Jandy®

Performance
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LXi CONTROLS QUICK GUIDE

Operating Modes

- The LXi will heat the pool or spa only when the filtration system is running and the control has been turned on to either POOL or SPA as indicated by the enabled mode LEDs.
- Maintain Temperature (Auto-Heat) will allow the heater to check the pool temperature periodically and override time clock settings, heating the pool or spa whenever the temperature falls below the set point. This feature on the heater requires additional field wiring.

Normal Operation

- Lit Jandy icon indicates unit has power.
- Choose Pool or Spa. Each has its own set temperature. The LXi includes the necessary controls to switch valves from pool to spa operation.
- Green enabled LED above icon will light.
- Temperature may be raised or lowered.
- Red LED above icon indicates unit is heating

User Set-up

With the unit in the OFF mode, press and hold the MENU key for 7 - 10 seconds. The UP & DOWN arrow keys toggle between the different functions. The MENU key toggles various options within the functions. The POOL & SPA keys end the Setup Mode and return to 'OFF'.

User Set-up Functions

1) Language Selection

   Select from English, Spanish, French, Italian, Portuguese or German.

2) Temperature Scale

   Select Fahrenheit or Centigrade scale.

3) Spa Timer

   Provides automatic shut down of spa operation.

4) Display Lighting

   Controller lights can be set ON, OFF or to SHUT OFF after a two minute delay.

HEATER IS OFF
PRESS POOL OR SPA

A Jandy LXi heater optional control can be installed remotely with 22AWG 4 conductor wire up to 300'. The additional control (p/n R3008800) can also be wired for control in the pool house or in the home. All wiring must be done in accordance with applicable local and National codes and requirements.

AquaLink RS/Remote Enable

Remote system must be wired as shown below before enabling the remotes options on the controller.

Enter Remote Thermostat in Service Set-up Mode (#3 from Service Setup Mode functions).

- Display will show REMOTE on the second line. The UP/DOWN arrows will toggle to options: 'OFF', 'HI-LO-COM', or 'REMOTE T-STAT'.
- For Aqualink RS connection use 'REMOTE T-STAT', then MENU to save selection.
- Select SPA. Raise heating setpoint, using UP arrow key, to maximum (104°F).
- Control will indicate heater in Spa Heat mode and will alternately flash REMOTE T-STAT ENABLED.
- For 3-wire remote systems select HI-LO-COM. Control will alternately flash REMOTE T-STAT ENABLED.

Figure 1. Remote Pool-Off-Spa Connection (3-Wire Connection)   Figure 2. AquaLink RS or Remote TSTAT Connection (2-Wire Connection)   Figure 3. AquaLink RS 485 Communication (4-Wire Connection)

AquaLink RS 485

Remote system must be wired as shown before enabling the remotes options on the controller.

- Display will show JANDY REMOTE ONLINE PUSH MENU TO DISABLE, all control at the Heater is disabled.
- To temporarily use the Heater controls, press the MENU button. The display will disappear and all functionality will return to the Heater Control.
- To return functionality to the RS unit, cycle the power to the Heater, or press the MENU button for 5 seconds to enter the User Setup Mode and then enable the Jandy Remote.

Service Set-up Mode

From the off mode, press MENU, followed by POOL & SPA, holding all three buttons simultaneously for 7 - 10 seconds.

The UP & DOWN arrow keys toggle between the different functions. The MENU key toggles various options within the functions. The POOL & SPA keys end the Setup Mode and return to 'OFF'.

Service Set-up Functions

1) Maintain Temperature
2) Maintain Temperature Delay
3) Remote
4) Freeze Protect
5) Louver
6) Load Defaults - Resets factory settings
7) Air Temperature Calibration
8) Water Temperature Calibration
9) Water Temperature Differential
10) Statistics
11) Last Fault

Maintain Temp Set-up Mode

Follow directions from Service Set-up Mode (see above), Maintain Temperature (Service Set-Up Function 1). To operate in pool mode with the Maintain Heat feature, press POOL, then press MENU, press the Down button until MAINTAIN POOL HEAT is displayed, press the MENU button.

The associated left green LED indicator will light and the unit will display SET: XXX°. Change the temperature set point by pressing the Up or Down button until the desired set pint is displayed. After 5 seconds of inactivity, the new set point is stored in memory.

⚠ WARNING

TO AVOID PROPERTY DAMAGE, INJURY OR DEATH, BE SURE TO READ THE "*CONSUMER INFORMATION AND SAFETY*" SECTION IN THE MODEL LXi HEATER INSTALLATION AND OPERATION MANUAL.

Set Point Lockout

Make sure the control is in the ON mode (POOL or SPA), press and hold the Up and Down buttons for 7 - 10 seconds. The set point will be locked and the control will operate in the mode it was in when the Set Point Lockout occurred. If an attempt to change the set point is made while the control is in Set Point Lockout, the control will display SET POINT LOCKED. To unlock the Set Point Lockout, press and hold the UP and DOWN buttons for 7 - 10 seconds. The unit will display SET POINT UNLOCKED.

EXAMPLE OF SET UP FOR RS CONTROLS

Step 1:

With the Control set to OFF, switch to the "hidden menu" by pressing MENU, followed by POOL & SPA, holding all three buttons simultaneously for 7 to 10 seconds.

Step 2:

Press the DOWN button until the screen reads REMOTE*.

Step 3:

When REMOTE is displayed, press the MENU button.

Step 4:

Press either the UP or DOWN button to change the display to HI-LO-COM (3 wire) or T-STAT (2 wire connection).

Step 5:

Press MENU to select.

Step 6:

Press POOL or SPA to return to the normal screen.

*Pressing MENU will return display to the previous screen.