passcode Protect Features 2
Home Screen Icons 2
Pool 3
Spa 4
Features 5
Lights (GROUPS) 6
Lights (GloBrite White Light & Dimmer) 8
AUX Circuits (Feature Circuits) 9
Groups (Circuit/Light) -Settings 10
Pumps 10
Chemistry (IntelliChlor / IntelliChem) 11
Heaters 12
Schedules 13
Service Mode 15
System (Firmware Update) 15
Security (Passcode) 16
Pentair User Portal (ww.intellicenter.com) 16
Internet Connection Test 16
Delays (Advanced System Configuration) 17
IntelliCenter Control System Menu 17
Setup Wizard (Advanced System Configuration) 18
IntelliCenter Control System Menu 19
Internet Setup fpr IntelliCenter Control System 20



P/N 522988 REV. D 11/1/23

Home Screen



Schedule Icon: Setup daily pool/spa operations.
Usage Icon: Keep track of pool/spa equipment usage data.
Chemistry Icon: Access sanitizer controls (IntelliChem® Controller, IntelliChlor® SCG).
Status Icon: View the current pool/spa status/alerts.
Settings Icon: Setup and configure the system (IntelliChem® Controller installed equipment).

(*) Connection indicators on the Indoor and Wireless Control Panel. **Padlock:** Home screen is passcode protected. Requires password to access the Home screen. **Pentair logo:** Connection to intellicenter.com server. **Battery Icon:** Wireless Control Panel battery indicator. **Green/Amber/Red Dot:** Display on the Expansion Panel(s). **Green:** Indicates connection with the main Outdoor Control Panel. **Amber:** Synchronizing with the outdoor control panel. **Red:** No connection to the Outdoor Control Panel. **Ethernet Icon:** Ethernet connection with the Outdoor Control Panel.

Pool
Tap the Pool icon to access the Pool screen: Turn On/Off pool filter pump and heater. Set pool water temperature. Also, screen two displays up to six AUX circuits (On/Off)

Spa
Tap Spa icon to access the Spa screen: Turn On/Off Spa pump and heater. Set Spa water temperature. Also, displays up to six AUX circuits (On/Off)

Features
Tap the Features icon to access the Features screen: Turn On/Off an individual circuit or a group of circuits. A Green number badge displays the number of active feature circuits.

Lights
Turn individual/groups of lights ON/OFF.
Color Lights:
- All ON/OFF
- Color Set/Edit
- Color Sync
- Color Swim/Edit.

IntelliBrite® Lights:
- Preset shows
- Color presets
- Capture color

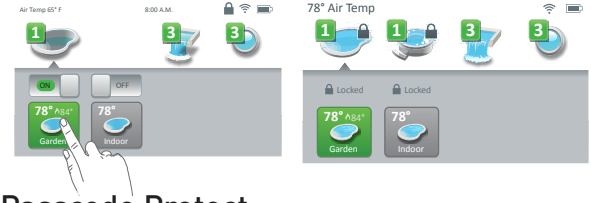
MagicStream® Laminars

Display (Day/Night Theme)
For optimal screen viewing, the color touch screen can be set for daylight, or night time viewing.

To change the Day/Night Theme: From the Home screen, tap Settings > General > Day/Night Themes. Select Day Theme, Night Theme or Transition Type (Manual or Auto).

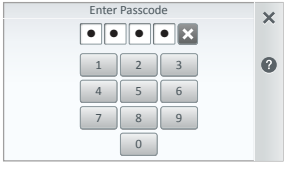
Tap Up/Down Arrows: To view multiple screens, tap the UP/Down arrows located on the right side of the screen to move vertically to the next screen or return to the previous screen.

Pool/Spa Systems

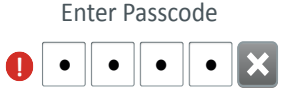


Pool/Spa Systems: The default system configuration on the Home screen displays a Pool and Spa (shared equipment - model i5PS, i8PS, or i10PS). A single body of water (model i5P, i8P, or i10P) uses one set of equipment for a single body of water (pool or spa). Model i10D can be configured for two separate bodies of water (Pool, Pool, or Spa, Spa). Using the lower drawers On/Off slide button, allows manual control of each separate equipment for the pool or spa filter pump and heater. Up to two bodies maximum of water can be displayed. The current settings are displayed above the pool and spa the icon. ***Note: To configure the pool and spa systems, see Settings > Advanced System Configuration > Installation Setup > Body configuration.***

Passcode Protect



Passcode Protect: When a screen or individual screen item is Passcode protected a lock icon is displayed. To access the Passcode protected screen or item, tap on the screen icon to display the Passcode four digit screen. Enter the four digit Passcode. After the Passcode is entered, the screen can be accessed.



Tap number key pad to enter the four digit Passcode to access the Passcode protected screen.

Home Screen and Status Icons

Green: System status is good (OK)

Blue: Status Info.

Orange: Warning status condition.

Red: Alert status condition:

Features and Light Green Number Badge: Indicates the number of Features or lights currently activated.

Status Icon Number Badge: Number of Alerts and Warnings present in the Status Screen. See Alerts & Notifications Screen. Note: Show/hide Status Badge icons, see Settings > Alerts and Notifications.



Home Screen Pool and Spa Badges: Green: Schedule Status. A Green (Schedule) badge displayed on the on the Home screen Pool/Spa icon indicates that a programmed schedule is in progress. Note: Shared equipment one badge for each body.



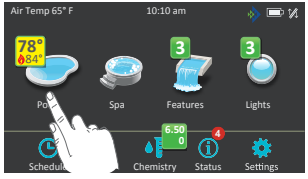
A Yellow Badge (pump turned on) indicates a delay is in progress. **Delays:** (Heat Cool-Down (pump), Valve Rotation Delay, Pump Priming). *To show or hide the Yellow and Blue badge, from the Home screen tap Settings > General > Badge Colors.*

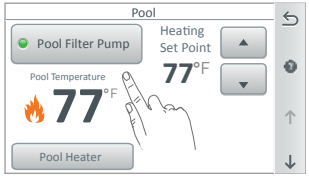


A Blue Badge indicates that the Pool/Spa pump has been turned on. Example: Using Override Delays - Go to Delays and tap Override Delays. Override Delays will cancel all active delays. If a Schedule is running, a Green Badge will display. If the pool/spa pump is manually enabled (ON/OFF), a Blue badge will display.

Badge color changing sequence: Yellow changes to Green: A Schedule has started running.
Yellow changes to Blue: Pool/Spa pump has been manually turned ON. **Blue:** Will stay on until pool/spa pump is manually turned off. Note: Blue Badge will stay on for the Egg Timer duration (12 Hrs. default). If the Egg Timer is set to **Don't Stop** the Schedule will run continuously until manual switched off.

Pool



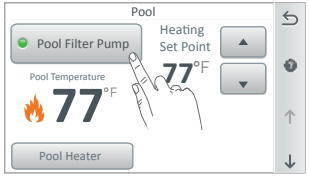


The Pool screen displays the current pool water temperature and heat source set point temperature. Tap the Heater button to select the heat source. Select OFF for no heater installed.

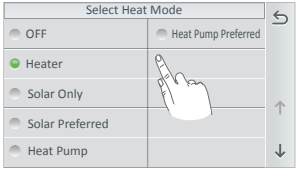


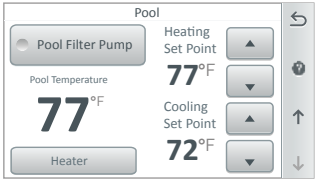


To display the Pool screen, tap Pool on the Home screen. Pool Badge Icons: A **Flame icon** (heat source active) is displayed with the current heat set point temperature. A **Snow Flake icon** indicates the UltraTemp Heat Pump or Solar Heat (if enabled) is in cooling mode. A **Sun icon** indicates solar heat is active. Select the heat source from the Select Heat Source screen.

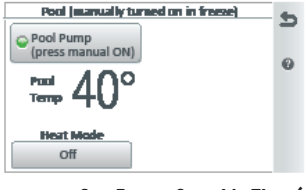


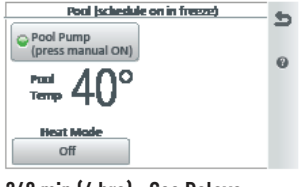
Pool Filter Pump On/Off: Tap this button to switch the pool filter pump on or off and to activate the heater (if a heater source is selected).
Note: The heater will activate when the pool pump is on and the temperature Set Point is above the current temperature reading.
Pool Temperature: Displays the current pool water temperature.
Heating Set Point: Use the Up/Down button to increase or decrease the pool water set point temperature.
Pool Heat Mode Button: Tap this button access the Select Heat Mode screen. Heat Mode options are Off, Gas, Solar, Solar Preferred, Heat Pump (Preferred), UltraTemp Preferred, Hybrid. Select OFF for no heater installed. When the heater is turned on the heater will activate when the pool pump is on and the temperature Set Point is above the current temperature reading. **See Settings > Advanced System Configuration > Installation Setup > Heaters.**





Nocturnal Cooling Set Point Temperature control for Heat Pump or Solar: If using a heat pump, use the Cooling Set Point temperature or solar heat control buttons displayed on the Pool and/or Spa screen to adjust the nighttime temperature of the pool/spa water. **Solar Heater:** Nocturnal (nighttime) feature provides automatic cooling during night time hours for pools that overheat in hot climates to circulate the pool water to the collector panels when the collector temperature and the pool temperature is hotter than the high limit setting. This process cools the pool water over time. Note: This feature is also used for UltraTemp/Hybrid and a Heat Pump..





Spa Freeze Override Time (0-240 min (4 hrs) - See Delays.

Schedules (Heat Source and Set Temperature): See Schedules to schedule the pool/spa pump to turn on at a specific time to pre-heat the pool or spa water. From the Schedules Weekly or One Time Only option, select "Heat Source" and select a heat source, then set the Set Temperature settings.

Spa Freeze Override Time (0-240 min (4 hrs): Override the spa pump circuit that has freeze protection active to run the pump and heat the spa during freezing temperatures. This also applies if a schedule is running. Freeze Cycle Time (min): Set the freeze protection time from 5 to 60 minutes to run the pump during freezing temperatures. Default time is 5 minutes. **See Settings > Advanced System Configuration > Delays.**

Spa

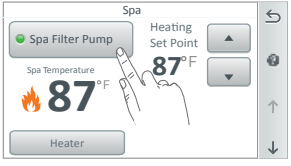


Tap the Home screen Spa icon to display the Spa Pump control settings screen. From this screen tap the Spa Pump button to activate the Spa heat source. A Blue badge displayed on the Spa icon indicates the Pool/Spa pump button has been manually turned on. The Blue badge displays until the pump button is turned off. The badge displays the current pool water temperature. If there is a heat source active, a flame icon is displayed with the pool water set point temperatur source.

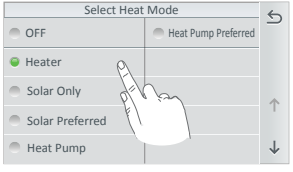




Spa Badge Icons: A Flame icon indicates that the heat source has been called for. A Snow Flake icon indicates the UltraTemp Heat Pump or Solar Heat (if enabled) is in cooling mode. A Sun icon indicates solar heat is active. Select the heat source from the Select Heat Source screen.



Spa Pump On/Off: Tap this button to switch the spa filter pump on or off and to activate the heater; if a heater source is selected. See Spa Heater button.
Note: The heater will activate when the pool pump is on and the temperature Set Point is above or equal to the current temperature reading.
Spa Temperature: Displays the current spa water temperature in Fahrenheit.
Heating Set Point: Use the Up/Down button to increase or decrease the spa water set point temperature.



Spa Heat Mode Button: Tap this button access the Select Heat Mode screen. Heat Mode options are Off, Gas, Solar, Solar Preferred, Heat Pump (Preferred), UltraTemp Preferred, Hybrid Preferred. Select OFF for no heater installed. When the heater is turned on the heater will activate when the pool pump is on and the temperature Set Point is above the current temperature reading. **Note: Heaters are configured from Settings > Advanced System Configuration > Installation Setup > Heaters.**

Spa Manual Heat ON/OFF: If Spa Manual Heat is ON and the Spa pump button (or from the Spa-Side remote, or Wireless Controller) is turned on, the pump will turn on and the heater will begin to heat the spa (even if the heater is set to OFF). This feature allows you to program the pool pump to filter daily with the heater set to off, and then be ready to heat whenever the Spa button is pressed. Heat Enabled is switched on by default. *See Settings > Advanced System Configuration > Installation Setup > Spa Body Configuration >Spa Settings.*

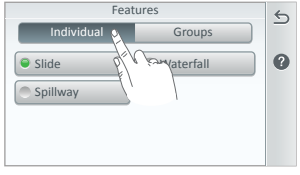
Also see, Manual OP Priority: This feature allow for a circuit to be manually switched OFF and switched ON within a scheduled program, the circuit will continue to run for a maximum of 12 hours or whatever that circuit Egg Timer is set to, after which the scheduled program will resume. This feature will turn off any scheduled program to allow manual pump override. Default is OFF. *See Settings > General > Manual Operation Priority.*

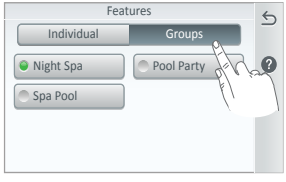
Features (Individual/Groups Circuits)

Up to 32 individual or Groups of Feature Circuits can be assigned as a Generic circuit or a Spillway circuit. Tap Features on the Home screen to display the Feature circuits screen. From the Features screen you can manually turn on or off an individual Feature circuit or a group of Features circuits. To assign Feature Circuits, see Settings > Advanced System Configuration > Installation Setup > Circuits > Feature Circuits .



Features Individual/Groups: From the Features screen you can manually turn on or off individual or Groups of lights or individual circuits for pool devices. Lights and auxiliary circuits (equipment) displayed are configured from Settings > Advanced System Configuration > Installation Setup > Circuits > Feature Circuits. Tap Return Arrow to return to the Home screen.
Tap Individual or Groups to display the available feature or group of circuits to switch on or off.
Example: Set different pump speed using IntelliFlo® pump: To manually control different pump speeds, assign each feature circuit a different pump speed.





Note: Functions for circuits GROUPS are assigned in Settings > Advanced System Configuration > Installation Setup > Circuits.

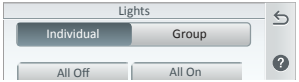
Feature Circuit (Generic or Spillway): Tap on Circuit Type (function) and select either Generic of Spillway.

Note: Assign the Feature Circuit Name, Visible in Features, Egg Timer (12 Hr. Default), Don't Stop (Continuous) and Freeze Protection.

Home screen Features Green Badge: Displays the number of active feature circuits. To display circuits in the Features screen, see **Settings > Advanced System Configuration > Installation Setup > Circuits > Feature Circuits > Feature Circuit Settings (Visible in Features (Y/N) option)**.

Lights

From the Lights screen you can manually turn on or off individual or groups of lights. Lights displayed in the Lights screen are configured from **(Settings > Advanced System Configuration > Installation Setup > Circuits).** To access the Lights screen, tap the Lights icon on the Home screen. Tap the Return Arrow to return to the Home screen. Note: A Green Number Badge displayed on the Home screen Lights icon, shows the number of lights on. Light circuits settings include Egg Timer & Freeze Protect options.



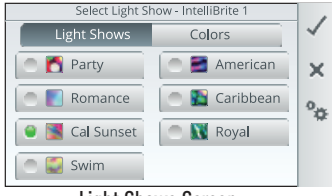
All On/All Off Button: Tap this button to turn all light circuits On or Off. **Light circuits include:** IntelliBrite®, ColorCascade®, GloBrite® Light (Color and White), Dimmer and MagicStream® lights):



Light ON/OFF Button: From the Lights screen, tap the **Individual button** to display the assigned light circuits. Tap the light name button to switch the light ON or OFF. Tap Return Arrow to return to the Home screen.

Four Color Dots Edit Button: Tap this button to display the Light Shows/Colors screen. Light Color options are: **White, Blue, Red, Green and Magenta. Note: Color choice is light dependant. Some lights only display white.**

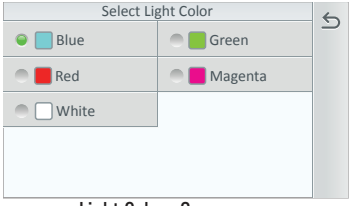
Select a Light Show: From the Light Shows screen, tap one of the displayed Light Shows buttons to switch the light show on or off. Light Show options are: **SAm, Romance, American, Royalty, Party, Caribbean, and Sunset.**



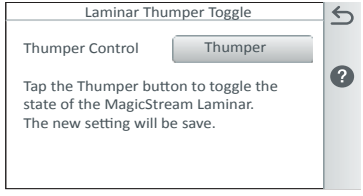
Light Shows Screen

Select a Light Color: From the Colors screen, tap one of the displayed Color buttons switch the light color on or off.

Tap **Check** to return to the Lights screen. Tap the light name button to switch the light on or off.
Tap the **Return** arrow on the Light screen to return to the Home screen.



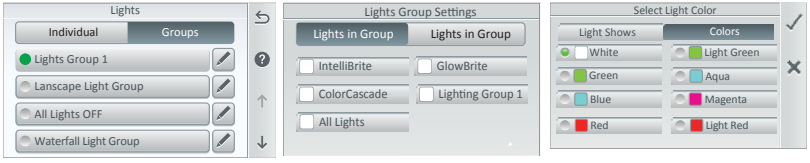
Light Colors Screen



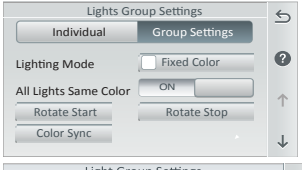
Gears Icon: Tap the Gears icon to access the **MagicStream laminar Thumper** feature. Tap the Thumper button to activate the built-in light solenoid to create a random wrinkle in the laminar's water stream and display a brilliant spot of light that moves along the stream's arc.

Lights (Groups)

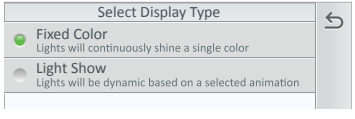
From the Lights > Groups screen you can manually turn on or off a selected groups of lights. Light Groups displayed in the Lights screen are configured from the **Settings > Advanced System Configuration > Installation Setup > Circuits > AUX Circuits screen**. To add a group of lights, tap the Four Dots icon to display the Groups screen.



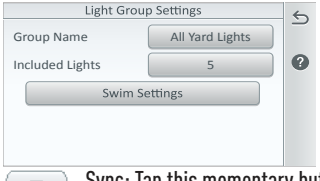
Light Groups: Tap the Edit Pencil icon to display the **Light Settings** screen. Tap **Light in Group** or **Group Settings** to change the light Fixed Color and Light Shows in a selected group of lights. **Lights In Group:** This screen displays the light colors in the light group. **Change a Fixed Color:** Tap on a light color button type to display the available fixed colors to choose from. Tap Check to view the changed fixed color.



Group Settings: Lighting Mode Fixed Color: Tap the **All Lights Same Color** ON/OFF button. **ON:** All lights in the group are set to the same color. **OFF:** Each individual fixed color light can display a different color.



Change a Fixed Colors to a Light Show: Tap the Groups Settings button, Tap the Lighting Mode button (Fixed Color) and select Light Show. Select one of the Light Shows. Tap the Check to return to the Light Settings screen.





The Light Groups Sync, Swim and Set SAm feature are configured from Settings > Groups.

Edit (Pencil): Display the Light Settings screen.

Lights in Groups: Displays the light circuit name and color. Note: All light will display the same color if **All Light Same Color** is enabled (ON) from the Group Settings screen. To display different fixed colors for each light, select **All Light Same Color (OFF).**

Sync: Tap this momentary button to synchronize (Green light on) all IntelliBrite lights in the group. The Light in the group will go to the beginning of the SAm rotation. After 21 seconds the lights will start rotating eaach time the button is tapped.

Color Set: Tap this momentary button to activate (Green light on) to set the default color for each light then stop the light on one of the selected 8 colors. **To change the light color or the light delay (from 0 to 60):** Tap Settings > Groups. Select the group of lights to change. Tap Color Settings. Set the delays between the lights from 0 to 60 sec.

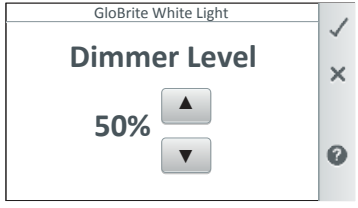
Swim (Color Swim): Tap this momentary button to activate (Green light on) an effect of moving colors across the pool. From the Swim Settings Delays screen set a delay between the lights so that the first light syncs and starts rotating, then the second light starts rotating after that, and the third light rotates after that with a delay between the lights.

Lights (GloBrite White Light ans Dimmer Circuit)

From the Lights screen you can manually turn on or off individual or Groups of GlowBrite or Dimmer lights. Lights displayed in the Lights screen are configured from the Circuits screen. To access the Lights screen, tap the Lights icon on the Home screen. Tap the light name to manually switch the light circuit on or off (Green light indicates the light is on). **Note: A Green number badge displayed on the Home screen Lights and Features icon, indicates the number of individual and/or groups of lights currently turned on. To hide the number badge on the Features icon, turn Visible in Features OFF.**

Configure a GloBrite White Light and Dimmer Light: Go to Settings > Advanced System Configuration > Installation Setup > Circuits. Select AUX Circuits, select the light AUX circuit, tap Circuit Function and select GlowBrite White or Dimmer.





GloBrite & Dimmer Edit Button:



Tap this edit button to display the Dimmer level screen. **Note: To assign a GloBrite White Light or Dimmer circuit, go to Settings > Advanced System Configuration > Installation Setup > Circuits.**

GloBrite White Light Dimmer Level: Use the Up/Down arrow button to increase or decrease the brightness levels of the light. Brightness levels are from 50%, 75% and 100% increments.

Dimming Lights (50%, 75%, 100%)

Lights that have dimming functionality can be dimmed from the Lights screen. Only incandescent tungsten filament lights may be dimmed. IntelliBrite, Fiber-optic, or Halogen lights cannot be dimmed. The feature circuit must be assigned a Dimmer circuit function. **Note: Feature Circuits can turn on light dimming circuits, but lights cannot be dimmed using this feature. The dimming level must be changed for each light dimming circuit.**

GloBrite White & Dimmer ON/OFF Button: On the Lights screen, tap the Individual button to display the assigned light circuits. Tap the GloBrite White light or the Dimmer Generic Light button to switch the light on or off. Tap Return Arrow to return to the Home screen.

AUX Circuits and Feature Circuits

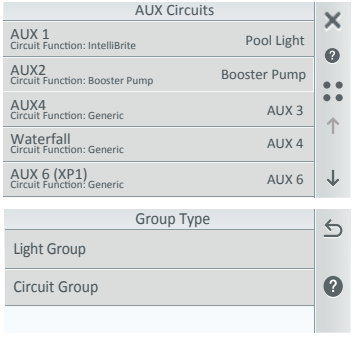
AUX Circuits: Tap AUX Circuits to display the available AUX circuits to assign. Tap the AUX Circuit (Function name) to assign a function (Type) to the circuit.
Circuit Name: Select one of the displayed circuit names and tap Check to save. To customize a circuit name, tap on the Keyboard icon on the right side of the screen and enter the new name.
Circuit Type (Function): Assign the circuit type. For a complete list of Circuit Types.
Visible in Features (Lights and Generic Circuits only): Select ON to display this circuit in the Home, Features screen. **Egg Timer:** Set manual timeout delay (hrs/mins - 12 Hrs default) for the circuit, once it's turned on. **Freeze Protection:** Assign freeze protection for this circuit. When Freeze Protect is enabled, Freeze Protect Active is displayed on the Home screen.

Feature Circuits: Up to 32 individual Feature Circuits can be assigned as **Generic circuits or Spillway (Pool/Spa)** circuits. A Feature Circuit can be assigned to activate the Spa Spillway effect, where in a pool/spa combination, pool water is diverted to the spa then spilled back into the pool.

Circuit Function (Generic or Spillway): Tap on Circuit Function and select either Generic of Spillway. Note: Assign the Feature Circuit Name, Visible in Features, Egg Timer, Don't Stop and Freeze Protection. **Home Screen Features Green Badge:** Displays the number of active feature circuits. To display circuits in the Features screen, see Settings > Advanced System Configuration > Installation Setup > Circuits > Feature Circuits > Feature Circuit Settings (Visible in Features (Y/N) option).

+ New Feature Circuit Function (Generic or Spillway: Tap New Feature Circuit to create a new Feature Circuit (up to 32 total). Select a Circuit Name, then tap the name of the new Feature Circuit. and Type (function), Generic or Spillway. **Feature Circuit Settings:** Select the Circuit Type, Circuit Name. (*) **Circuit Type (Function):** Tap Generic and select either Generic or Spillway for the circuit type. Tap Check to return to the previous screen. **Visible in Features:** Select ON or OFF to display the Feature Circuit in the Feature screen (Home screen).
Egg Timer: Set one time duration of 0 to 12 hours. **Freeze Protection:** Assign freeze protection for this circuit.

Create Groups (Lights/Circuits): From Settings > Groups (Light Group and Light Group) you can create a group of Lights or auxiliary Circuits. These Groups of lights and auxiliary circuits are displayed in the Features > Groups screen. You can also create groups of auxiliary and light circuits in the GROUPS screen which will be displayed in the Features > Groups screen.
Create Groups of Circuits (4 Dots Icon): Tap this icon on right side of the AUX Circuits screen to create Groups of circuits. Select either the **Light Group or Circuit Group**. Enter a name for the group of lights or circuits. Tap the Circuit Group name. Tap **Included Circuits** and select the circuits to include in the group. A Feature Circuit (Circuit) is assigned special logic to the circuit. For example, an automatic pool cleaner pump, would assign the circuit type Master Cleaner.
Advanced Circuit Settings: Tap Advanced Circuit Settings to access the circuit ON/OF buttons. From this screen you can select each assigned circuit in the Group Circuits to be ON or OFF.
Note: Group Circuits are assigned in Settings > Advanced System Configuration > Installation Setup > Circuits. Note: For more information about AUX Circuits and Feature Circuits, See Advanced System Configuration > Installation Setup > Circuits > AUX Circuit - OCP 0 or Feature Circuits.
(*) CIRCUIT TYPES (FUNCTIONS): Generic, Spillway, Master Cleaner, Chem Relay, Light, IntelliBrite®, GloBrite®, GloBrite White, MagicStream® (IntelliBrite), Dimmer, ColorCascade®, Master Cleaner B.



AUX Circuits and Feature Circuits (Continued)
Groups (Circuit/Light) (Settings)

The Groups feature allows multiple circuits to be grouped together and assigned to one ON/OFF button that is displayed on the Home screen Features Groups screen. Note: Groups of circuits can be selected from the CIRCUITS, and LIGHTS.

+Add Group (Circuits): Tap Add Group, and select Circuit Group, and enter a name for the selected Circuit Group. Tap Check to save the Circuit Group name and continue to the Circuit Group Settings screen. Tap the group name from the Groups list.

Delete Groups: Tap the Trash icon; check the desired Circuits or Light Group to delete. Tap Yes to delete.

Nested Groups: If necessary, it is possible to create a Group of circuits within another Group of circuits, as long as they are from the same group (Light, or Circuit).

Note: Circuits grouped together can be switched ON/OFF from one button in the Features (Circuits), Lights (circuits) on the Home screen.

Light or Circuit Group Settings:

Group Name: Tap the name bar to access the keyboard screen. Enter a name for the groups of circuits.

Included Lights (or Circuits): Tap the Included Circuits number bar to access the available AUX circuits. The AUX circuits displayed depend on the model of the Personality Card installed. AUX circuits are assigned in the AUX circuits screen. For more information, see, Advanced System Configuration > Installation Setup > Circuits > AUX Circuit - OCP 0 or Feature Circuits.

Egg Timer: Egg Timer: Tap the button and set the timer from 0 to 12 hours.

Don't Stop: Tap the Hours Up button until 23 Hours displays, tap once again to display DO NOT STOP. Once the circuit is switched on, it will remain on until it is manually switched off.

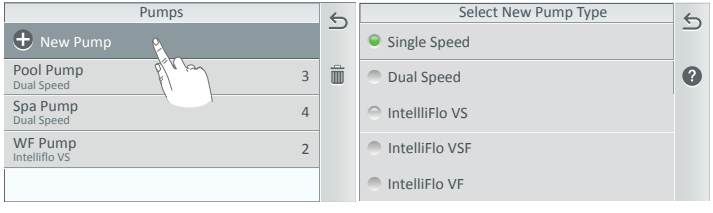
Note: The Egg Time sets a specified time delay (hrs/mins) for the circuit to function once it is turned on.

Swim Settings (Lights only): Tap the Swim Settings button and adjust the delay between each light from 0 to 59 seconds. This feature synchronizes any IntelliBrite® or Landscape color lights. The color swim effect starts from the first light, then the color change is delayed across to the adjacent lights creating a wave delay effect. For more information about light features, see Circuit Type in Advanced System configuration > Installation Setup > AUX Circuits > AUX Settings (Circuit Type).

Pumps

+ Add Pump: To configure a new pump, tap + Add Pump to access the Select New Pump Type screen to setup the pump settings. Pump types are: **Single Speed, Dual Speed, IntelliFlo VS, IntelliFlo VSF, and IntelliFlo VF.**

Single Speed Pump Settings: From the Single Speed Pump Settings screen you can change the pump type, name and assign the pump to a body of water (pool, spa, or pool/spa.



Dual Speed Pump Settings: Pump Type, Pump Name, Body, and High/Low Speed Circuits. For information about priming the pump.

Pump Type: To change the pump type, tap Pump Type button to access the pump type screen. Select the pump for the list. Tap Check to save the new pump type and return to the previous screen.

Pumps (Continued)

Pump Name: Tap the Pump Name button and enter the name of the pump. Tap Check to save the name and return to the previous screen.
Body: Assign the pump to a body of water (pool, spa, or pool/spa (shared equipment).
High Speed Circuits: Select a circuit for the high speed. You can choose up to eight (8) high speed circuits. Tap the High Speed Circuits button. Tap Add Circuit and select an AUX circuit to assign the high speed to. Tap Check to save the circuit and return to the previous screen.
IntelliFlo VS Settings: Pump Type, Name, Address (1-16), Min. Speed (450 RPM), Max. Speed (3450 RPM), Step Size (10-250 RPM), Prime Time (0-5 min.), and Prime Speed (450-3450 RPM). **Speed Circuits:** Assign the speeds to the circuits you wish to use. Tap Speed Circuits and tap Add Circuits to assign a new AUX circuit. To change the pump speed of a listed circuits, tap the AUX name to change the assigned RPM setting. Tap Return to save the setting and return to the previous screen. **Affiliated Circuit Settings:** Circuit: The assign circuit to control the pump speed. **Speed (RPM):** Assign pump speed from 450 to 3450 for the selected circuit. **Pump Status:** Shows the current power usage in Watts, speed, in revolutions per minute (RPM) while the pump is operating. Tap Return to return to the previous screen. Also see: Tap Status on the Home screen to display the current pump status and error condition.
IntelliFlo VSF Settings: Pump Type, Name, Address (1-16), Min. Speed (450 RPM), Max. Speed (3450 RPM), Min. Flow (20 GPM), Max. Flow (140 GPM), Step Size (10-250 RPM), and Step Size (1-10 GPM). **Speed Circuits:** Assign the speeds to the circuits you wish to use. Tap Speed Circuits and tap Add Circuits to assign a new AUX circuit. To change the pump speed, tap the AUX name to change the assigned RPM setting. Tap Return to save the setting and return to the previous screen. **Affiliated Circuit Settings**: Circuit: The assign circuit to control the pump speed. Flow (GPM): Assign pump flow rate from 20-140 for the selected circuit. Speed (RPM): Assign pump speed from 450 to 3450 for the selected circuit. **Pump Status:** Shows the current power usage in Watts, flow rate in gallons per minute (GPM) or revolutions per minute (RPM) while the pump is operating. Tap Return to return to the previous screen.
IntelliFlo VF Settings: Pump Type, Pump Name, Pump Address (1-16), Min. Flow (15 GPM), Max. Flow (134 GPM), and Step Size (1-10 GPM).
Speed Circuits: Assign the speeds to the circuits you wish to use. Tap Speed Circuits and tap Add Circuits to assign a new AUX circuit. To change the pump speed of a listed circuits, tap the AUX name to change the assigned RPM setting. Tap Return to save the setting and return to the previous screen.
Affiliated Circuit Settings: Circuit: The assign circuit to control the pump speed. Flow (GPM): Assign pump flow rate from 0 to 134 for the selected circuit.
Pump Status: Shows the current power usage in Watts, and flow rate in gallons per minute (GPM) while the pump is operating. Tap Return to save the setting and return to the previous screen.

Chemistry [IntelliChlor® SCG and IntelliChem® Controller]: From the Chemistry screen you can configure one IntelliChlor SCGs and up to eight IntelliChem Controllers. Also see: Home screen(*): Tap Chemistry to access IntelliChlor and IntelliChem operation summary screens. **Add IntelliChlor and/or IntelliChem:** Tap Chemistry on the Home screen. Tap Add Chemistry. Select one IntelliChlor SCG and up to eight IntelliChem Controllers on the Select Chemistry Device. **IntelliChlor SCG Settings:** For dual body systems, each device is assigned to pool/spa. For single body systems, select either Body 1 (pool), Body 2 (Spa). **Chlorination Output Levels:** Set the Pool and Spa chlorine output levels. The system can only generate chlorine while the filter pump is operating. Set the percentage to produce chlorine. The Spa output 1/20 of the pool output when the Spa mode is switched on. Note: If using the Filter Pump Relay select Filter Pump Relay and Tap Next. Choose either the Pool or Spa Relay and can set the chlorination output levels and turn Super Chlorination On/Off. Tap the Back arrow to return to the previous screen and Tap Next. **Super Chlorination (ON):** Tap the Start Super Chlorination button to temporarily override the current chlorination output levels with super chlorination (100% output for the select time (typical 24 hours). **IntelliChem Settings: Address (1-4):** Select an address from 1-4 for the IntelliChem Controller. **Body Assignment:** For dual body systems, the device is assigned to pool/spa. For single body systems, select either Body 1 (pool), Body 2 (Spa).

Heater

Add Heater: Tap Add Heater to add a new heater type. **Select New Heater:** Select the heater type from the list of heat sources. Heater types are: Off (no heater installed), Gas Heater, Solar, Heat Pump, UltraTemp and Hybrid. **Gas Heater Settings: Heater Type:** Displays the Heater Type selected. **Heater Name:** Tap the heater name button to change the heater name. Enter the hew name and tap Check to save the name and return to the previous screen. **Affiliated Body:** Assign the heater to a body of water: Pool, Spa or Pool/Spa (shared equipment dual body of water).
Heater Name: Tap the heater name to change the current heater name. Tap Cool Down Delay (min): The gas heater Cool Down Delay (min) can be set from 0 to 10 minutes (5 min. default).
Note: Pentair gas heaters do not require a cool down period.
Heater Pump Settings: Heater Type: Displays the Heater Type selected. **Heater Name:** Tap the heater name button to change the heater name. Enter the hew name and tap Check to save the name and return to the previous screen. **Affiliated Body:** Assign the heater to a body of water: Pool, Spa or Pool/Spa (shared equipment dual body of water).
Start Temperature: Tap the -/+ buttons to decrease or increase the Heat Pump start temperature.
Pool/Spa System without a Heat Source: If the pool/spa system does not have a heat source installed, the Home screen and Pool and Spa screens will not display the Heating Set Point buttons. The Pool/Spa badge (Yellow, Blue, Green) will display the current water temperature. Solar and Heat Pump Nocturnal Heater Cool Down Delay
For Solar and Heat Pumps. Use the Cooling Set Point temperature control buttons displayed on the Pool and/or Spa screen to adjust the nighttime temperature of the pool/spa water.
Solar Heater Settings: Heater Type: Displays the Heater Type selected.
Heater Address (1-16): Assign the Heat Pump or UltraTemp heat pump address. **Start Temperature (Heat Pump only):** Set the start temperature from 1-12. Note: Valves A & B and Solar **Heating:** For Single Body systems, Valve A is used for SOLAR if you choose SOLAR heating. For Dual Body systems, Valve B is used for SOLAR if you choose SOLAR HEATER. Cooling Enabled (UltraTemp only): **On/Off:** On: Set a Cool-Down Cycle for the Heater to activate the pump during a heater cool-down. Note: Select Pump On during heater cool-down, under the Delays option. Note: Pentair heaters do not require this feature.
Heater Name: Tap the heater name button to change the heater name. Enter the hew name and tap Check to save the name and return to the previous screen.
Affiliated Body: Assign the heater to a body of water: Pool, Spa or Pool/Spa (shared equipment dual body of water).
Start Temp. Delta (6): The minimum temperature difference to start heating. The temperature range is adjustable from 4°F - 9°F. Factory default is 6.
Stop Temp. Delta (3): The temperature difference at which heating will stop. The temperature range is adjustable from 2°F - 5°F. Factory default is 3.

Solar Nocturnal Cooling ON/OFF: ON: Provides automatic nocturnal (nighttime) cooling during night time hours for pools that overheat in hot climates. When enabled, circulates relatively warmer pool water to the collector panels when the collector temperature and the pool temperature is hotter than the high limit setting. This process cools the pool water over time. Circulation will stop when the collector temperature is 3 degrees (default) less than the pool temperature or the pool temperature is cooler than the high limit setting. OFF: SOLAR nocturnal (nighttime) cooling disabled.
Heat Pump and UltraTemp Settings: Heater Type: Displays the Heater Type selected. **Heater Name:** Tap the heater name button to change the heater name. Enter the new name and tap Check to save the name and return to the previous screen. **Affiliated Body:** Assign the heater to a body of water: Pool, Spa or Pool/Spa (shared equipment dual body of water). **Heater Address:** Assign an address from 1-16. **Differential Temp (default 6 degrees):** The minimum temperature difference to start heating (adjustable range from 4° - 9°.
Hybrid: Heater Type: Hybrid. **Heater Name:** Hybrid: Tap the heater name button to change the heater name. Enter the new name and tap Check to save the name and return to the previous screen.
Affiliated Body: Assign the heater to a body of water: Pool, Spa or Pool/Spa (shared equipment dual body of water). **Heater Address:** Assign an address from 1-16. **Heat Mode:** Heat Pump Only (Uses only the Heat Pump side during calls for heating. **Gas Heat Only:** Uses only the Gas Heater side during calls for heating.

Heater (Continued)

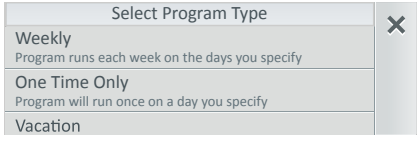
Hybrid Mode: Heat Pump Only: Uses only the Heat Pump side during calls for heating. **Gas Heat Only**: Use only the Gas Heater side during calls for heating. **Hybrid Mode:** The Hybrid Heat Pump automatically determines when heating via heat pump or gas heater is appropriate, and automatically switches between the two. **Eco-Time:** Only active in Hybrid Mode. Use this feature if the unit is unable to heat incoming water to the active set point within a specific period of time, then the gas heater will turn on to provide supplemental heat. Eco-Time is the time the heat pump will attempt to heat to the active set point before the gas heater activates to provide supplemental heat. Both the Pool Set Point and Spa Set Point have an individual Eco-Time setting. **Boost Temperature (From 5 to 10 degrees):** Only active in Hybrid Mode. Use this feature if the unit is unable to heat incoming low temperature water to the active set point. When the difference between the actual incoming water temperature and the active set point exceeds a set amount, the gas heater will turn on to provide supplemental heat.The Boost Temp. setting is the difference between incoming water temperature and the active set point which will activate the gas heater. Both the Pool Set Point and Spa Set Point have an individual Boost Temperature setting.
Dual Mode: Heat Pump and Gas Heater will run in tandem during calls for heating. Provides fastest possible heat ups.

Schedules

To access the Schedule screen, from Home screen tap Schedule, select Weekly, or One Time Only. You can create up to 20 schedules per device. From the Schedule screen you can add, delete, edit, enable and disable schedules. Tap the Add button (+) to add a schedule. To delete a program tap the Trash Can icon to delete the program from the list. Use the Up/Down arrow to scroll through the program list. Note: If a schedule is on the same minute that the previous one ends, the schedule will overlap, in this case the newest schedule's start time takes priority by ending the previous schedule early. To access the Schedule screen, tap the Schedule icon on the Home screen. From the Schedule screen you can program On and Off times for circuits (auxiliary and Feature circuit) controlled by the IntelliCenter™ Control System. Circuits can be scheduled set to turn On or Off all days, weekends, weekdays, or any specific day of the week. Each 24 hour period, equipment (lights, heater, spa jets, filter pump) can be programmed for multiple On/Off times. You can also schedule which heat mode to use and also change the heat set point if necessary. The Schedule screen lists each scheduled circuit(s) start and stop time, and days to run.



One Time Only: This schedule will switch equipment on for the specified amount of time. You can set the desired "One Time" schedule to run the pump for the specified time only.



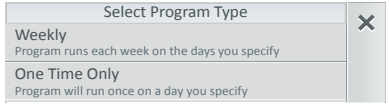
Vacation Mode: If you are planning a vacation and wish to use a different schedules while on vacation, you can setup a start and stop date to run a daily pool/spa filter schedule. When you return from vacation the system will continue with the previous schedules.

Vacation Mode: ON: Turn on Vacation mode (manually enabled no end date/time). OFF: Turn OFF Vacation mode.
Note: Previous vacation schedules will remain in memory and can be enabled again for future use. **Duration: ON:** Set Start & Stop date for duration of schedule(s). **OFF:** Duration for vacation schedules is disabled (no Start and Stop date has been established). **Schedules:** Set up a Weekly or One Time Only schedule for the duration of the vacation time. See Schedules. **Vacation Start Date:** Set the vacation start month, day and year. The number days before the vacation start date are shown on the screen. **Vacation Stop Date:** Set the vacation end month, day and year. The number days before the vacation start date are shown on the screen. Note: To indicate the system is in Vacation, the Schedule icon displayed on the Home screen is temporally replaced with the **Vacation text**. Tap Vacation to see the current vacation schedules.

Schedules (Continued)

Weekly Program: This feature will automatically schedule a circuit or a group of circuits to switch on and off at a specific start and stop time and day. Circuits can be scheduled to turn On or Off all days, weekends, weekdays, or any specific day of the week. Each 24 hour period, equipment (lights, heater, spa jets, filter pump) can be programmed for multiple On/Off times. You can also schedule which heat mode to use and also change the heat set point if necessary. The Schedule screen lists each scheduled circuit(s) start and stop time, and days to run.

Add a Program: From Home screen tap Schedule > Add Schedule > Weekly to add a new schedule.
Note: If the system is in Vacation Schedule mode, the Home screen Schedule icon will change to **Vacation** text.



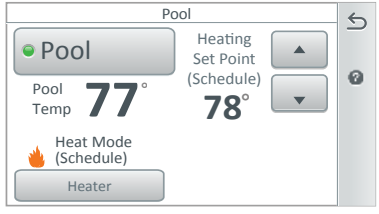
Delete Program: Tap the Trash Can icon and select the schedules to delete from the list, then tap Check and the Yes button to delete.

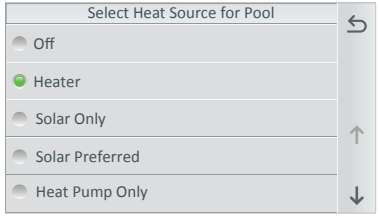
Weekly: Tap Weekly to display the available AUX (auxiliary) circuit, Feature circuits and Groups (circuits and Feature circuits) as defined in the Circuits screen.

Everyday: Tap Everyday and select the days of the week (Mon-Sun), Weekdays, Weekends, Every Day, or No Days to run the schedule. Tap Check to save and return to the previous screen.

Circuits: Tap Circuit and select a circuit from the assigned circuits list. Note: Heat Source and Set Temperature options only display for Pool an Spa circuits. Use these options to schedule your pool/spa heater to heat the water at a specified time.

Duration: Start time duration: The equivalent time left after the start time is established (e.g. 1:00 AM to 9:00 AM. The system clock calculates the duration between the start and stop time which is 8 hours. Note: To offset Sunrise and Sunset start time. **Stop Time (Manual):** Set the stop time (am/pm) for the Weekly schedule. **Duration:** Stop time duration: The equivalent time left after the start time is established (e.g. 1:00 AM to 9:00 AM. The system clock calculates the duration between the start and stop time which is 8 hours. Note: To offset Sunrise and Sunset stop time. **Heat Source:** Tap Heat Source and select: Off, Heater, Solar Only, or Solar Preferred. Heat Pump Only, Heat Pump Preferred or Hybrid. To create a heat source go to Settings > Advanced System Configuration > Installation Setup > Heaters. **Set Temperature:** Tap the plus or minus button to set the Heat Source set point temperature from 40° F to 104° F.





Don't Change Feature - Heat Source/Mode (Schedule): Don't Change (use for Schedules only), OFF, Heater, Solar Only, Solar Preferred, Heat Pump Only, Heat Pump Preferred or Hybrid. If **Don't Change** is select as the heat source in the Schedules feature (Heat Source), When a schedule is active, you have the option to select a Heat Mode source from the **Pool or Spa screen**, which will be used every time the schedule is active.

Manual OP Priority: If this feature is set to ON, a circuit can be manually switched OFF and switched ON within a scheduled program. The circuit will continue to run for a maximum of 12 hours or whatever that circuit Egg Timer is set to, after which the scheduled program will resume if the Schedule has not ended before the Egg Timer expired. Default is OFF. See Settings > General for more information.

One Time Only: This feature will automatically schedule a circuit or a group of circuits to switch on and off at a specific start and stop time and day, for one time only. The circuit or group of circuits must be turned off manually or wait for the 12 hour automatic shut-off. However, the 12 hour factory shut off time can be changed by setting a new run time in the Egg Timer. See Egg Timer feature in the Circuits settings (Settings > Advanced System Configuration > Installation Setup > Circuits.. For example, you could set up the program to pre-heat your spa ready for your arrival. After the scheduled One time Only program is completed, it is automatically erased. If the heater and pump already are on a schedule. If the equipment is off, the One Time Only timer will switch it on for the scheduled time that has been set.

Service Mode

Service Mode: Service and Timer mode is used for pool/spa maintenance or service purposes to manually control and test system equipment. During Service mode, the Home screen, Indoor Control Panel and Wireless remote displays will show SERVICE MODE. All system auxiliary circuits will be disabled once Service or Timer is selected. When AUTO is selected, normal operation will resume and the system will not be in service mode.

Auto: When Auto is selected it indicates that the system is operating normally and not in Service or Timer mode.

Service: When Service is selected, all system auxiliary circuits will turn OFF. To enable auxiliary circuits select Manual Circuit Control and choose the system auxiliary circuits to turn on/off.

Manual Circuit Control: Choose the auxiliary circuits to allow manual control. Tap the circuit name to turn the circuit on/off. Note: For shared equipment dual body of water, only one valve can be activated at a time.

Timer: Use the Timer mode to leave the system in service mode up to 24 hours and automatically return to Auto mode (normal system operation) after the maximum hours set has elapsed. Set the count-down timer from 1 to 24 hours for selected circuits to remain in service mode.

Alerts & Warnings Shown in Status: Displays a Badge icon on the Status Home screen icon for selected items show on this screen.

Configure... Tap Configure... to display the selectable items for the displayed options. From the Select Shown in Status screen, tap on items or Select ALL items to shown on the Home screen Status icon. If Configure is displayed on the option button, it indicates Alerts & Warnings Status Badge will not be displayed.

Circuits: Select two status conditions. A **Yellow Badge** indicates a delay is in progress. **Delays:** (Heat Cool-Down, Valve Rotation Delay, Pump Priming. A **Blue Badge** indicates that the Pool/Spa pump has been manually turned on. Using Override Delays. Go to Delays and tap Override Delays. Override Delays will cancel all active delays. If a Schedule is running, a Green Badge will display. If the pool/spa pump is manually enabled (ON/OFF), a Blue badge will display.

Yellow changes to Green: A schedule has been turned on. **Yellow changes to Blue:** Pool/Spa pump has been manually turned ON. **Blue:** Will stay on until pool/spa pump is manually turned off. **Note: Blue Badge will stay on for the Egg Timer duration (12 hrs. default).If the Egg Timer is set to Don't Stop to circuit will run continuously until manually is switched off.**

Pumps: Select up to eight common pump and filter warnings and alarms.

Chemistry IntelliChlor®: Select up to five common IntelliChlor SCG warnings and alarms. **Chemistry IntelliChem®:** Select up to 17 common IntelliChem Controller related warnings, errors and alarms.

System [Advanced System Configuration]

Update the IntelliCenter Control System Firmware: From the Home screen Settings > Advanced System Configuration > System: Displays the system firmware version: Version 1.010. Tap System Information to display MAC Address, Serial Number, Manufacturer Date, Firmware Version, IP Address and Release Notes. Release Note: Information about the current system firmware release.



Check for Update: Tap this button to check for the latest IntelliCenter™ Control System firmware version. Follow the screen prompts.

Update from USB: Tap this button to display the Select Firmware File for Update screen. Using the Up/Down arrows, locate the Update file (.pfw). Tap the file name to begin the update. **Update from Panel:** Tap this button to update the update the current firmware to a newer or earlier version from a USB device installed in the Outdoor Control Panel, Indoor Control Panel, Wireless Remote. Follow the screen prompts.

Security (Passcode)

Note: Only an the Administrator can access the Security screen.

Enable Security: Tap the Enable Security bar to access the Super Administrator's Security Settings. The Enable Security setting is ON to allow you to enter the Super Administrator's Passcode. From this screen the Administrator can enable or disable Guest Account to assign a passcode, and turn off and on the main system security. Note: If the incorrect Passcode is entered multiple times, the Access Denied screen is displayed. This screen will time out for 60 seconds. After 60 seconds has elapsed, tap OK to enter the correct Passcode.

Security: This screen shows the Administrator has been assigned a passcode and is logged and has access to all of the system (All Sections). Also shown is a Guest Account who has been assigned a passcode and how many sections have been allow access to (8/24 Sections). 0/24 Sections indicates no access to system sections.

Administrator Log out: Tap Administrator to enable or disable the system security. To log out the Administrator, tap Yes.

User List: Tap a name to display the User Security Settings screen: Change the user name, passcode, access to sections and timeout setting.

Add New User: Tap Add New User to enter the new user's name and select up to four (4) sections that the user has access to. Up to 10 users can be assigned access to the Sections. Tap Check to save the name and return to the previous screen. Note: Tap Guest to access the Guest Security Settings screen to allow the Guest to access 0 to 24 system settings. A Guest does not require a Passcode.

Passcode: Tap Unassigned and enter the 4 digit system Super Administrator's Passcode. Tap Check to save the passcode. Tap X to exit without saving passcode return to the previous screen.

Timeout (min): Tap plus or minus to set the screen elapse time (1-10 minutes) before screen message is displayed for the passcode. A padlock icon is displayed on the Home screen indicates that there is an Administrator's passcode assigned.

Deselect All: Tap Deselect to deselect all of the system functions selections in the list.

Select All: Tap select All to select all of the system functions listed, or tap individual selections. Tap Check to save selections. Tap X to exit without saving changes.

Pentair User Portal (www.intellicenter.com) (Settings)

Web and Mobile Interface: Tap to access the Web and Mobile Interface scree. The default setting for Web Interface is OFF. This enables the Web based and mobile interface which allows local network and Internet communications with the IntelliCenter™ Control System. To disable Web based and mobile interface, set to OFF. Note: For the IntelliCenter Control System to connect to the Web requires connection of the Wireless Bridge Transceiver Antenna to the Outdoor main circuit board. For installation instructions, see the IntelliCenter Control System Installation and User's Guide.

Add New Account: Enter the owner's information, Email address, Property Name, Password. The system will attempt to create to the owner's account Email address to www.intellicenter.com.

Login to Existing Account (www.intellicenter.com): Enter Email address and password. The system will attempt to connect to the owner's account via the Internet connection.

Update Owner Information: Edit owner information: Property Name, Name of owner, Address, City, State, Zip Code, County, Time Zone, Phone number, E-Mail. Location information is populated when entered in General > Location > Date & Time.

View Connection Information: View server connection information: Last messages received, total number of server connects.

Internet Connection Test

Internet Connection Test: Test the Internet connection after the home wireless connection has been setup. If connected to the Internet, the average response time is displayed.

Delays [Advanced System Configuration]

Delay Settings: Valve Delay ON or OFF: ON: Filter pump is off (30 seconds) during the delay for pool/spa valve rotation. **OFF:** No valve pool/spa rotation delay
Heater Cool Down Delay ON or OFF (Cancel Delay): Note: This feature is adjustable from 0 to 10 mins. per heater (largest time minutes per body of water).
ON: Activate the pump during a heater cool down. Pump on during heater cool-down: Select this option if you have a heater or other equipment that requires that the filter pump stay on for five (5) minutes after the equipment goes off. **OFF:** Shuts OFF the filter pump immediately. Some heaters require a cool-down cycle before being turned off. This can be accomplished with a setup procedure in the IntelliCenter Control System which runs the filter pump an additional five (5) minutes to dissipate residual heat built up inside the heater combustion chamber. The delay feature is mainly for use by service technicians when they want to shut the filter pump off immediately, and know the heater has not been running. IMPORTANT: Heaters manufactured by Pentair Water Pool and Spa do not require this cool-down period and do not need the delay to be set up.
Freeze Cycle Time (0 to 60 minutes): Freeze Cycle Time: Set the freeze protection pump time from 5 to 60 minutes. Default time is 5 minutes. This feature rotates the valves from the pool to the spa at the duration of the pump timer.
Override Delays: Tap this button to override (cancel) any system delays currently in progress.
Delay Badge (Yellow): A Yellow badge displayed on the Home screen Pool/Spa icon indicates a Valve rotation (delay) is in progress.

Setup Wizard [Advanced System Configuration] - Outdoor Control Panel Only

Initial System Power Up: After all required pool/spa equipment has been connected to the IntelliCenter Control System, apply power to the system at the main panel circuit breaker. Upon the initial system power up, the outdoor LCD control panel will display the PENTAIR END USER LICENSE AGREEMENT. Please read this agreement. To continue, tap the Down arrow on the right side of the screen to scroll down to the end of the agreement and tap ***I Accept*** to accept the agreement. The Home screen is then displayed. *Note: Initial system Power up: The Pentair End User License Agreement is displayed only one time after the initial system power up.*

Wizard Setup: To start the Wizard system setup, from the Home screen, tap Settings > Advanced System Configuration > Wizard.

IntelliCenter Control System Setup: The first Setup Wizard configuration screen, Displays the current system firmware version.

IntelliCenter Control System Setup Wizard: The first Setup Wizard configuration screen, Displays the current system firmware version. **Help/Menu:** Tap to display the Help text. Tap hold and release to display the Wizard MAIN MENU options. **Exit Wizard:** Tap this button to exit the Setup Wizard and return to the Home screen. **Next:** Tap Next to continue with the Setup Wizard and display the Detected Hardware screen.

Import System Configuration: Yes: Use this option to Import a system configuration file (.CFG) from a USB device plugged into the USB Port on the front of the IntelliCenter Control System Outdoor control panel. Note: This option will overwrite the current system configuration. No: Tap No then Next to continue with the Setup Wizard.
Import for USB: Insert a USB device into the USB Port on the Outdoor or Indoor control panel. Tap Import from USB and navigate to the system configuration file (.CFG). Follow the on screen instructions to import the system configuration files plugged into the USB Port on the Outdoor or Indoor control panel. Local or copy from Remote: These options will overwrite the system

Detected Hardware: Displays the installed IntelliCenter Control System Personality main circuit board and Expansion Cards (if applicable).
Next: Tap Next to continue to the Zip Code/Location settings screen. **Back/Home:** Tap Back to go to the previous screen. **Exit Wizard:** Tap to exit the Setup Wizard and display the Exit Wizard screen (No, Yes, Discard options). **Update date & Time:** Tap Yes and Next to update the system date and time. **Clock Mode:** Select either 12 hour or 24 hour mode. **Time Set:** Tap the Time Set time bar and set the current time for your location. Tap Check to save and return to the previous page. **Date Set:** Tap the Date Set time bar and set the current date. Tap Check to save and return to the previous page. **Offset (min/month:** Select ON to offset the current time (minutes) and month. **Daylight Saving Time:** Select ON to automatically set the yearly daylight saving time for your location. Select NO to manually change the daylight savings time for your location. Converting a 12 hr. time to 24 hr. (military time) is from 1:00 PM to 11:59 PM, then add 12 hours, and from 12:00 AM (midnight) to 12:59 AM subtract 12 hours. **What is your Zip Code / Location:** After the IntelliCenter Control System has verified the login information successfully, the Location screen is displayed. If needed, tap Zip Code, Latitude/Longitude or Time Zone and enter the updated information. *Note: If the PC time and date do not match the time and date displayed on the Home screen, you need to reset the PC time and date to the time and date set*

Wizard Navigation: Help: Tap this button to display brief informative information for the current screen. Menu: Tap hold and release to display the Wizard Setup Main Menu items. From this screen you can select which item to configure during the Wizard setup.
Help Screen/Main Menu Button: From any of the Wizard Setup screens, tap Help to display the help text. Tap the Main Menu button to display the Wizard Main Menu items.
Main Menu: Tap the Main Menu button on the Help text screen to display the Main Menu items. Also, tap and hold and release the Help/Main Menu button on any of the Wizard Setup screens to display the Main Menu items. **Start Page:** Return to the first Wizard "Welcome" screen. **Exit Wizard:** Display the Exit Wizard screen options. **Back:** Return to the previous screen. **Summary Page:** Go to the Summary screen. **For more Set Wizard information, see the IntelliCenter Control System User's Guide (P/N 522990).**

IntelliCenter® Control System Menu

Home Screen: Pool, Spa, Features (Individual/Groups), Lights ((Individual/Groups), Schedule (Pump schedule), Usage, Chemistry (IntelliChem/IntelliChlor SCG), Status.

Settings: Service Mode, Vacation Mode, Support:

General: (Location, Date & Time, Units, Features and Lights List Order, General List Order, Backlight (Deep Sleep: Wireless Control Panel only), Temperature Sensor Calibration, Day / Night Themes, Manual Operation Priority, Manual Heat, Chemistry Readings Badge, Badge Colors

Alerts and Notifications: Choose which system status, alerts and warnings badges to display on the Home screen Status icon.

Security: (Passcode Protect)

Pentair User Portal: (www.intellicenter.com)

Groups: (Configure groups of circuits and feature circuits)

System Reboot: Reboot the panel.

Advanced System Configuration: Installation Setup: Body Configuration,Circuits, Pumps, Heaters, Valves, Chemistry, Pool/Spa Cover.

Remotes Setup: (iS4, QuickTouch II, iS10, SpaCommand remotes

Network and WiFi Setup (Not required for Wireless 900 MHz High Power Wireless Link Kit (P/N 523434). Please refer to the provided installation instructions (P/N 523445) when installing the 900 MHz Wireless antenna.

Configure Ethernet, Configure Wireless Network, Internet Connection Test), Reboot WiFi Device.

IntelliCenter Wireless Remote Setup: Configure the wireless remote.

Delays: Valve Delay, Heater Cool Down, Freeze Cycle Time, Override Delays.

System: System Information, Detected Hardware, System Diagnostic Information, Firmware Update (Update from Panel, Update from USB, Update from Ethernet), Factory Diagnostics.

Import/Export: Import System Configuration, Export System Configuration.

Restore Factory Defaults: Restore system to factory configuration.

Setup Wizard: Step-by-step system configuration (takes about 15 minutes).

Interent Setup for the IntelliCenter® Control System

Internet Setup:

1. Once the Internet connection test passes, press and hold the Return arrow to return to the Home screen. From the Home screen, tap **Settings > Pentair User Portal**.
2. Tap **Enable Web & Mobile Interface**. Change the toggle to ON and tap the Return arrow.
3. Tap **Add New Account**.
4. Tap Property Name and enter the name of the property, and tap the checkmark.
5. Tap **Email** and enter the users email address, and tap the checkmark.
6. Press the checkmark to go to the next screen.
7. The users Email address should be shown on the first button. If it is not shown, tap the button and add it as described in the steps above.
8. Tap Enter Password and enter a Password, then tap the checkmark. Note: The password should have a least one uppercase letter.
9. Tap the Re-Enter Password button and retype the password, and tap the Checkmark.
10. Tap the Checkmark to complete the process. Once the account setup is complete, return to the home screen and wait for the Pentair logo to appear. After the Pentair logo appears this indicates you are connected to **www.intellicenter.com** and should be able to remotely connect to your IntelliCenter Control System using your User Name and Password used previously.

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CUSTOMER SERVICE / TECHNICAL SUPPORT

Customer Service

8 AM to 8 PM

Phone: (800) 831-7133

Fax: (800) 284-4151

Website: www.pentair.com

Technical Support

Sanford, North Carolina (8 AM to 8 PM ET)
Phone: (919) 566-8000
Fax: (919) 566-8920

Moorpark, California (8 AM to 5 PM PT)
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