Revolution Series Quick Reference Card

Start Up
When the GFLI for the spa is switched on to supply power, a startup sequence of numbers will appear on the display. If no button is pressed, LINK will appear after the startup sequence. Press any button to link the panel with the system.

The spa will enter Priming Mode. After linking, press the Jets Button(s) to turn on the pumps and off to verify that all air is purged from the plumbing, particularly the plumbing associated with the heater. If the spa uses a circulation pump, the Light Button turns the Circ Pump on or off during Priming Mode. Priming Mode will end automatically in 4 minutes. Pressing a Temperature Button will exit Priming Mode manually. When Priming Mode ends, Pump 1 low will start. If no circ pump is present, however, the water temperature will not appear for a minute or so. Once the water temperature is recognized by the system, and if it is below the Set Temperature, the heater will start.

Basic Operation
The Up (↑) and Down (↓) buttons are often referred to as Temperature Buttons. Some panels only have a single Temperature Button.
Press a Temperature Button once and the current Set Temperature will begin to flash on the LID. (The Set Temperature and the actual water temperature are often different.) While the numbers are flashing, press a Temperature Button again to change the Set Temperature. Press and hold for faster adjustment. After the new Set Temperature stops flashing, in about 10 seconds, the actual temperature is displayed again and the new Set Temperature is programmed. The spa will now heat to the new Set Temperature as needed.
The Light Button turns the Spa Light on and off and is also used in conjunction with the Temperature Button(s) to navigate the system menus.

Programming
Refer to the TP600 User Guide (40940) for detailed operation, programming and message instructions.
Navigating the deeper menu structure is done with only 2 or 3 buttons on the control panel.
Pressing the Light button while the Set Temperature is flashing will enter the menu.
Pressing Light after that will proceed through the menu choices. Pressing a Temperature Button while any menu item is showing will either edit it directly or begin an editing sequence.
Depending on the screen displayed, waiting between 10 and 30 seconds will allow the panel to return to normal operation and a display of spa status.

Revolution Series Programming Highlights

Filtration
The system is factory-programmed with one filter cycle that will run in the evening (assuming the time-of-day is properly set) when energy rates are often lower. The filter time and duration are programmable. Refer to the TP600 User Guide (40940) for detailed instructions.
A second filter cycle can be enabled as needed.

Dual Temperature Ranges
This system incorporates two temperature range settings with independent set temperatures. The High Range is indicated in the display and can be set between 80°F and 104°F. The Low Range is indicated in the display and can be set between 50°F and 80°F. Low Range may be economical during non-use periods.

Ready and Rest Modes
If the filtration pump is a 2-Speed Pump 1. READY Mode will circulate water every 1/2 hour, using Pump 1 Low, in order to maintain a constant water temperature, heat as needed, and refresh the temperature display. This is known as “polling.”

REST Mode will only allow heating during programmed filter cycles. Since polling does not occur, the temperature display may not show a current temperature until the filtration pump has been running for a minute or two. READY/REST Mode may appear when Jets 1 is activated.

Complete Reference
Download the complete User Interface and Programming Guide at http://service.balboa-instruments.com/tz40940_download.zip

Manufactured under one or more of these patents: U.S. Patents: 5322944, 5765215, 5550753, 5559120, 5,888,409, 6,253,227, 6,280,370, 6,500,188, 691,652, 6965115, 7030048, 7,417,334 B2.
Canadian Patent: 2142144, Australian patent: 217,6444 other patents both foreign and domestic applied for and pending. All material copyright of Balboa Water Group.

4/047C 08/11/99 www.balboawater.com