Quick Reference Card

Please consult your spa user manual for complete info on the features of your spa system.

in.k300™
Compact full-function keypad

The Quick Reference Card provides an overview of your spa’s main functions and the operations accessible from your digital keypad. This QRC depicts a generic overlay; custom versions may vary.

Description

- **Smart Winter Mode**: The Spa will begin going into smart winter mode for the duration of the hours set. During this time, the Spa will perform all the cycles and maintain the water temperature. To exit Smart Winter mode, press and hold Pump 1 for 5 seconds.

- **Filter Cycles**: The filter cycle menu consists of the following parameters: the start time (FS) and the duration (FD). A filter cycle is used when the filter needs to be cleaned. The filter will run in low speed for 1 minute (purge step) then, 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.

- **Light Setting**: The “Light” indicator lights up when Pump 2 is on. With a dual-speed pump, the indicator will flash when pump 2 is on at low speed.

Spa Functions

- **Off Mode**: Pressing Pump 1 for 5 seconds will deactivate Off mode. This mode allows you to stop all outputs including automatic 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 temperature. The spa light will flash for a few seconds before the end of the 30 minutes to warn you that the system is about to resume its normal operation. Press Pump 1 or Pump 2 (if available) to restart the system before the expiration of the 30 minute delay. When the system resumes its normal operation, the display shows “OFF” for 3 seconds.

Programming Steps

**Program menu**: The program menu is accessible by holding down the Light key for 3 seconds. In the program menu the following parameters can be set: clock, the filter or purge cycles, economy mode and temperature units. While you are in the program menu, 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 hour flashing. Depending on factory settings your system may be set to 24-hour time or 12-hour time. Setting the hour: Use the Up or Down keys 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 following parameters: the start time (FS), the duration (FD) and the frequency (FF). The purge cycle menu consists of the following parameters: the start time (FS) and the frequency (FF). A filter cycle consists of starting all the pumps and blower in high speed for 1 minute (purge step) then, the pump associated with the filter will run in low speed for the remaining duration of the filter cycle (clean step). A purge cycle is used when the spa is equipped with a 24 hour circulation pump which provides a continuous clean step. It consists of starting all the pumps and blower in high speed for 1 minute.

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

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Setting filter or purge cycle start time
The display will show FXX, “x” 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 duration
(Not available on purge systems)
The display will show FXX, “x” 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 (FP).

0 = no filtration
24 = continuous filtration

It is not recommended to set this to “0”.

Setting filter or purge cycle frequency
The display will show FXX, “x” 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 up when filter is on and flashes when suspended.

Setting economy mode
This 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, “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).

Note that the parameters for the economy mode settings are associated to specific low-level configuration of the system that are not present in all software revisions.

Setting economy start time
The display will show EPXX, “x” representing the hour at which the economy mode will become 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 EPXX, “x” representing the duration in hours 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

Troubleshooting section
Should an error occur, the display will show one of the following error messages toggled with the clock and the water temperature.

<table>
<thead>
<tr>
<th>in.xe error codes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hr</td>
<td>An internal hardware error has been detected in the in.xe. Contact dealer or service supplier.</td>
</tr>
<tr>
<td>HL</td>
<td>The system has shut the heater down 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.</td>
</tr>
<tr>
<td>AOH</td>
<td>Temperature inside the spa skirt is too high, causing the internal temperature in the in.xe to increase above normal limits. Open skirt and wait until error clears.</td>
</tr>
<tr>
<td>FLO</td>
<td>The system does not detect any water flow while the primary pump is running. Check and open water valves. Check for water level. Clean filter. If the problem persists, call your dealer or service supplier.</td>
</tr>
<tr>
<td>Prr</td>
<td>A problem is detected with the temperature probe. Call your dealer or service supplier.</td>
</tr>
<tr>
<td>OH</td>
<td>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 dealer or service supplier if problem persists.</td>
</tr>
</tbody>
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