spanet

SV4
QUICK REFERENCE GUIDE

DISPLAY MODE ICONS

🌡 Water Temperature

🔥 Set Temperature

🕘 Clock

MENU ICONS

🌙 Sleep timer menu icon

☀ Light menu icon

❀ Blower menu icon

STATUS ICONS

🔒 Keypad locked

🔄 Sanitise cycle operating

◔ Filtration cycle operating

🛠 Fault condition has occured

UP BUTTON

Short single presses toggle through the three display modes: W.TMP = Water Temperature, S.TMP = Set Temperature, TIME = Clock.

Holding the button will force the controller to begin adjusting the set temperature and will raise the set temperature point.

Also used for adjusting settings.

LIGHT (ON/OFF) BUTTON

Used to toggle spa lights on/off.

LIGHT SPEED / COLOUR

Press to activate light speed or user colour selection menus. Use up & down buttons to adjust.

OK BUTTON

Used to confirm and save setting adjustments or to enter setting adjustment menus.

INVERT SCREEN BUTTON

Press to flip screen 180° for easy viewing when spa in use.

AUTOMATIC INDICATOR LED

This LED will turn on whenever the filtration pump is in automatic mode.

HEATER INDICATOR LED

This LED will turn on when the heater or heat pump (if fitted) is operating.

SANITISER INDICATOR LED

This LED will turn on to indicate that the ozone or uv sanitiser unit is operating (if fitted).

SLEEP TIMER INDICATOR LED

This LED will turn on when the controller is in a sleep mode.

PUMP (A, B, C, D) BUTTONS

Used to toggle the filtration pump and / or any additional jet pump(s) on / off (if fitted).

BLOWER BUTTON

Press to toggle blower on/off. A single press turns blower on in vari-speed mode. Use up & down buttons to vary speed. A double press activates the ramping mode.

SANITISE BUTTON

Press once to activate a 20 min sanitisation and clean up cycle to refresh water quality after spa use. A second press will cancel the cycle if already running.

DOWN BUTTON

Short single presses toggle through the three display modes: W.TMP = Water Temperature, S.TMP = Set Temperature, TIME = Clock.

Holding the button will force the controller to begin adjusting the set temperature and will lower the set temperature point.

Also used for adjusting settings.

ECO FRIENDLY

POWER SMART

▶ CHANGING LIGHT MODES

When light is first turned on the display will show current light mode in use.

Press ⌃ or ⌄ button to step through choice of light modes:

WHTE	White Light
UCLR	User Colour
FADE	Fade Effect
STEP	Step Effect
PRTY	Party Effect

▶ CHANGING LIGHT SPEED OR LIGHT COLOUR

Dependant on light mode selected the Light (spd/clr) button ☼ (SPD/CLR) will activate one of three light mode option screens.

CL:xx	User Colour Number
L.SPD	Light Transition Speed
L.BRT	Light Brightness

Press ⌃ or ⌄ button to adjust each setting.

Press OK button to save each setting and move to the next setting.

Note: All light settings are saved for future ON / OFF use.

▶ FULL KEYLOCK

Press and hold this button combination until LOCK appears on the display:

⌃ + ⌄ + (pump)
up   down   pump **a**

Repeat button combination to unlock.

Note: Once locked if any button is pressed the key stroke will be ignored and the display will show LOCK.

▶ PARTIAL KEYLOCK

Press and hold this button combination until LOCK appears on the display:

⌃ + ⌄ + (pump)
up   down   pump **b**

Repeat button combination to unlock.

Note: Once locked only pumps, blower, light and sanitise buttons can be used. Access to all other buttons is disabled.

▶ SETUP MENU

The setup menu allows customisation of the adjustable controller settings. Menu access and item adjustments are carried out as follows:

Press and hold ⌃ and ⌄ buttons <u>together</u> until [MODE] is displayed.

Press ⌃ or ⌄ to navigate through setup menu items.

Press OK to enter item adjustment.

Press ⌃ or ⌄ to adjust setting.

Press OK to confirm setting and exit.

All setup menu items follow the same adjustment procedure. Menu items that can be adjusted are as follows:

[MODE] OPERATING MODES

Operating modes effect heating and filtration behaviour. The choices are:

NORM	Normal heating & filtration
ECON	Heating only during filtration
AWAY	Heating disabled. Filtration reduced to 1hr p/day.
WEEK	Mon-Thu (works like AWAY mode) Fri-Sun (works like NORM mode)

[FILT] DAILY FILTRATION TIME

Adjust the hours of filtration per day. Filtration limits differ for type of pump:

Circ Pump (2A or less)	1-24 hrs
Jet Pump (2spd or 1spd)	1-8 hrs

[F.CYC] FILTRATION CYCLES

This setting defines how often filtration cycles occur. Filtration can be set to run every 1/2/3/4/6/8/12 or 24 hrs

[SNZE] SLEEP TIMERS

Used to disable automatic heating and filtration during certain times of day or night. Upon entering SNZE menu there are four choices:

1.SNZ	Sleep Timer #1
2.SNZ	Sleep Timer #2
R.SET	Reset timers to default
EXIT	Exit sleep timer menu

Only one sleep timer needs to be set however two timers are provided to facilitate different sleep settings on different days. Each sleep timer setting consists of a week day setting, start time and stop time (refer below).

x.DAY	Day(s) of operation
x.BGN	Sleep timer begin time
x.END	Sleep timer end time

Use the Up, Down & OK buttons to adjust and confirm each setting.

[P.SAV] POWER SAVE (off peak)

Reduce operating costs by limiting filtration and heating to occur during cheaper off peak power periods. There are three P.SAV modes:

OFF	P.SAV disabled
LOW	Off-peak filtration only
HIGH	Off-peak filtration & heating

Once P.SAV mode is selected the begin and end times of the PEAK power tariffs must be set so the control knows NOT to operate during those peak hours.

BGN	Peak power begin time
END	Peak power end time

[W.CLN] AUTOMATIC SANITISE

Adjust the start time of the 10 minute automatic daily sanitise cycle. Setting can be adjusted from 0:00 to 23:59.

[D.DIS] DEFAULT DISPLAY MODE

Used to adjust the default display mode shown on the keypad. Setting choices:

W.TMP	Water Temperature
S.TMP	Set Temperature
TIME	Clock

[T.OUT] LOAD TIME OUTS

All accessory loads (pumps & blowers) automatically turn off after a time out period has elapsed. Adjust the time out period from 10-60 minutes.

[H.PMP] HEAT PUMP MODE

Defines heat pump operating mode:

AUTO	Heat & Cool
HEAT	Heat Only
COOL	Cool Only
OFF	Heat Pump Disabled

[H.ELE] ELEMENT BOOST

Enables/disables SV electric element to boost heat pump heating if the water temperature is 2°C or more below set temperature point OR the heat pump has been operating for more than 1hr.

OFF	Element disabled (heat pump only)
ON	SV element + heat pump