Initial Start-up

Your spa will enter Priming Mode (Pr) when it is energized. During Priming Mode, press "PUMP" button(s) repeatedly and be sure all pumps are free of air. Priming Mode lasts for less than 5 minutes. Press "Warm" or "Cool" to exit. After Priming Mode, the spa will run in Standard Mode (see Mode section).

Temp Control (80°F - 104°F / 26°C - 40°C)

The last measured water temperature is constantly displayed. The water temperature displayed is current only when the pump has been running for at least 2 minutes. To display the set temperature, press "Warm" or "Cool" once. To change the *set temperature*, press temperature button again before the display stops flashing. After three seconds, the display will stop flashing and begin to display the current spa temperature. At this time the spa will begin to work towards adjusting the water temperature until it is at the *set temperature*.

PUMP 1

Press "Pump 1" to turn pump 1 on or off and to shift between low and high speeds. The low-speed will turn off after 4 hours. High-speed will turn off after 15 minutes. Low-speed may run automatically at times (filtration cycles, etc.) during which it cannot be deactivated from the panel, however the "high-speed" mode may be operated.

PUMP 2 & AUX (if equipped)

Press the corresponding button once to turn the device on. The device will turn off after 15 minutes. If the secondary device on your hot tub is an additional Jet Pump, when you press the button to activate the pump it will be on "Low Speed". Press the button again to activate "High Speed". Press once again to turn "Off".

Light

Press "Light" to operate the spa light. Turns off after 4 hours. If your hot tub is equipped with a multicolor lighting package, then pressing the "Light" button consecutively will toggle the lights through different colors modes.

Mode

Mode is changed by pressing "Warm or Cool" then once the display is flashing "Light".
Press the "Light" button until you reach "Mode". Press the "Warm or Cool" to toggle the "Mode" to "Ready" or "Rest". Once you have the desired mode on screen press the "Light" button set.

TEMPERATURE RANGE

Temperature Range is changed by pressing "Warm or Cool" then once the display is flashing "Light".
Press the "Light" button until you reach "TEMP". Press the "Warm or Cool" to toggle the "TEMP" to "High" (Arrow Up) or "Low" (Arrow Down). Once you have the desired Temperature Range on screen press the "Light" button set.

Adjusting Filtration

Filter cycles are set using a start time and a duration. Start time is indicated by an "A" or "P" in the bottom right corner of the display. Duration has no "A" or "P" indication. Each setting can be adjusted in 15-minute increments. The panel calculates the end time and displays it automatically. Filtration Cycles are changed by pressing "Warm or Cool" then once the display is

flashing "Light".

Press the "Light" button until you reach "FLTR" 1 or 2 as indicated in the lower right side. Press the "Warm or Cool" to toggle the "FLTR" to "BEGN". Press "Warm or Cool" to move to Step 1 or press "Light" to move to Step 2.

Step 1. BEGN—Press the "Warm or Cool" to set the starting hour. Once the hour is set Press the "Light" button to move to the starting minute, minutes are set in 15 minutes increments. Press "Light" to move to Step 2.

Step 2. RUN—HRS—Press the "Warm or Cool" to set duration in hour(s). Once the hour(s) is set Press the "Light" button to move to the duration in minutes, minutes are set in 15 minutes increments. Press "Light" to move to Step 3.

Step 3. F 1—ENDS—"Time". This screen will verify the end time of the filtration cycle. F 2 will display for Filtration cycle 2.

Show and Set Time-of-Day

Setting the time-of-day can be important for determining filtration times and other background features.

When in the TIME menu, SET TIME will flash on the display if no time-of-day is set in the memory. 24-hour time display can be set under the PREF menu.

To set the time press the Warm or Cool button. While the Temperature is still flashing, press Light repeatedly until "TIME" appears in the LCD. Use the Warm and Cool button to adjust the hour on the display. Press the light button to proceed to the minutes. Use the Warm and Cool button to adjust the minutes on the display. Press the light button to save the time.

Note: If Time of Day is not actually programmed due to a power cycle, "SET TIME" will appear in the menu instead of just TIME.

Flip (Invert Display)

To set press the Warm or Cool button. While the Temperature is still flashing, press Light repeatedly until "FLIP" appears in the LCD. Once "FLIP" is on the screen use the Warm or Cool buttons to change the screen. Press the Light button to save the selected option.

Restricting Operation

The control can be restricted to prevent unwanted use or temperature adjustments. Locking the panel prevents the controller from being used, but all automatic functions are still active. Locking the Temperature allows Jets and other features to be used, but the Set Temperature and other programmed settings cannot be adjusted. Temperature Lock allows Access to a reduced selection of menu items. These include Set Temperature, FLIP, LOCK, UTIL, INFO and FALT LOG.

To set the LOCK press the Warm or Cool button. While the Temperature is still flashing, press Light repeatedly until "LOCK" appears in the LCD. Once "LOCK" is on the screen use the Warm or Cool buttons to toggle to TEMP. With TEMP on the screen press the Light button to change to PANL . With eight the TEMP or PANL on the screen press the Warm or Cool buttons to apply the LOCK to the selected item. Press the Light button to save your selection.

Unlocking

This Unlock sequence may be used from any screen that may be displayed on a restricted panel.

While pressing and holding the Temperature Button (or UP button, if available), Slowly press and release the Light Button two times.

Hold (Standby)

Hold Mode is used to disable the pumps during

service functions like cleaning or replacing the filter. Hold Mode will last for 1 hour unless the mode is exited manually.

To use the Hold Mode press the Warm or Cool button. While the Temperature is still flashing, press Light repeatedly until "HOLD" appears in the LCD. Press the Warm or Cool button to start Hold Mode. Pressing the Light button or the Warm or Cool buttons will exit this menu.

Preferences

To enter Preferences press the Warm or Cool button. While the Temperature is still flashing, press Light repeatedly until "PREF" appears in the LCD. Use the Warm or Cool button to enter the menu. Once F/C appears on the screen you can use the Warm or Cool button to toggle the selection on the screen or the Light button to move to the next menu option, option are listed below. When finished use the light button to save your selection.

F/C
Change the temperature between Fahrenheit and Celsius.

24-12
Change the clock between 12 hr and 24 hr display.

RE-- MIN-- DERS
Turn the reminder messages (like "Clean Filter") On or Off.

CLN- UP
Cleanup Cycle Duration is not always enabled, so it may not appear. When it is available, set the length of time Pump 1 will run after each use. 0-4 hours are available.

DOL PHIN AD-- DRES --------
(This message may not appear depending on the configuration). When set to 0, no addressing is used. Use this setting for a Dolphin Remote which is factory set for no address by default. When set between 1 and 7, the number is the address. (See the Dolphin manual for details.)

Utilities and Information

To enter Utilities and Information press the Warm or Cool button. While the Temperature is still flashing, press Light repeatedly until "UTIL" appears in the LCD. Use the Warm or Cool button to enter "INFO". While on the "INFO" press the Warm or Cool button to enter Utilities and Information or the Light button to toggle through Addition Utilities.

Utilities and Information, While "INFO is on the LCD press the Warm or Cool button and F/C should appear on the screen. You can use the Warm or Cool button to toggle the selection on the screen or the Light button to move to the next menu option, option are listed below. When finished use the light button to save your selection.

INFO (System Information sub-menu)
The System Information Menu displays various settings and identification of the particular system. As each item in the menu is highlighted, the detail for that item is displayed at the bottom of the screen.

SSID (Software ID)
Displays the software ID number for the System.

MODL (System Model)
Displays the Model Number of the System.

SETP (Current Setup)
Displays the currently selected Configuration Setup Number.

SIG (Configuration Signature)
Displays the checksum for the system configuration file.

Heater Voltage (Feature not used on CE rated systems.)

Displays the operating voltage configured for the heater.

Heater Wattage as Configured in Software

Displays a heater kilowatt rating as programmed into the control system software (1-3 or 3-6).

H _ (Heater Type)

Displays a heater type ID number.

SW _ (Dip Switch Settings)

Displays a number that represents the DIP switch positions of S1 on the main circuit board.

PANL (Panel Version)

Displays a number of the software in the topside control panel.

Additional Utilities, While "INFO is on the LCD press the Light button and GFCI should appear on the screen. You can use the Warm or Cool button to toggle the selection on the screen or the Light button to move to the next menu option, option are listed below. When finished use the light button to save your selection.

GFCI (GFCI Test)

GFCI Test is not always enabled, so it may not appear.

A / B (A/B Sensor Temperatures)

When this is set to On, the temperature display will alternate to display temperature from Sensor A and Sensor B in the heater.

FALT LOG (Fault Log)

The Fault Log is a record of the last 24 faults that can be reviewed by a service tech.

DEMO (Demo Mode)

Demo Mode is not always enabled, so it may not appear.