



SunTouch® Pool and Spa Automation Control Quick Reference Guide

POOL/SPA MODE

Note: For "SOLAR ONLY" mode setup instructions, see back page.

1. Press **Menu button** until **Advanced 8/14** displays.
2. Press **Right button** to access Advanced menu.
3. Press **Right button** until System Mode displays.
4. Press **Up/Down button** to select Pool/Spa.
5. Press **Right or Left button** to exit to main screen.

Set Clock (5/14)

1. Press **Menu button** until **Clock 5/14** is displayed.
2. Press **Right button** to access Clock menu.
3. Use **Right button** to select hours/AM,PM and minutes and **Up/Down button** adjust time setting.
4. Press **Left button** to exit.

Setup Valves (Pool, Spa, AUX) (7/14)

1. Press **Menu button** until **Valves 7/14** is displayed.
2. Press **Right button** to access Valves menu.
3. Press **Up/Down button** to select circuit (NONE, SPA, POOL, AUX 1-3, FEATURE 1-4, SOLAR, HEATER, FREEZE).
4. Press **Left button** to save and exit.

Circuit Functions/Freeze Protect (10/14)

1. Press **Menu button > Right button** until **Cir. Functions 10/14** is displayed.
2. Press **Right button** to access Cir. Functions menu.
3. Press **Up/Down button** to select Freeze Protection for POOL circuit [**Yes/No**].
4. Press **Right button** to select Spa circuit.
5. Press **Up/Down button** to select Freeze Protection for SPA Circuit [**Yes/No**].
6. Press **Right button** to select AUX 1 Circuit.
7. Press **Up/Down button** to select function for AUX 1 Circuit [GENERIC, CLEANER, etc.].
8. Press **Right button** to select Freeze Protection for AUX 1 Circuit.
9. Press **Up/Down button** to select Freeze Protection for AUX 1 Circuit [**Yes/No**].
10. Press **Right button** and repeat Steps 7-9 for Aux 2 & Aux 3 circuits.
11. Press **Left button** to exit to main screen.

Pool Circuit Function ON/OFF (1/14)

1. Press **Menu > Right button** to access **Circuit On/Off 1/14** menu.
2. Press **Up/Down button** to turn Pool filter pump **ON** or **OFF**. Pool circuit ON will display Pool temps on screen.

Set Heat Temp/Select Heat Source (2/14)

1. Press **Menu button** until **Heat 2/14** is displayed.
2. Press **Right button**: Displays **POOL TEMP, POOL HEAT (OFF/HEATER), SPA TEMP, SPA HEAT, MANUAL HEAT**.
3. Use **Right button** to scroll through above options and **Up/Down button** to change setting.
4. Press **Left button** to exit.

Enable Solar/Heat Pump (6/14)

1. Press **Menu button** until **Solar 6/14** displays.
2. Press **Right button** to scroll through: **Solar Status Enabled (No/Yes), Heat Start Temp Diff., Heat Stop Diff., Heat Pump (Yes/No), Cooling (Yes/No), Start Temp, Stop Temp**.
3. Press **Up/Down button** to change setting.
4. Press **Left button** to exit.

Air Sensor ON/OFF (8/14)

1. Press **Menu button** until **Advanced 8/14** displays.
2. Press **Right button** to access Advanced menu.
3. Press **Right button** to Air Sensor enabled. Press **Up/Down button** to disable/enable (NO/YES).
4. Press **Left button** to exit to main screen.

Shared Equipment/Single Body

1. Press **Menu button** until **Advanced 8/14** displays.
2. Press **Right button** to access Advanced menu.
3. Press **Right button** to **System Type**.
4. Press **Up/Down button** to select Single Body or Shared Equipment.
5. Press **Left button** to exit to main screen.

Schedules (Start/Stop Time) (4/14)

1. Press **Menu button > Schedules 4/14** displays.
2. Press **Right button** to access Schedules menu.
3. Press **Up/Down button** to select circuit.
4. Press **Right button 3 times** to select Program 1/1.
5. Press **Right button** to set Start Time.
6. Press **Up/Down button** to set time (12 hours).
7. Press **Right button** to set Stop Time.
8. Press **Up/Down button** to set time (12 hours).
9. Press **Right button** to save and exit to main screen.

Edit a Scheduled Program

1. Press **Menu button > Schedules 4/14** displays.
2. Press **Right button** to access Schedules menu.
3. Press **Up/Down button** to select circuit to edit.
4. Press **Right button** to select Program to edit (4/4).
5. Press **Up/Down button** to select Program (2/4).
6. Press **Right button 2 times** to edit Start Time.
7. Press **Up/Down button** to adjust Start Time.
8. Press **Right button** to edit Stop Time.
9. Press **Up/Down button** to adjust Stop Time.
10. Press **Right button** to save and exit.

Delete a Scheduled Program

1. Press **Menu button > Schedules 4/14** displays.
2. Press **Right button** to access Schedules menu.
3. Press **Up/Down button** to select circuit to delete.
4. Press **Right button** to select Program to delete.
5. Press **Up/Down button** to select program (2/4).
6. Press **Right button** to delete a program.
7. Press **Up/Down button** to select DEL.
8. Press **Right button** to delete program.
9. Press **Left button** to exit to main screen.

IntelliChlor® Electronic Chlorine Generator(13/14)

1. Press **Menu button > IntelliChlor 13/14** displays.
2. **Enable IntelliChlor:** Press **Right button**.
3. Press **Up/Down button** select YES.

Sanitizer Output Level for Pool and Spa:

Displays the percentage of time chlorine is produced per hour of pump run time. For example (60%) produces chlorine 60% of the hour; 36 minutes ON, 24 minutes OFF.

4. Press **Right button** to select POOL Sanitizer Output %.
5. Press **Up/Down button** adjust Sanitizer Output % for Pool (0-100%).
6. Press **Right button** to select SPA Sanitizer Output %.
7. Press **Up/Down button** adjust Sanitizer Output % for Spa (0-100%).

Super Chlorination:

Displays the percentage of time chlorine is produced per hour of pump run time. For example (60%) produces chlorine 60% of the hour; 36 minutes ON, 24 minutes OFF.

8. Press **Right button**, select SUPER CHLR.
9. Press **Up/Down button**, select YES.
10. Press **Right button**, select RUN HOURS.
11. Press **Up/Down button**, set hours to run (0-72).

View Super Chlorination Status:

12. Press **Right button** to view Salt status ppm.
13. Press **Left button** to exit to main screen.

Pumps (12/14) IntelliFlo® VS, VF, VSF Pump

1. Press **Menu button** to **Pumps 12/14**.
2. Press **Right button** > Pump Type: **Press Up/Down button to select pump type (INTELLIFLO VS, INTELLIFLO VF, INTELLIFLO VSF)**, then press **Right button** to select pump type. *Continue below.*

IntelliFlo VS:

1. Press **Right button to select and Up/Down to change value:** CIRC.SETUP, PRIMING: TIME: (0-10 minutes), SPEED (400-3450). STATUS: View current RPM and WATTS (power consumption).
2. **CIRC.SETUP:** Press **Right button to CIRC.SETUP**. Press **Up/Down** to select pump#1 (SunTouch supports one IntelliFlo pump). Press **Right Button** to select.
3. Press **Up/Down** to assign circuit: (NONE,SPA, POOL, AUX 1-3, FEATURE 1-4, SOLAR, HEATER, POOL HEAT, SPA HEAT, FREEZE, POOL/SPA, SOLAR/HT,)
4. Press **Right button** > 1 - RPM: 400-3450.
5. Press **Up/Down button** to adjust pump speed #1.
6. Press **Right button** to Circuit Setup displays with pump#. Repeat Steps 1-6. Press **Left button** to exit.

IntelliFlo VF:

1. Press **Right button to select and Up/Down to change value:** CIRCUIT SETUP, CIRCUIT, FILTER, FILTER, PRIMING, BACKWASH, VACUUM, STATUS: View current RPM/GPM and WATTS (power consumption).
2. **CIRC.SETUP:** Press **Right button to CIRC.SETUP**. Press **Up/Down** to select pump#1. Press **Right Button** to select.
3. Press **Up/Down** to assign circuit: (NONE,SPA, POOL, AUX 1-3, FEATURE 1-4, SOLAR, HEATER, POOL HEAT, SPA HEAT, FREEZE, POOL/SPA, SOLAR/HT,)
4. Press **Right button** to select VF options as shown in step 1. Press **Up/Down button** to change setting/value.
5. Press **Right button** to Circuit Setup displays with pump#. Repeat Steps 1-5. Press **Left button** to exit.

IntelliFlo VSF:

1. Press **Right button to select and Up/Down to change value:** CIRCUIT SETUP, STATUS: View current RMP/GPM and WATTS (power consumption).
2. **CIRC.SETUP:** Press **Right button to CIRC.SETUP**. Press **Up/Down** to select pump#1. Press **Right Button** to select.
3. Press **Up/Down** to assign circuit: (NONE,SPA, POOL, AUX 1-3, FEATURE 1-4, SOLAR, HEATER, POOL HEAT,SPA HEAT, FREEZE, POOL/SPA, SOLAR/HT,)
4. Press **Right button** > 1 - RPM: 400-3450.
5. Press **Up/Down button** to adjust pump speed.
6. Press **Right button** > 1 - GPM: 15-150.
7. Press **Up/Down button** to adjust flow rate.
8. Press **Right button** > 1 - PSI 1-30.
9. Press **Up/Down button** to adjust pump pressure.
10. Press **Right button** to Circuit Setup displays with pump#. Repeat Steps 1-6. Press **Left button** to exit.

Pump (Single Speed) (12/14)

1. Press **Menu button** until **Pumps 12/14** displays.
2. Press **Right button** > Pump Type: **SINGLE SPEED**
3. Press **Left button** to exit to main screen.

Pump (Two-Speed)

1. Press **Menu button** until **Pumps 12/14** displays.
2. Press **Right button** > Pump Type: **Press Up/Down to select TWO SPEED then press Right button.**
3. Press **Up/Down button** to select #1 circuit (NONE,SPA, POOL, AUX 1-3, FEATURE 1-4, SOLAR, HEATER, POOL HEAT,SPA HEAT, FREEZE, POOL/SPA, SOLAR/HT,.) Press **Right button** to assign circuit #2. Repeat Steps to adjust speed #3 and #4. Press **Left button** to exit.

IntelliChem™: (View current pH and ORP level)

1. Press **Up/Down to DIAGNOSTICS (9/14)**.
2. Press **Right button**.
3. Press **Right button** to IntelliChem. The current IntelliChem pH and ORP levels are displayed.
4. Press **Left button** to exit.

Circuit Timeout (Advanced 8/14): Allows system circuit timeout duration of 12 hours (default) to be changed from 1 to 23 hours. If a circuit relay is switched on manually, it remains on until either it's switched off manually or the default 12 hours has elapsed.

1. Press **Menu button** until **ADVANCED 8/14** displays.
2. Press **Right button** until **CIRCUIT TIMEOUT** displays
3. Pump **Up/Down button to change timeout hours (1-23)**.
4. Press **Right button** then **Left button** to exit.

Service Mode (14/14) SERVICE: Allows manual control of SunTouch system, for example, to backwash your filter. **TIMEOUT:** Manual control of system for three (3) hours. After three hours system returns to AUTO mode. Note: control panel buttons, remote controllers, and menu scheduled programs are disabled, except for switching off equipment manually for emergencies.

Press **Menu button** to **Service 14/14**. Press **Right button**. Press **Up/Down button** to select **SERVICE** or **TIMEOUT (for 3 hrs)**. Press **Up/Down button** to select ON/OFF for F Pump, VLV A, B: POOL, HEATER, Solar, AUX 1-3, VLV C. After **SERVICE** is complete, select **AUTO** to resume normal operations.

QuickTouch® (QT4) Wireless Remote (11/14)

1. Press **Menu button** to **QuickTouch 11/14**.
2. Press **Right button** to enter QuickTouch menu.
3. Press **Up/Down button** to select circuit #1. (button #1). Press **Right button** to enter QuickTouch menu. Press **Up/Down button** to select circuit #2. (button #2). Press **Right button** to enter QuickTouch menu. Press **Up/Down button** to select circuit #3. (button #3). Press **Right button** to enter QuickTouch menu. Press **Up/Down button** to select circuit #4. (button #4). Press **Left button** to exit to main screen.

Reset System (Erase Memory) (8/14)

1. Press **Menu button** until **Advanced 8/14** displays.
2. Press **Right button** to access Advanced menu and to Reset Factory ERASE ALL. Press **Up/Down button** to select YES.
3. Press **Right button** to select Erase Memory.
4. Press **Up/Down button** to select YES.
5. Press **Right button** to reset to factory settings.

SOLAR ONLY MODE

Enable Solar Only Mode (From Pool/Spa Mode):

1. Press **Menu button** until **Advanced 8/14** displays.
2. Press **Right button** to access Advanced menu.
3. Press **Right button** to System Mode.
4. Press **Up/Down button** and select **SOLAR ONLY**.

Access Pool/Spa Mode from Solar Only Mode:

1. Press **Menu > Right button** until System Mode.
2. Press **Up/Down button** to select **Pool/Spa**.

System Time (in Solar Only Mode)

Press **MENU** to enter menu. Use **Right button** to select menu item and **Up/Down button** to change setting/value. Press **Left button** to exit.

1. Press **Menu > Right button** to scroll through menu items: **SET WATER TEMP, SYSTEM CONTROL, SYSTEM MODE, TIME SET, HEAT START/STOP TEMP, COOLING (nocture cooling of water), COOL START/STOP TEMP, SOLAR FREEZE, CLEANER FREEZE, AIR SENSOR.**

Air Sensor (Requires purchase of additional air sensor P/N 520272.)

