

# Lite Leader Control


Quick reference card

## Initial Start-up

Your Lite Leader control has been specifically designed so that by simply connecting the spa to its properly grounded source, the control will automatically heat the water to the set temperature.




## Temperature Adjustment (80°F - 104°F)

Temperature adjustment is controlled by pushing the  pad. The display will show the actual water temperature unless the pad is pressed. When the pad is pressed, the display will show the set temperature. Pressing the pad a second time will cause the set temperature to increase or decrease depending on what direction was last chosen. Each press to follow will change the set temperature in the same direction.

If the opposite direction is desired, release the pad and let the display revert to the actual water temperature. Press the pad to display the set temperature, and again to make the temperature change in the desired direction.

## Light and Pump Control

Press the  pad once to turn on the light. Press the pad again and the pump's low speed, the ozone generator (if installed), and the light will operate. Press the pad a third time and the pump's high speed and the light will run. Press the pad again and only the pump's high speed will be on. Press the pad a final time to turn off all functions. The light will automatically turn off after 4 hours of operation. The pump's low speed and the ozone generator (if installed) turn off after 2 hours. The pump's high speed turns off after 15 minutes. When the heater is turned on, the pump and the ozone generator (if installed) are automatically activated. If activated in this way, neither can be turned off with the function pad; however, the pump's high speed may be started.

## Preset Filter Cycles

Your Lite Leader will automatically filter itself twice each day. The first filter cycle will begin 1 minute after the Lite Leader is energized. The second filter cycle will begin 12 hours after the start of the first filter cycle. The filter cycle is set by the dealer for 2 or 5 hours. During filtration, the pump's low speed and the ozone generator (if installed) run continuously.

## Freeze Protection

If the high-limit sensor detects 40°F at the heater, then the pumps automatically activate to provide freeze protection. The equipment stays on until the sensor detects 45°F at the heater. Freeze protection is enabled regardless of spa status. In colder climates, an optional **additional** freeze sensor may be added to protect against freeze conditions. See your dealer for details.

## Diagnostic Messages

### **Overheat (Spa is deactivated)**

DO NOT ENTER THE WATER. If the spa water has reached 112°F, remove the spa cover to cool the water. Overheating may occur if the filter cycle is set too long. At 110°F, the spa should reset itself. If the high-limit sensor detects 118°F at the heater, the spa will shut down. When the heater cools to 110°F, press any button to reset the spa. If the spa will not reset, then shut off power to the spa and call your dealer or service organization.

### **Flow**

A pressure switch is not working. Call your dealer or service organization.

### **Sensor (Spa is deactivated)**

The high-limit sensor or water temperature sensor is not working. Call your dealer or service organization.

### **Warning! Shock Hazard! No User Serviceable Parts.**

Do not attempt service of this control. Contact your dealer or service organization for assistance. Follow all owner's manual power connection instructions. Installation must be performed by a licensed electrician and all grounding connections must be properly installed.