



# **USER MANUAL**

**HP811AF**

## Preface

Write the specification of the content is to help the installation and use of personnel in the proper standard operation and installation of the control system, safety and product user people life period and ensure.

## Security considerations

-  Danger: This symbol is used to remind users that the product bears dangerous voltage!
-  Alarm: This symbol is used to remind users that the product is attached with important operation and maintenance description!

### 【Warning】

- 1.To avoid fire or electric shock, please ensure that controller is not exposed to rain or wet surroundings, As controller contains accessories with dangerous high-voltage, please do not open the cover .
- 2.Without permissions from controller manufacturer and authorized party, any changes or disassembly of this controller will probably bring inconvenience in use to user.

### 【Notice】

- 1.Please read this manual thoroughly to know to use this controller correctly.
- 2.After reading, please keep this manual properly for later reference, if any maintenance needed, please contact local dealer or technical service center of this company.

### 【Use Instruction】

- 1.Please remove power plug from the socket if the controller is not used for long.
- 2.Before power switches on, please ensure that all hook-ups and power wires are absolutely in correct connection.
3. Please keep this controller in dry places with good ventilation.avoid approaching heat source.and keep away from direct sunshine, mechanical vibration,wet and dusty places as well as other heat radiating objects

### 【Beneficial Warning】

- 1.TO prolong the use life of this controller, intervals between continual on and off must be more than 30 seconds.
- 2.Please shut down power after use.
- 3.Power supply adopted should match voltage specification marked on the controller, Otherwise it becomes unusable and can even burn out the controller.
- 4.When installing the controller, please check cautiously whether the loaded parameters corresponds to those required by the controller.Otherwise it becomes unusable and can even burn out the controller.
- 5.If occasional crash appears, please restart it.

## Install and use the matters needing attention

To guarantee normal use of products and personal safety of users and prolong use life of products, please read carefully the following requirements before use:

1. Users must perform load installation in strict accordance with circuit drawing and parameters offered by our company

2. External radio frequency signal should not be too strong, for fear of burning out the system.

3. Controller should be provided with good and reliable grounding protection.

4. Should strictly check the power control box. Confirmation before the use of electricity.

5. Should not be illegal manufacturers recommend electrical equipment connected to the controller, and prohibit the unauthorized disassembly, modification have been sealed wiring or charging power supply inserting box wiring and plug.

6. Connect the line power supply box should press connector number and specification corresponding socket, output line can not be short circuit.

7. After use cut off electricity for the whole system as long energized state will quicken system's aging.

8. Installation of controller should be performed by qualified personnel according to Installation Instruction.

9. For there is no repairable elements in controller, do not attempt any improvement. Because of dangerous high voltage in controller, maintenance and adjustment must be carried on by professionals.

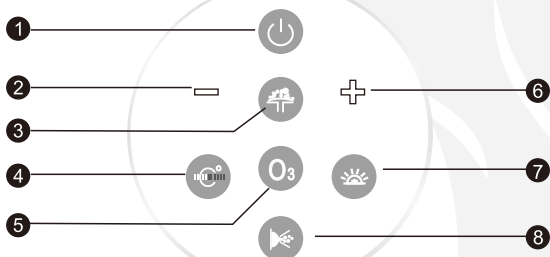
The company is not held responsible for any results caused by users' violation of the above-mentioned operation specifications.

## Special statements

1. Any repair to this product must be done by the qualified service personnel designated by the manufacturer or the dealer, otherwise the free warranty will be null, and our company will not take any responsibility for any loss arising therefrom.

2. This Manual is for reference only. For any change and update to the design and instructions herein, no further notice will be given. Please forgive us for any mistake or omission in this manual due to publishing or translation.


## Schematic diagram for control panel




- ❶ Power key & Indicator light
- ❷ Bubble bath force decreasing key and indicating light
- ❸ Bubble bath
- ❹ Thermostatic function key and indicating light
- ❺ Ozone function & indicator light
- ❻ Bubble bath force increasing key and indicator light
- ❼ Underwater light control key & indicator light
- ❽ Massage function key and indicator light

## Operation Methods





### 1. Power On & off

Touch  button to start the system and the indicator shows blue light. Another touch of the button, the pump system stops and indicator light turns off.

### 2. Surfing function


When water is detected by water level sensor under readiness state, one press of  button will start water pump and the indicating lamp is on for 60 minutes of self-timing. Another press of this button will turn off the water pump and indicating lamp is off. When water level is insufficient in operating state, it will automatically turn off water pump, with indicating lamp off.

### 3. Bubble bath function

When water is detected by water level sensor under readiness state, one press of  button will start wind pump and the indicating lamp is on. The wind force is adjustable and default is the maximum level with 60 minutes of self-timing. Another press of this button or insufficiency of water level will turn off wind pump. When wind pump intensity fails to attain extrema, pressing  or  button can increase or decrease the wind pump intensity by degrees. The corresponding indicating lamp will flicker for each change of intensity level. When it attains the maximal intensity, another press of intensity control button will have not any action. If  button is pressed when is not detected by water level sensor, wind pump default will be maximum wind power and intensity is not adjusted until blowing-dry pipeline, with indicating lamp on and 10 minutes of self-timing.

---


#### 4. Ozone Sterilization

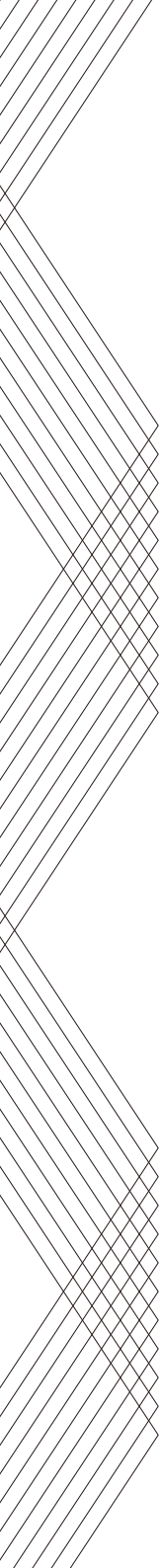
When the supply power is on and the ozone function is not started, press  key, the indicator light turns blue light and the ozone sterilization process begins and work for 5minutes;press the key again to turn off the ozone sterilization.This function is not related to the water level sensor.

#### 5. Underwater light

When the system is powered on, if either the water pump or air pump function is turned on, the underwater light turns on at the same time; when water pump and air pump are turned off completely, the underwater light turns off at the same time.

#### 6. Thermostat

When water pump starts under readiness state,one press of  button will start thermostat heating function and indicating lamp is on.Another press will turn off the function.The thermostat function can not start under non-startup startup state of water pump.When water temperature in tub attains the default temperature ,thermostat heater automatically starts for heating.When the thermostat heater already turned on is short of water,it would automatic shut off.The thermostat default value is 40℃



**Reminder :** the company reserves the right to make change on the product appearance and accessories and no further notice is given. The dimension and color of any product are subject to those of the material object.