

Automatic Heating/Filtration

The XS-3000'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

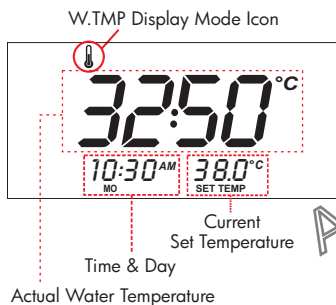
The XS-3000 has four possible display modes:

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

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

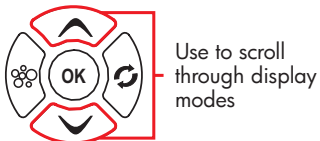
Default Display

Water Temperature (W.TMP)



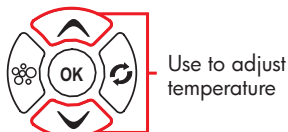
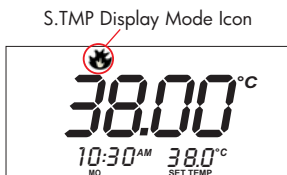
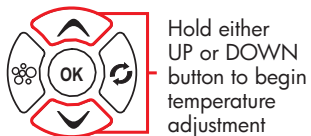
If the optional In-Pool Temperature Sensor is NOT connected the default display mode is usually set to **S.TMP** (Set Temperature).

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-3000 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.



Timer Mode

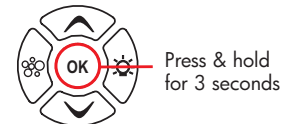
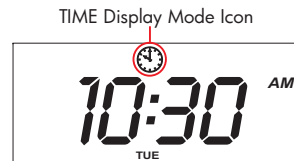


3. The countdown time period will begin to flash. Use the **UP** and **DOWN** buttons to select your desired time period. Press **OK** to confirm and begin countdown => at expiry of time period the alarm will emit 15 beeps and then turn off.

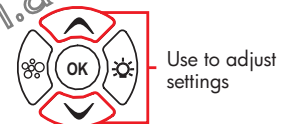
Note: The Timer icon is displayed in ALL display modes when in use. The TIMR screen will timeout after 10 secs and revert to the default display mode. The Timer can be cancelled at any time by returning to the TIMR display mode (countdown will be shown) and pressing the OK button.

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

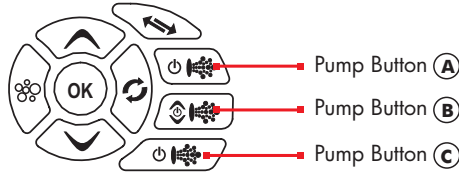
Please note most error conditions require the spa control to be powered **OFF** and then back **ON** before the error is cleared.

	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 three pump buttons on the right hand side of the touch pad. Button-A, Button-B and Button-C (refer aside).



The functions of the three 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	Button C
	No small circ pump P1 & P2 = 1 speed	Jet pump 1 : On / Off / Auto	Jet pump 2: On / Off	No Function
	No small circ pump P1, P2 & P3 = 1 speed	Jet pump 1 : On / Off / Auto	Jet pump 2: On / Off	Jet pump 3: On / Off
	No small circ pump P1 = 2 speed	Jet pump 1 : Low / Off / Auto	Jet pump 1: High / Low	No Function
	No small circ pump P1 = 2 speed, P2 fitted	Jet pump 1 : Low / Off / Auto	Jet pump 1: High / Low	Jet pump 2: On / Off
	Small circ pump fitted P1 & P2 = 1 speed	Small circ pump : On / Off / Auto	Jet pump 1: On / Off	Jet pump 2: On / Off
	Small circ pump fitted P1, P2 & P3 = 1 speed	Jet pump 1 : On / Off	Jet pump 2: On / Off	Jet pump 3: On / Off
	Small circ pump fitted P1 = 2 speed	Small circ pump : On / Off / Auto	Jet pump 1: Low / Off / High / Low	Jet pump 1: High / Low
	Small circ pump fitted P1 = 2 speed, P2 fitted	Small circ pump : On / Off / Auto	Jet pump 1: Low / High / Off	Jet pump 2: On / 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.

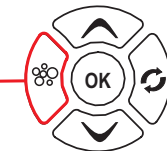
Blower Operation

The XS-3000 features a variable speed blower. Press the **BLOWER** (☼) button to toggle the blower **ON / OFF**. The button is backlit green when the blower is ON.

Variable-Speed Mode (VARI)

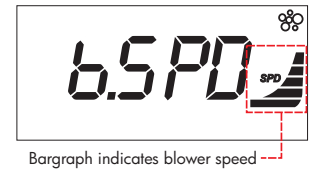
When the blower is first turned on the screen displays its operating mode (ie VARI) and then switches to the **B.SPD** (blower speed) adjustment screen where the bar graph illustrates current speed (refer picture top right). Whilst the **B.SPD** screen is displayed use the **UP** and **DOWN** buttons to adjust the blower speed. Once your desired speed has been selected

Press to toggle
ON / OFF



press the **OK** button to confirm or wait for the 10 second **B.SPD** screen time out where the screen reverts to the default display mode. The blower speed (**B.SPD**) adjustment screen is only shown when the blower is first turned ON. To adjust the blower speed once the blower is already running you must turn the blower OFF and then back ON to get to the **B.SPD** adjustment.

Note: The last used blower speed will be remembered and used as the default speed the next time the blower is turned on in this mode.



Bargraph indicates blower speed



Use to adjust blower speed

Oscillating Mode (RAMP) - Model Dependant

Some XS-3000 models feature **RAMP** blower mode. If RAMP mode is available the **BLOWER** (☼) button will toggle as follows: **VARI / RAMP / OFF**. 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 VARI 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



Blower mode display screen

Light Operation

Three light buttons are used to control the many features of the colour LED spa light. The button functions are described below.

Light ON / OFF

Press to toggle light **ON** and **OFF**. The button is backlit green to indicate when the light has been turned on. The backlight turns off with the light.

Light COLOUR MODE

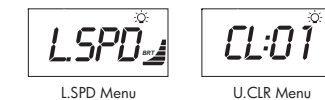
Press to activate the **L.MOD** (light mode) menu. The current light mode will be displayed (refer below). Use the **UP** and **DOWN** buttons to step through the five colour modes (**WHITE / U.CLR / FADE / STEP / PRY**). Press **OK** to confirm selection and exit menu or wait for the 10 sec idle menu timeout where the screen reverts to the default display mode.



Bargraph indicates colour mode

Light SPEED / COLOUR

Press to activate the **L.SPD** (light speed) / **U.CLR** (user colour) menu. The current light speed OR colour number will be displayed (refer below). Use the **UP** and **DOWN** buttons to adjust the light speed OR select from 30 colour choices. Press **OK** to confirm selection or wait for the 10 sec idle menu timeout where the screen steps to the **L.BRT** (light brightness) adjustment. (**Note:** If **WHITE** mode is selected this button has NO function).



L.SPD Menu

U.CLR Menu

Light Brightness (L.BRT)

Whilst this menu is displayed use the **UP** or **DOWN** button to adjust light brightness.



Bargraph indicates brightness

Special Function Buttons

INVERT Display

Press to **INVERT** display 180° for ease of use when in spa. The **UP** and **DOWN** button functions also invert to match the new display.

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.