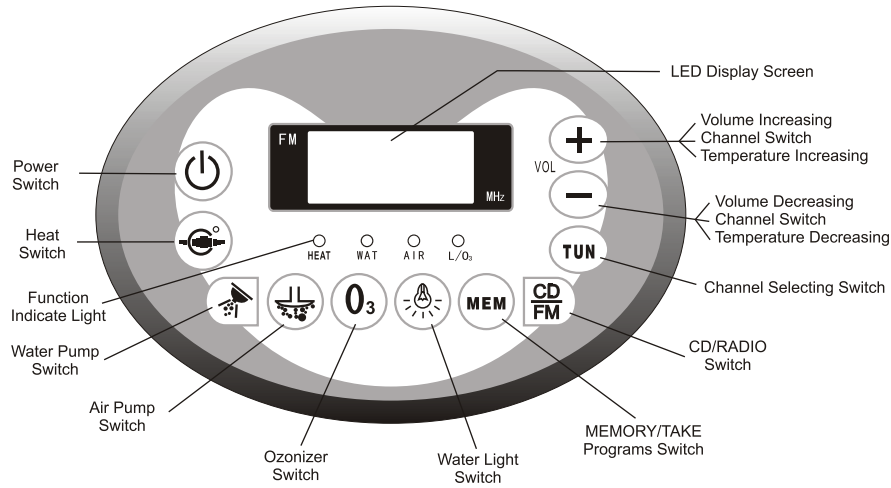


# Massage Bathtub

## Control Panel Manual



KL-818

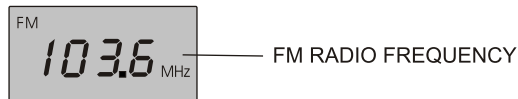


Description of Function Indicate Light

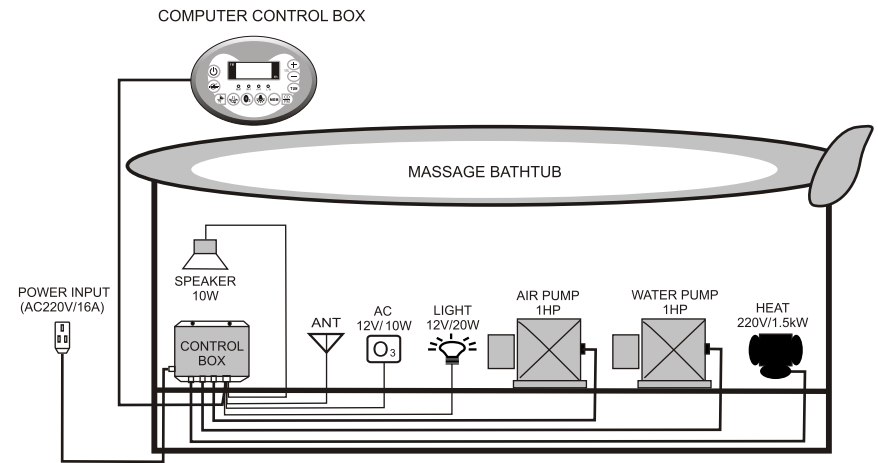
1. Heater Indicator: Heater starts to work if it is on. (Remarks: during the operation, the indicator turns off automatically if there is no sufficient water; when the water level reaches the standard, the indicator is on and the heater starts to work again)
2. Water Indicator: If it is on, the massage function is effective; if it flashes, it shows that there is no sufficient water so the massage function is of no effect.
3. Bubble Bath Indicator: if it is on, the bubble bath function is effective, if it is off, this function is off.
4. O<sub>3</sub> Indicator: if it is on, the underwater light is on, if it flashes, the ozonation function is effective. (Remarks: when the underwater light is on and ozonation function is effective, this indicator will flash 5 times and pauses once then continue to flash!)

Notes for Digital Display

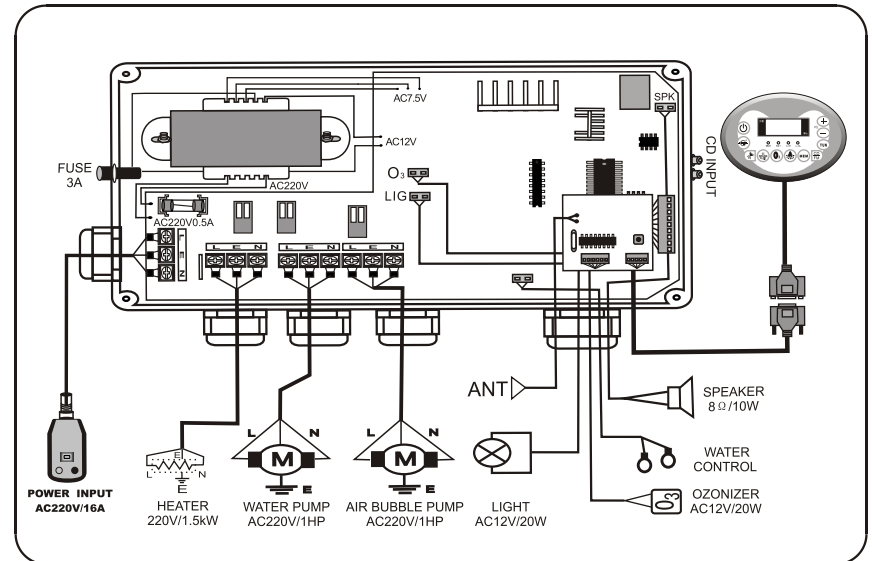
1. LED-display screen: the display shows different when pressing (🔊)key/(📻)key continuously. The display shows alternately (Measure Temperature/Setting Temperature/FM Radio Frequency) when heating and radio are both working.
2. When the RADIO:



System Installation Sketch



Connection Diagram

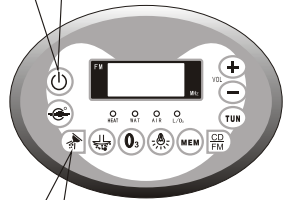


## Technical Data

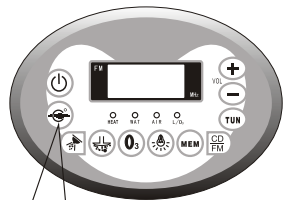
1. Voltage: AC220V ± 10%, 50Hz  
AC110V ± 10%, 60Hz
2. Power: 3500W
3. Dielectric Strength: 1500V, 1min
4. Lighting Load: AC12V, 20W
5. Music Power: ≤ 15W
6. Frequency Range: FM88-108MHz
7. S/N Radio: ≥ 45dB
8. AIR PUMP: AC220V50Hz ≤ 1kW
9. HEAT POWER: AC220V50Hz ≤ 1.5kW
10. Ozone: AC12V ≤ 20W
11. WATER PUMP: POWER ≤ 1kW

## Operation Manual

Power on/off  
Please Press (⏻)Key



(1). Water Pump  
Please Press (🚰)Key



(2). Heater  
Please Press (🔥)Key

### 1. Power:

Surfing Operation: Connect the creepage protector, press (⏻), the system starts to work, LCD screen shows the actual temperature. At this moment, you can select the functions desired; Press (⏻) to turn off the system.

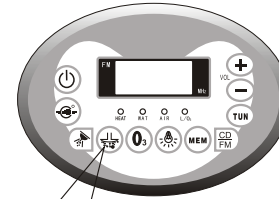
#### (1). Water Pump:

Press (🚰), the pump is turned on, and the LED indicator is on correspondingly; press again (🚰) to turn off the pump; (Notice: When there is not sufficient water in the tub, the system will shut off the pump and the indicator will flash until the water level reaches the standard)



#### (2). Heater:

The water pump has to be activated before using the heater. The computer establishes (45°C). Press again (🔥)key, heat function to OFF.



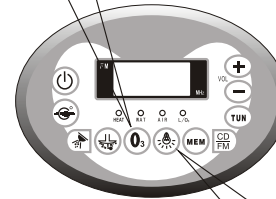
(3). Bubble Bath  
Please Press (🫧)Key

#### (3). Bubble Bath:

Press this button (🫧) on the panel to switch on/off bubble bath function and the indicator related will be on/off accordingly.



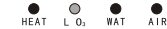
(4). Ozonation  
Please Press (O3)Key



(5). Underwater Light  
Please Press (💡)Key

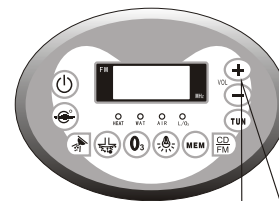
#### (4). Ozonation:

Press (O3) to turn on/off this function and the indicator related will be on/off accordingly. (Remarks: each time the ozonator works for 10 minutes, after 10 minutes, the system shut it off automatically.)



#### (5). Underwater Light:

Press (💡) to turn on/off the light and the indicator will be on/off accordingly.



(6). Temperature Setting  
Please Press The (VOL) Key

#### (6). Temperature Setting:

Press the (VOL) button to set the water temperature in the tub, the setting ranges: (20°C-50°C). Press (VOL+) to increase the preset temperature, press (VOL-) to decrease the temperature and the screen shows accordingly. (Remarks: For this function, FM & DC should be turned off first, otherwise, it is for volume adjustment) Preset Temperature by factory: 45°C

2. FM Function:

- (1). Pull out the antenna and set it as Y type, press (CD/FM), the screen shows FM frequency, the volume indicating as DB increases to “00dB ” from “ 08dB ” .
- (2). Press(TUN)key to upward tuning, interval press is for manual selecting. If the key is held for over 2 seconds, the frequency will stop at the channel the digital founds.(Notice: You can press(+)key for upward and press(-)key for downward. In the case of the weak signal, manual selecting is suggested.) Press(MEM)key when a channel is selected, the screen will show “P----\*” , and the channel will be memorized.(Notice: The “\*” of the “P----\*” is positioned memory number, the capacity of memory is 10.) If the received signal is weak, unfold the antenna and readjust. Press(MEM)key to select the channel you like after setting.
- (3). Volume Control: Press the volume(+)or(-)to adjust the volume, the correspondent DB will be indicated in the screen.

3. External CD:

Connect the CD audio wire with the external socket of the main control box, press CD/RADIO for CD function, then choose the desired volume by pressing (VOL+) or (VOL-).

4. Key Description:

- (1). It is the store function after pressing (TUN) or after station selection; and direct pressing of the(MEM)key is selecting the channels that have been memorized.
- (2). (VOL+) and (VOL-) Function: it is for temperature adjustment when the radio and CD functions are ineffective, while the radio or CD functions is effective, it is for volume adjustment; when the radio function is effective, press(TUN), it is for station selection.
- (3).It is for tuning upward function, and also the station searching function by pressing (VOL+) or (VOL-).

Technology Parameters

Character:

Rated voltage: AC 220V-240V	Rated frequency: 50Hz-60Hz
Rated current: 10A	Rated power: 2000 W
Insulated resistance: >20MΩ	Waterproof grade: IPX5

Load Configuration Parameters:

Load type	Rated load voltage	Rated load frequency	Rated power	Others
Water pump	AC 220V	50Hz-60Hz	1300W	
Wind pump	AC 220V	50Hz-60Hz	600 W	
Light	AC 12V		20W	
Ozone	AC 12V		5W	
Sound	AC 12V		8Ω/10W	

Controller Size:

Controller	135mm×80mm×80mm (L×W×H)
Generator	210mm×180mm×80mm (L×W×H)

Solutions

Reason	Cause Analysis	Solutions
NO Power	1.The power plug is not connected. 2.Line of control is not connected. 3.The light short-circuit and fuse is burn.	1.Connected with the power plug. 2.Connected with the computer line. 3.Change new fuse.
NO Sound	1.The soundspeaker is broken. 2.Feature set in the state of CD. 3.Speaker line is not connected.	1.Change the new soundspeaker. 2.Return the state of radio. 3.Connected with the line of soundspeaker.
Noise and Currentsound	1.Radio frequency is not adjust well. 2.Antenna is not display good.	1.Adjust the frequency. 2.Change the side of antenna.
CD NO Sound	1.The soundspeaker is broken. 2.Feature set in the state of CD. 3.Speaker line is not connected. 4.The CD does not power. 5.CD signal is not connected.	1.Change the new soundspeaker. 2.Return the state of radio. 3.Connected with the line of soundspeaker. 4.CD connected to power. 5.Connected with the signal line.
NO Light	1.The light is burn. 2.Light line is not connected or loose. 3.Connected the wrong light.	1.Change the new light. 2.Connected the light line. 3.Correct installation the load.
NO Qzone	1.The Qzone is burn. 2.Qzone line is bad.	1.Change the new Qzone. 2.Connected the line.
NO Water Pump	1.Water level switch is opean. 2.The outputline is broken. 3.The water pump is brocken.	1.Turn off the water level switch. 2.Connected the output line. 3.Change the new water pump.
NO Wind Pump	1.The wind pump is broken. 2.The outputline is broken.	1.Change the new wind pump. 2.Connected the output line.