

Automatic Heating/Filtration

The XS-2000's intelligent software constantly monitors the spa water, automatically controlling the heater and circulation pump to ensure the desired set water temperature is maintained and required level of daily filtration achieved. The user can adjust the set temp point from 5°C - 40°C (Default: 38°C).

Display Modes

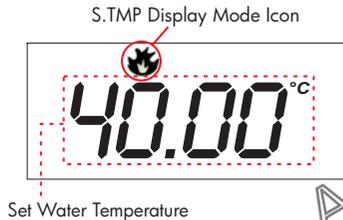
The XS-2000 has three possible display modes:

1. W.TMP Water Temperature (actual)
2. S.TMP Set Temperature
3. TIME Time Clock

The default display mode is **S.TMP** (refer below). Each mode has a different icon to indicate the display mode being viewed.

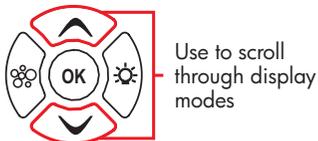
Default Display

Set Temperature (S.TMP)



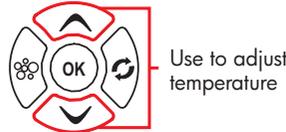
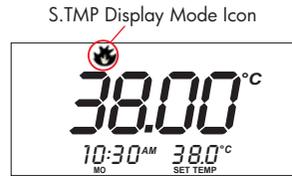
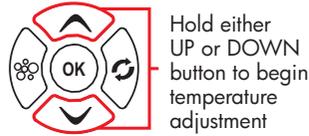
If the optional In-Pool Temperature Sensor is connected the default display mode is usually set to **W.TMP** (Water Temperature).

Press the **UP** and **DOWN** buttons to scroll through the different display modes. As you scroll through each mode a brief title screen is shown followed by the actual display mode.



Adjusting Set Temperature

Unless adjusted the XS-2000 will automatically heat to and maintain the default temperature of 38°C. This set point can be adjusted from 5°C - 40°C in steps of 0.2°C increments.

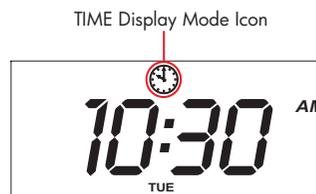


Time Clock Display Mode

To help monitor the time spent in the spa the XS-2000 features a time clock display mode (refer below). The time clock can be displayed in 12 or 24 hour format (refer: Setting the Time Clock) and displays current day and time. To view use the **UP** and **DOWN** buttons to toggle the screen to the **TIME** (🕒) display mode.

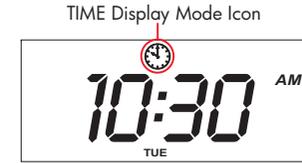
Time Display

Time Clock (TIME)



1. **HOLD** the **UP** or **DOWN** button to begin adjusting the set temperature.
2. The screen will toggle to the **S.TMP** (🔥) display mode and the set temperature point will begin adjusting. The digits will flash indicating adjustable set temp mode.
3. Use the **UP** and **DOWN** buttons to adjust the set temperature to your desired setting.
4. Press **OK** to confirm and save the new setting.

Setting the Time Clock



1. Use the **UP** and **DOWN** button to toggle the screen to the **TIME** (🕒) display mode.
2. Press the **OK** button to adjust the current time.
3. The screen will then prompt for selection of 12 or 24 hour format. Use the **UP** and **DOWN** buttons to select the correct setting and press **OK** to confirm. Repeat step 3 to set day / hours / minutes.



Diagnostics / Error Codes

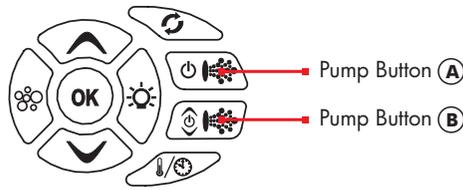
Please note most error conditions require the spa control to be powered **OFF** and then back **ON** before the error is cleared.

	Scrolling Message	Description
1		All systems are fine.
2	"ER-2 HEATER PLUG"	Heater sensor cable fault Check that the heater sensor lead is plugged into the spa control
3	"ER-3 WATER PRIME"	Water prime failed Press Pump A to retry the water prime Check: Spa water level (refill if necessary)
4	"ER-4 THERMAL TRIP"	Heater thermal trip operated Turn power off and wait approx. 10 min then turn power back on. Check: low water flow through the heater, pump not running, clogged filter, valves not fully open
5	"ER-5 POOL TOO HOT"	Pool over temperature Temperature sensor reading = > 45°C Turn power off and allow spa to cool Check: Daily filtration time – reduce setting
6	"ER-6 HEATER SENSOR"	Heater sensor failure Contact your local dealer or spa reseller
7	"ER-7 POOL SENSOR"	In-pool temperature sensor unable to communicate with spa control Contact your local dealer or spa reseller
8	"ER-8 CONTROLLER"	Internal controller fault detected Contact your local dealer or spa reseller

WATER CHEMISTRY MAINTENANCE: It is your responsibility to regularly check and maintain the chemical water balance of the spa pool to ensure it remains within reasonable pH (acid/alkaline) limits => (7.4 - 7.6 pH). Unbalanced water chemistry greatly accelerates corrosion and may lead to early product or component failure. Product or component failures caused as a result of poor water chemistry maintenance will NOT be covered by the SpaNET™ Product Warranty.

Pump Operation

There are two pump buttons on the right hand side of the touch pad. Button-A and Button-B (refer aside).



The functions of the two buttons change depending on pump / controller configuration. The intention is to make best possible use of these buttons for all possible configurations. For every press of a pump button, the display will temporarily show the selected pump state: **ON / OFF / LOW / HIGH / AUTO** then revert to the default display mode. All possible pump configurations & button sequences are referenced in the table below. (Please tick your spa configuration for ease of future reference). If left ON pumps will automatically time-out after 20 mins.

Tick	Spa Configuration	Button A	Button B
	No small circ pump Pump 1 = 1 speed	Jet pump 1 : On / Off / Auto	No Function
	No small circ pump Pump 1 & 2 = 1 speed	Jet pump 1 : On / Off / Auto	Jet pump 2 : On / Off
	No small circ pump Pump 1 = 2 speed (P2 N/A)	Jet pump 1 : Low / Off / Auto	Jet pump 1 : High / Low
	Small circ pump fitted Pump 1 = 1 speed	Jet pump 1 : On / Off	No Function
	Small circ pump fitted Pump 1 & 2 = 1 speed	Jet pump 1 : On / Off	Jet pump 2 : On / Off
	Small circ pump fitted Pump 1 = 2 speed (P2 N/A)	Small circ pump : On / Off / Auto	Jet pump 1 : Low / High / Off

Note: In some configurations if heater is ON activating multiple pumps OR turning the blower ON may cause the spa control to load shed and turn heater OFF. This is to keep the system within its maximum power load.

Blower Operation

Press the **BLOWER** (☼) button to toggle the blower **ON / OFF**. The button is backlit green to indicate when the blower is ON.



Press to toggle ON / OFF

Oscillating Mode (RAMP) - Model Dependant

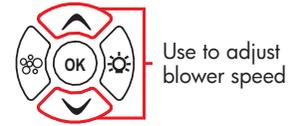
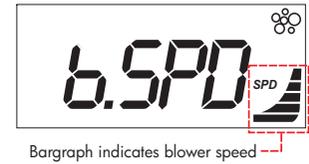
Some XS-2000 models feature **RAMP** blower mode. If RAMP mode is available the **BLOWER** (☼) button will toggle as follows: **ON / RAMP / OFF** (where ON = high speed). If RAMP mode is selected the blower speed is continually ramped between low and high speeds. To access RAMP mode press the **BLOWER** (☼) button twice when the blower is first turned ON. The display will show ON on the first button press and then RAMP on the second press. Once running a further press of the **BLOWER** (☼) button will turn the blower OFF.

Inactivity Timer: If spa in manual use blower will time-out 20 mins after the last button press

Variable-Speed Mode (VARI) - Model Dependant

If you have purchased the XS-2000V spa control your system features a variable-speed blower. When the blower is first turned ON it displays its operating mode (ie VARI) and then shows the **B.SPD** (blower speed) adjustment screen where the bar graph illustrates current speed (refer aside pic). Whilst the **B.SPD** screen is displayed use the **UP** and **DOWN** buttons to adjust the blower speed. Once your desired speed has been selected press the **OK** button to confirm or wait for the 10 second **B.SPD** screen time out. The **B.SPD** screen is only shown when blower first turned ON. To adjust speed when blower is running you must turn the blower OFF and back ON again. However if you have the model with both VARI and RAMP modes your blower button will now toggle as follows: **VARI / RAMP / OFF**. When the blower is OFF a single press of the **BLOWER** (☼) button turns the blower ON in VARI mode, a double press starts the blower in RAMP mode. Once running in either mode a further press of the **BLOWER** (☼) button will turn the blower OFF.

- Notes:**
- The last selected blower speed is automatically updated as the preferred setting and used as the default speed when blower next used.
 - Inactivity Time-out: If spa in manual use the blower will time-out 20 minutes after the last press of any touch pad button.



Light Operation

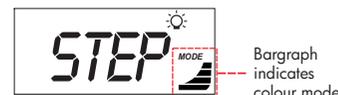
The colour LED spa light has many features and adjustments. The operation of these features are described below.

Light ON / OFF

Press (☼) to toggle light **ON** and **OFF**. The button is backlit green to indicate when light is ON. When light first turned **ON** the **L.MOD** (light mode) adjustment screen is displayed for 10 secs (refer below).

Light COLOUR MODE

The **L.MOD** (light mode) menu is displayed when light first turned ON. The current light mode will be displayed. Use the **UP** and **DOWN** buttons to step through the four colour modes (**WHITE / U.CLR / FADE / STEP**). Press **OK** to confirm selection & continue to **Light Speed / Colour** menu or wait for the 10 sec idle menu timeout where the screen steps to the Light Speed / Colour menu by itself.



Light SPEED / COLOUR

The **L.SPD** (light speed) / **U.CLR** (user colour) menu is activated after the light mode menu has been displayed (refer pics below). The current light speed OR colour number will be shown. Use the **UP** and **DOWN** buttons to adjust the light speed / select from 20 colour choices. Press **OK** to confirm selection and continue to **L.BRT** (light brightness) adjustment or wait for the 10 sec menu timeout where the screen steps itself to the **L.BRT** menu.



Light BRIGHTNESS

The **L.BRT** (light brightness) menu is used to adjust the light's brightness. Use the **UP** or **DOWN** buttons to adjust.



Special Function Buttons

TOGGLE Display

This is a shortcut key designed to quickly switch between **W.TMP** and **TIME** display modes. Press to toggle between the two display modes.

OneTOUCH Clean

Press once after spa use to activate a sanitisation & clean up cycle to restore and refresh water quality. If cycle running, cycle can be cancelled by pressing the **OneTOUCH** button again.

Key Lock

Whilst the default display mode is shown press and hold **UP + DOWN + PUMP A** (☼ + ☼ + ☼) for 2 secs to **LOCK** pad. Repeat the button sequence to **UNLOCK** and restore button functions.