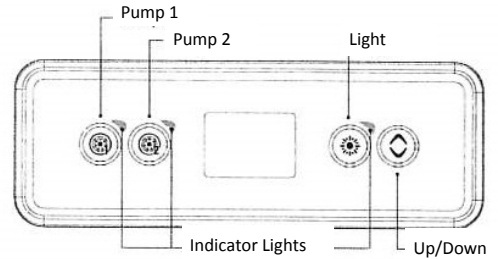
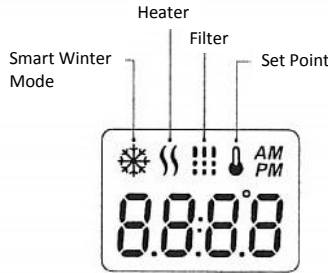


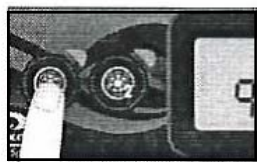
WARNING: READ ALL INSTRUCTIONS BEFORE USING THE SPA. PDC Spas, PDC International assumes no responsibility for personal injury or property damage sustained by or through the use of this product. When installing and using this equipment, basic safety precautions should always be taken to reduce risk of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

in.K300 Series Control



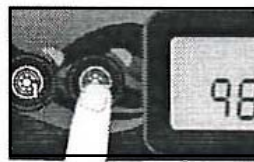
Off Mode

Press Pump1 for 5 seconds will enable the Off mode. This mode allows you to stop all outputs including auto functions such as filter cycle, heat request and smart winter mode for 30 minutes to perform quick spa maintenance. When Off mode is active, the display will toggle between the "Off" message, the clock and the water temp. The spa light will flash for a few seconds before the 30 minutes is up to warn you that the system is about to resume its normal operation. Press Pump1 or Pump2 to restart the system before the 30 minute delay expires. When the system resumes its normal operations, display shows "On" for 3 sec.



Pump 1

*Press Pump1 key to turn Pump1 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 deactivated manually first. The "Pump1" indicator lights up when pump2 is on. With a dual-speed pump, the indicator will flash when pump 1 is on low speed.



Pump 2 key

Not available on all models. Press Pump2 key to turn Pump2 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 deactivated manually first. The "Pump2" indicator lights up when pump2 is on. With a dual-speed pump, the indicator will flash when pump 2 is on low speed.



Light key

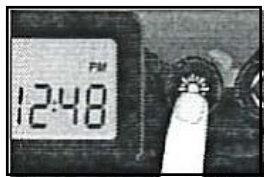
Press Light key to turn light on. A second press turns light off. A built-in timer automatically turns light off after 2 hours, unless it has been manually deactivated first. The "Light" indicator lights up when light is on.



Up/Down keys

Use the Up or Down key to set desired water temperature. The temperature setting will be displayed for 2 seconds to confirm your new selection. 2 pump spas have a combined Up/Down key. Hold the button to increase the parameter and release the button to stop. Hold the button again to decrease the parameter. Set Point icon indicates the display shows the desired temp, NOT current temp.

* If single speed pump, press Pump key to turn pump on. Press Pump key again to turn pump off.



Program menu

The program menu is accessible by holding down the Light key for 5 seconds. In the program menu the following parameters can be set: clock, filter or purge cycles, economy mode and temperature units. While you are in the program menus, use the Up or Down key to adjust the parameters and use the Light key to jump to the next parameter.

The changes will be saved after the confirmation of the last parameter only. If there is no action taken for 10 seconds, the system will exit the program menu without saving any changes.



Setting the clock

Enter the program menu by holding down the Light key for 5 seconds. The display will show the current clock setting with the our flashing. Depending on factory settings your system may be set to 24 hour or 12 hour time. Setting the hour: Use the Up or Down key to adjust the hours. Press the Light key to jump to the next parameter, the minutes.

Setting the minutes: Use the Up or Down keys to adjust the minutes. Press the Light key to jump to the next parameter, the filter or purge start time (FS).

Programming the filter/purge cycles

Depending on system configuration your spa will perform either a filter or a purge cycle. The filter cycle menu consists of the parameters: start time (FS), duration (Fd), frequency (FF). Purge cycle menu consists of: start time (FS), frequency (FF). A filter cycle consists of starting all pumps in high speed for 1 minute (purge step) then, pump associated with filter will run on low speed for remaining duration of filter cycle, clean step. A purge cycle is used when the spa is equipped with a 24 hr. circulation pump which provides a continuous clean step. It consists of starting all pumps on high speed for 1 minute.



Setting filter or purge cycle start time

The display will show FSxx, “xx” representing the starting hour of the cycle. Use the Up or Down key to adjust the hours. Use the Light key to jump to the next parameter, filter duration (Fd).



Setting filter cycle duration

(not available on purge systems)
The display will show Fdxx, “xx” representing the duration in hours of the filter cycle. Use the Up or Down key to adjust the duration. Use the Light key to jump to the next parameter, filter or purge frequency (FF)
0=no filtration
24=continuous filtration (0 not recommended)



Setting filter or purge cycle frequency

The display will show FSxx, “xx” representing the number of cycles per day. Use the Up or Down key to adjust the frequency. Use the Light key to jump to the next parameter, economy mode (EP)
The “Filter Cycle” indicator lights when filter is on and flashes when suspended.



Setting economy mode

The mode allows you to lower the temperature set point of the spa by 20°F (11°C) during a certain period of the day. The display will show EPx, the “x” representing the state of the programmed economy (0=disabled, 1=enabled). Use the arrow keys to enable or disable economy mode. Use the Light key to jump to the next parameter, economy start time (ES).



Setting economy start time

The display will show ESxx, “xx” representing the hour at which the economy mode becomes active. Use the Up or Down key to adjust the hour. Use the Light key to jump to the next parameter, economy duration (Ed). When the Economy mode is ON, the display will toggle between the “Eco” message, the time, and the water temperature.



Setting economy duration

The display will show ESxx, “xx” representing the duration in hour of the economy mode. Use the Up or Down key to adjust the hour. Use the Light key to jump to the next parameter, temperature unit. 24=continuous economy



Setting filter or purge cycle start time

The display will show FSxx, “xx” representing the starting hour of the cycle. Use the Up or Down key to adjust the hours. Use the Light key to jump to the next parameter, filter duration (Fd).



Setting filter or purge cycle start time

The display will show FSxx, “xx” representing the starting hour of the cycle. Use the Up or Down key to adjust the hours. Use the Light key to jump to the next parameter, filter duration (Fd).

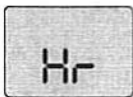
Cooldown

The display will show FSxx, “xx” representing the starting hour of the cycle. Use the Up or Down key to adjust the hours. Use the Light key to jump to the next parameter, filter duration (Fd).

Water Temperature Regulation

The display will show FSxx, “xx” representing the starting hour of the cycle. Use the Up or Down key to adjust the hours. Use the Light key to jump to the next parameter, filter duration (Fd).

Troubleshooting Reference



Hr
An internal hardware error has been detected. Contact dealer or service provider.



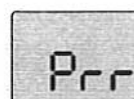
HL
The system has shut down the heater because the temperature at the heater has reached 119°F (48°C). Do not enter the water! Remove the spa cover and allow the water to cool down, then shut power off and power your spa up again to reset the system.



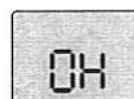
AOH
Temperature inside the spa cabinet is too high, causing the internal temperature in the power unit to increase above normal limits. Open cabinet sidewall and wait until error clears.



FLO
The system does not detect any water flow while the primary pump is operating. Check and open water valves. Check for water level. Clean filter. If the problem persists, call your service supplier.



Prr
A problem is detected with the temperature probe. Call your service supplier.



OH
The water temperature in the spa has reached 108°F (42°C). Do not enter the water! Remove the spa cover and allow the water to cool down to a lower temperature. Call your service supplier.