



Quick Reference Card

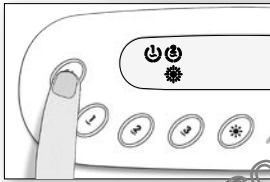
in.k400

series of compact full-function keypads
for in.xm spa systems



The Quick Reference Card provides a quick overview of your spa's main functions and the operations accessible with your digital control pad.

Spa functions



On/Off key

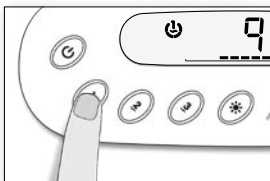
Depending on the spa manufacturer, this key may have different functions: On/Off, Standby mode or quick enable of the Economy mode.

Standby Mode - Use **On/Off** key to pause all pumps*. Progress bar will display the remaining time before the system automatically exits Standby mode (user can also exit Standby mode at any time by pressing again on **On/Off** key).



In order to warn the user, the spa light will flash for a few seconds before the exit of Standby mode and restart the pumps. The "Stby" message is also displayed during Standby mode.

* Pump will stay turned on if there is a request for more heat.

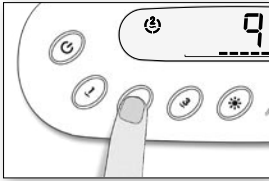


Pump 1 key

Press **Pump 1** key to turn Pump 1 on at low speed. Press a second time to turn pump to high speed (with a dual-speed pump). A third time turns pump off.

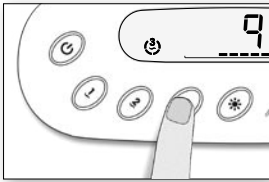
A built-in timer automatically turns pump off after 20 minutes, unless pump has been manually deactivated first.





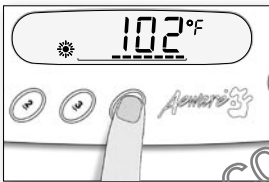
Pump 2 key

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). A third time turns pump off. A built-in timer automatically turns pump off after 20 minutes, unless pump has been manually deactivated first.



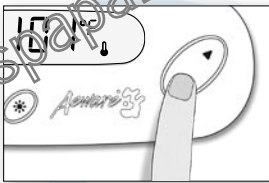
Pump 3/Blower key

Press **Pump 3/Blower** key to turn Pump 3/Blower 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 at high intensity. Subsequent presses change light intensity. A last press turns light off. A built-in timer automatically turns light off after 2 hours, unless it has been manually deactivated first.



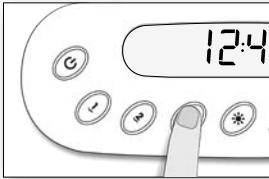
Up/Down keys

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 Point" icon indicates that the display shows the desired temperature, NOT the current water temperature!



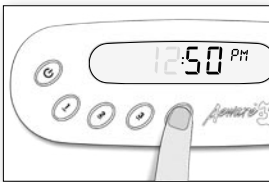
Programming steps



Program key

Use **Program** 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.

Note: Light key is used as Program key if this key is not present.



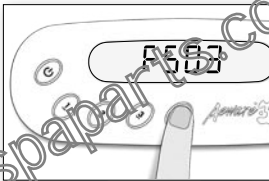
Setting the time

Enter Programming mode by holding Prog. 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).

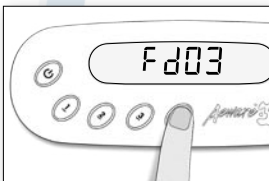
Setting the minutes: Press **Prog.** key a second time.

Use **Up** or **Down** key to change minutes setting.



Setting filter cycle start time

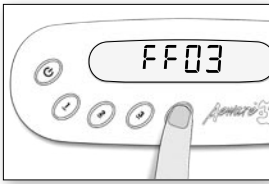
To program the filter cycle, you must enter these parameters: the start time, duration and frequency. During a filter cycle, pumps run for one minute to purge the plumbing, then Pump 1 runs for the programmed number of hours. Press **Prog.** key a third time. The display will show FSxx, with "xx" representing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



Setting filter cycle duration

Press **Prog.** key a fourth time. The display will show Fdxx, with "xx" representing the duration in hours.

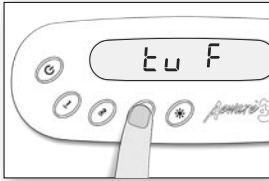
Use **Up** or **Down** key to change setting.



Filter cycle frequency

Press **Prog.** key a fifth time. The display will show FFxx, with "xx" representing the number of filter cycles per day (up to 4).

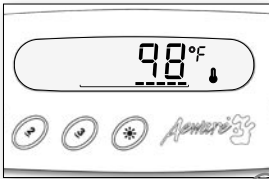
Use **Up** or **Down** key to change setting.



Setting temperature unit

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

Use **Up** or **Down** key to change setting.



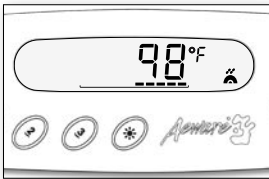
Water temperature regulation

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 Point.

Cooldown

While performing these tasks, the heater is not allowed to turn on and its icon flashes. The heater is not allowed also to come on throughout the cool down period of the heater element.



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.

