DIGITAL SPASIDE CONTROL OPERATIONAL GUIDE

IN.K 450 DIGITAL CONTROL CENTER
(SE & AT Series Spas Purchased May 2008-Present)

Standby Mode key
Use **Standby** key to pause all pumps*.

Standby message
In order to warn the user, the "Stby" message is displayed during Standby mode.

Pump will stay turned on if there is a request for more heat.
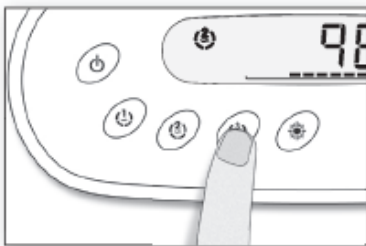
Pump 1 key
Press Pump 1 key to turn Pump 1 on at a low speed. Press a second time to turn pump to high speed. A third time turns pump off. A built in timer automatically turns pump off after 20 minutes, unless pump has been manually deactivated first.
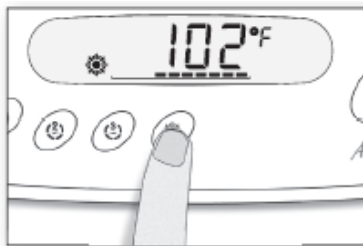
Pump 2 key
Press Pump 2 key to turn Pump 2 on. Press a second time to turn pump off. A built-in timer automatically turns pump off after 20 minutes, unless pump has been manually deactivated first.

Pump 3 key
Press Pump 3 key to turn Pump 3 on. Press a second time to turn pump off. A built-in timer automatically turns pump off after 20 minutes, unless pump has been manually deactivated first.
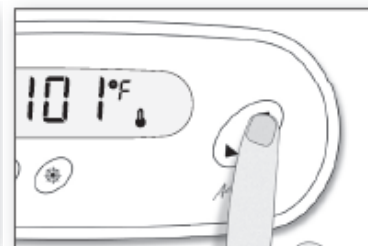
Light key
Press Light key to turn light on . Press a second time to turn the light off. A built-in timer automatically turns light off after 2 hours unless it has been manually deactivated first.

Up/Down keys
Use Up or Down key to set desired water temperature. The temperature setting will be displayed for 5 seconds to confirm your new selection.

The "Set Pint" icon indicates that the display shows the desired temperature, NOT the current water temperature!

Programming Mode
Use Light key to display time or enter Programming menu by pressing and holding key. In Programming mode, the following parameters can be set; time, filter cycle start time, filter cycle duration, filter cycle frequency, and temperature unit.

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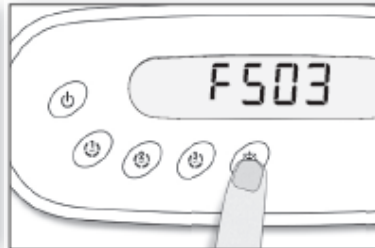### (SE & AT Series Spas Purchase May 2008-Present)

Setting the Time
Enter Programming mode by holding Light key pressed down for 3 sec. The display will show the current time setting.

Setting the hour: Use Up or Down arrows to change hour setting (AM/PM)

Setting the minutes: Press Light key a second time. Use Up or Down key to change minutes setting.
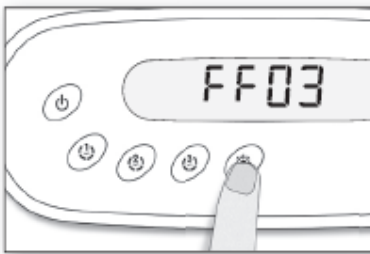
Setting the Filter Cycle Start Time
To program the filter cycle, you must enter these parameters: the start time, duration and frequency. During a filter cycle, pumps run for one minute to purge the plumbing, then Pump 1 runs for the programmed number of hours. Press Light key a third time. The display will show FSxx, with "xx" representing the starting hour. Use Up or Down key to change setting.

Setting Filter Cycle Duration
Press Light key a fourth time. The display will show Fdxx, with "xx" representing the duration in hours.

Use Up or Down key to change setting.

Filter Cycle Frequency
Press Light key a fifth time. The display will show FFxx, with "xx" representing the number of filter cycles per day (up to 4).
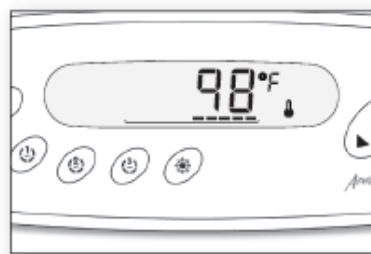
Use Up or Down key to change setting.

Setting Temperature Unit
Water temperature can be displayed in either Fahrenheit (°F) or Celsius (°C). Press Light key a sixth time. The display will show either °F or °C.

Use Up or Down key to change setting.

Water Temperature Regulation
In a regulation cycle, the system first generates water flow through the heater housing and the plumbing, in order to ensure accurate water temperature readings as well as avoiding heater activation in dry conditions.

After verifying pump activation and taking a water temperature reading if required, the system automatically turns the heater on to reach and maintain water temperature at Set Ping.

Smart Winter Mode
Our Smart Winter Mode protects your system from the cold by turning pumps on several times a day to prevent water from freezing in pipes.

Cooldown
After heating the spa water to the desired Set Pint, the heater is turned off, but its associated pump (Pump1 Low-speed or CP) remains on for a predetermined period of time to ensure adequate cooling of the heating element, this prologs its useful life. The heater icon flashes during this time.