

Miscellaneous:

Important: Before using check that the Spa Pool has been connected to a suitable weather protected outlet socket and double pole isolating switch with ratings as specified on the name plate of the control box. **Do not run this appliance on an extension lead.**

LCD brightness (contrast) can be adjusted by holding down the Display button and the Up or Down button. To lighten the display hold down the Display button and the Up button. To darken the display hold down the Display button and the Down button.

The control panel normally beeps every time a button is pushed. These beeps can be switched off by holding down the Up button and simultaneously pushing the Light button. To switch the beeps on again repeat the above.

The display normally automatically returns to displaying the pool temperature. The display can be made to stay on time by first pushing the Display button until time is shown and then pressing the Down button. The temperature display can be restored at any time by pushing the Display button.

For accurate temperature readings it is advisable to run the pump for several minutes in Manual mode to mix up the pool water.

In the event of electrical interference this unit automatically resets to a pre-determined safe state.

Error codes :

- 01 - Stuck button
- 02 - No controller data
- 03 - Temperature sensor
- 04 - Water sensor
- 05 - Pool over temperature
- 06 - Heater thermal cutout
- 07 - Stuck heater relay
- 08 - Not used
- 09 - Water prime failed

Warning:

If the unit is fitted with a supply cord and it gets damaged, the unit must be returned to the manufacturer or approved service agent or similarly qualified person to be repaired.

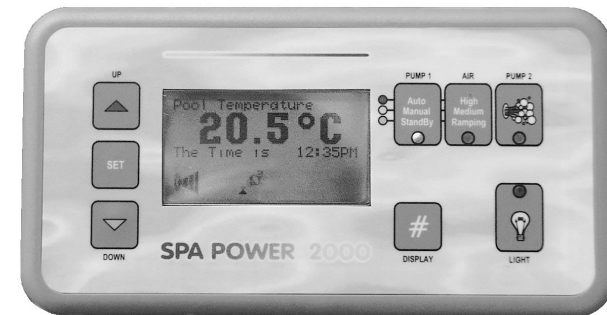
QuickSpaPwr2000



Dealer Stamp:

QUICK CARD USER GUIDE SPA POWER 2000 SPA CONTROLLERS

Please read these instructions carefully



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Spa Power 2000 User Guide

Thank you for purchasing a Spa Power 2000 spa control system. This booklet will tell you all you need to know to use the system to get the best out of your spa. The Spa Power 2000 is the top of the line controller from Spa-Quip and includes ground breaking sensor and display technology.

1: Pump1 Button

Pushing this button selects the main operating modes of the spa system and controls the main circulation pump (Pump1). The mode and pump speed selected by this button are shown for a few seconds on the LCD display as well as being indicated by an LED. An LCD icon also indicates when Pump1 is on.

- 1) **Auto Mode** (red LED) is the default start up mode where the pump, heating and filtration are automatically controlled.
- 2) **Manual Mode** (orange LED) is used to switch on Pump1 even when the system is asleep. The heating will turn on and off automatically as required in this mode. Pump1 may have two speeds. The first position is low speed with the LED flashing and the second is high speed with the LED steady.
- 3) **Standby Mode** (green LED) is used to turn Pump1 off for quiet relaxation.

Notes:

- 1) The Manual and Standby modes will automatically revert to Auto mode after a preset time (default is 90 minutes).
- 2) If additional filtration time is desired then pushing the button for Manual mode will give an additional period of filtration which will time out by itself when the system returns to Auto mode.
- 3) There is a time delay of a few seconds between the pump switching on and the heater switching on, and between the heater switching off and the pump switching off.

2: Air Button

The Air button controls the air blower. It has three settings. Successive pushes select high speed (red LED), medium speed (orange LED) and Blower ramping up and down in speed (green LED). An LCD icon also indicates when the Blower is on.

3: Pump2 Button

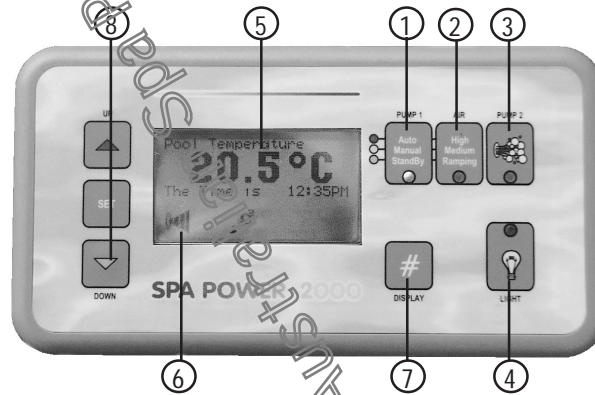
This button controls the booster pump. An LED and an LCD icon indicate when the pump is on. If a two speed pump is fitted then the LED is red for high speed and green for low speed.

4: Light Button

This button controls the pool Light. A green LED and an LCD icon indicate when the Light is on.

Note:

There is an automatic timeout of the Blower, Pump2 and Light. All three will automatically switch off together 30 minutes after the last push of any of their buttons. This ensures that proper automatic pool maintenance is resumed if any are left on by accident.



5: Liquid Crystal Display

The backlit LCD Display can display five different quantities...







- 1) The currently sensed pool temperature.
- 2) The set temperature (target pool temperature)
- 3) The current time of day
- 4) The sleep start time (time to enter sleep mode)
- 5) The sleep stop time (time to wake from sleep mode)

It can also show diagnostic error numbers in a fault condition.

The top line of text on the display states which quantity is currently being shown on the main numeric display, eg pool temperature or current time. The line of text below the main numeric display shows the current time if the main display is showing temperature, or the temperature if the main display is showing time, so that both are always visible. The next row of text is normally blank but whenever the Pump1 button is pushed it shows the newly selected mode and pump state for a few seconds.

6: Animated Icons

Along the bottom of the display is a row of six animated icons. Each icon corresponds to a pool accessory. The icon is shown if that accessory is on and is blank if it is off.

-  This icon shows when Pump1 is on. Pump1 will turn on and off automatically in Auto mode when required.
-  This icon shows when the Heater is on. The Heater will turn on and off automatically in Auto and Manual modes.
-  This icon shows when the Ozonator is on. It will turn on and off automatically. It will turn off when any button is pushed.
-  This icon shows when the Blower is on. It will turn on and off when the Air button is pushed.
-  This icon shows when Pump2 is on. It will turn on and off when the Pump2 button is pushed.
-  This icon shows when the Light is on. It will turn on and off when the Light button is pushed.

7: Display Button

This button cycles the LCD displays through the different quantities allowing viewing or adjustment of the controller's settings.

8: Set, Up & Down Buttons

To make any changes to the stored settings select the quantity of interest using the Display button then press the Set button and the display will flash the current value. Adjust to the required value by pressing the Up/Down buttons. To store the changes press the Set button again. If you change your mind before storing the changes pressing the Display button will cancel any changes you have made. The display will always revert to the pool temperature after a short time. By following this procedure the target pool temperature, the time of day and the sleep start and stop times can be set.

Notes

- 1) The time of day will need to be set the first time the controller is powered up or if it has been turned off for a long period.
- 2) Sleep is a very handy feature and is used to silence the spa pool during your hours of sleep. Default settings are between 12pm & 7am. The spa can be used in manual mode within the sleep hours without having to change any times.
- 3) If the sleep start and stop times are set to the same time then the sleep mode is deactivated.
- 4) It is normal for the spa to run for a long period after sleep to recover temperature lost over night. The sleep stop time should be set approximately one hour before use of the spa is desired.