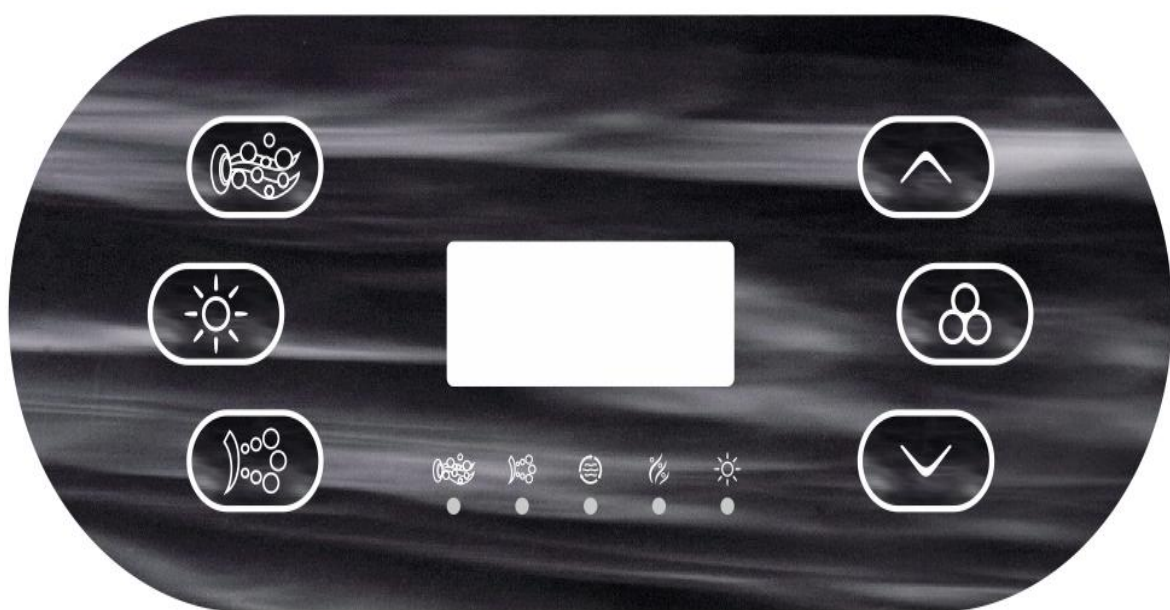


# PB560XB88



## Base System Features and Functions

### 1 WATER PUMP



- 1.1 Touch this button, the water pump will be turn on/off when power on.
- 1.2 It will turn off after working 30 mins automatically.

### 2 AIR PUMP



- 2.1 Touch this button, the air pump will be turn on/off when power on.
- 2.2 It will turn off after working 30mins automatically.

### 3 LIGHT



- 3.1 Touch this button, the light will be turn on/off when power on.
- 3.2 It will turn off after working 2-hour automatically.

## 4 TIME SETTING OF WATER CIRCULATION

4.1 Please kindly set the right timing to make sure the time accurate before using this function .

4.2 System has a set time period for water circulation. Please kindly set the time period according to your requirement before using this function .

4.3 If the system time is within this time period , the water circulation will be on .If not , it will be off.

## **5 OZONE**

5.1 Ozone will be off when water pump and air pump are working.

5.2 when the pump and air pump load is closed, the heating circulation pump or the timing water cycle is started, the ozone disinfection will be opened automatically. When the heating circulation pump and the timing water cycle are closed, the ozone disinfection will be closed automatically;

## **6 HEATING**

6.1 The water temperature is below the setting temperature, the heater will be on and control system is in power on at the same time. The heater will be stopped heating when water temperature reach setting temperature.

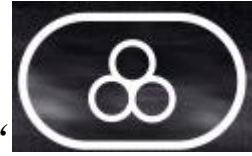
6.2 After the heating function is started, the circulation pump is started in advance, and the heater works later; If the heating function is closed, the circulation pump will be closed later.

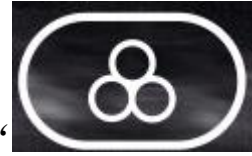
## **7 Anti-freezing protection**

The water temperature is less than 6 °C (43 °F), the heating function will be on ; Temperature around 10 °C (50 °F), the heating function will be off .

# SETTING

## 1 TEMPERATURE UNIT





1.1 When the control system is power on , touch “” about 5 seconds , it can change the temperature unit (°C or °F) .

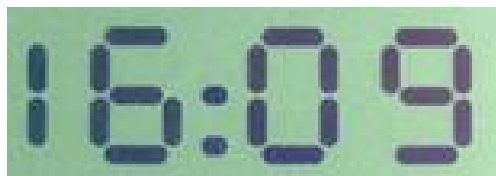
## 2 SET TEMPERATURE

2.1 when the system is on state but not in the setting state, touch



“” and “”, it can change the temperature.

## 3 SET THE CLOCK




Setting clock interface




3.1 When the system is on state , touch “” , the LCD flashes



the hour character, Then you can adjust the hours by touching “”



and “” .

3.2 When the system is on state, touch “”, the LCD flashes the minute character, Then you can adjust the minutes by touching

“” and “”.



## 2 SET TIMING WATER CYCLE TIME .



**The interface for setting start time of the time period of the timed water cycle**



**The interface for setting the end time of the time period of the timed water cycle**

2.1 LCD screen shows “” 、 “” which shows the start time and the end time.



2.2 When the system is on state, touch“



corresponding time flashes, it can adjust by touching “



and “

2.3 The system will save automatically after the time period of water cycle is set.

## SYSTEM FAILURE FORM

FAULT CODE	FAULT MESSAGE	HOW TO FIX
E1	Temperature sensor fault	Please check the temperature sensor and its connection and replace it if necessary.
E2	The temperature is beyond the normal range	<p>The control system detected that the temperature of the temperature sensor was too high. When the heater is started, this failure may occur when there is no water in the water pipe or the flow is small during heating. Please ensure that there is water in the SPA . If this information appears multiple times over a period of several days, contact the service provider or manufacturer.</p> <p>The control system detects that the temperature of the temperature sensor is too low. Please pay attention to frost resistance.</p>
E4	The heater is off	<p>Indicates that the temperature of the heating tube is too high. When the thermostat is started, this failure may occur when there is no water in the water pipe or when the flow is small during heating. Please ensure that there is water in the SPA . If this failure occurs many times within a few days, please contact the service provider or manufacturer.</p>
E5	Panel and electricity box failure	Please check the connection line between the control panel and the control host and replace it if necessary.