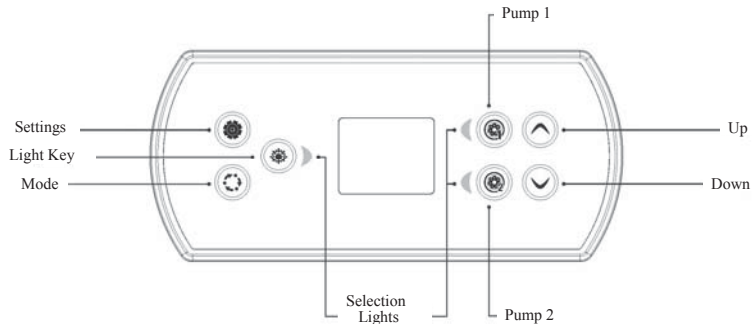# OPERATION SYSTEMS - 500 SERIES CONTROL

WARNING: READ ALL INSTRUCTIONS BEFORE USING THE SPA. PDC Spas, PDC International assumes no responsibility for personal injury or property damage sustained by or through the use of this product. When installing and using this equipment basic safety precautions should always be taken to reduce risk of electrical shock, ensure safe usage, and safeguard the user's health.

In.K 500 Series Control

Standard control for SE Series spa models

Power
Press any button to turn the keypad on. After 30 minutes without activity it will automatically shut off.

Main Screen
The main screen gives you access to your accessories and water temperature. At the bottom of the screen you will see any error or maintenance messages that are present.

Start or Stop Accessories
To start or stop an accessory, press the associated button. Icons will become animated when their accessory is turned on, and inanimate when turned off. Icons on the screen will reflect the speed or state of the devices running on your spa. When an accessory has more than two states, press the button until it reaches the desired state.

Pump 1 key
Press **Pump 1** key to turn Pump 1 on at low speed. Press a second time to turn pump to high speed (with a dual speed pump). A third time turns pump off.
A built-in timer automatically turns pump off after 20 minutes, unless pump has been manually deactivated first.

Pump 2 key
Press **Pump 2** key to turn Pump 2 on at low speed. Press a second time to turn pump to high speed (with a dual speed pump). Pressing a third time turns pump off.
A built-in timer automatically turns pump off after 20 minutes, unless pump has been manually deactivated first.

Light key
Press **Light** key to turn light on / light off.
A built-in timer automatically turns light off after 2 hours, unless it has been manually deactivated first.

Water Temperature
The temperature shown at the top of the screen gives the actual water temperature.
Use the up/down button to set the desired temperature. The set point will appear in blue at the bottom. After 3 seconds without any change to the set temperature value, the keypad will resume normal display.

Settings
In this section you will find: Water Care, Audio (if installed), Maintenance, Date and Time, Keypad, Wi-Fi Config*, Restore*, About.

*Reserved for qualified electricians and installers. Use the arrow keys to move up and down, the light key to select. Press the settings key to go to home page.

Modifying Schedules
Use the **Arrow keys** to scroll through the selections. To see or modify a category use the lit button on the right (key 1) to open the selected menu. Use the arrow keys to choose a schedule to modify, the Light key to move between parameters. Once you have set the schedule use Key 1 to go back. In the water care option you will see the setting.

In.K 500 Series Control

Standard control for SE Series Spa Units

Water Care
To set up your desired filtration and heating settings press the **Light key**. A checkmark will appear on the selected icon to confirm. In energy saving mode the set point will be reduced by 20 degrees F, which means that the heating system will not be engaged unless the temperature falls to 20 degrees below the spa's set temperature.

Water care modes

Away:
In this mode the spa will always be in economry; the set point will be reduced by 20° F and filtration will be reduced.

Beginner:
The spa will never be in economy mode, and will run a normal 8 hours of filtration a day.

Energy Savings:
The spa will be in economy mode during the peak hours of the day and resume normal mode on the weekend.

Super Energy Savings:
The spa will always be in economy mode during peak hours, every day of the week.

Weekender:
The spa will be in economy mode from Monday to Friday, and will run normally on the weekend.

Audio
The audio selection in the settings menu gives you the option to disconnect or unpair your Bluetooth enabled device. It is also possible to select source to use a device connected by auxiliary cable or Bluetooth wireless connection.

Maintenance
From the settings page you can access the following options:
Maintenance reminders
Standby

Use the Up and Down keys to make a selection, press the Light key to confirm selection.

Maintenance Reminders
This will remind you of things like rinsing your spa or cleaning the filter. Each task has its own duration. The maintenance reminder menu will allow you to verify the time left before requirement and reset once complete.
Use the Up and Down key to move through the list. To reset a task select it by pressing the Light key.

Standby
This allows you to service your spa, the pumps will stop automatically for 30 minutes and automatically start back up after that duration. The screen will alert you when standby mode is enabled.
Press the Pump 1 key to leave standby mode and restart the spa.

Date and Time
Use the arrows to choose the setting that you would like to adjust and select it by pressing the Light key. Use the Arrow buttons to change the parameters and the Light key to move between parameters. Pressing Key 1 will take you back to the main settings menu.

Keypad Settings
Use the Arrow keys to move to the setting that you wish to change. Use the Light key to modify the selection. The display orientation can be changed by selecting the contextual options using the Arrow keys to adjust the orientation.

Topside Rim Light
Selecting this will turn on or off the topside rim light.

About
This selection shows information such as the software number and the revision numbers on the different components of your system.