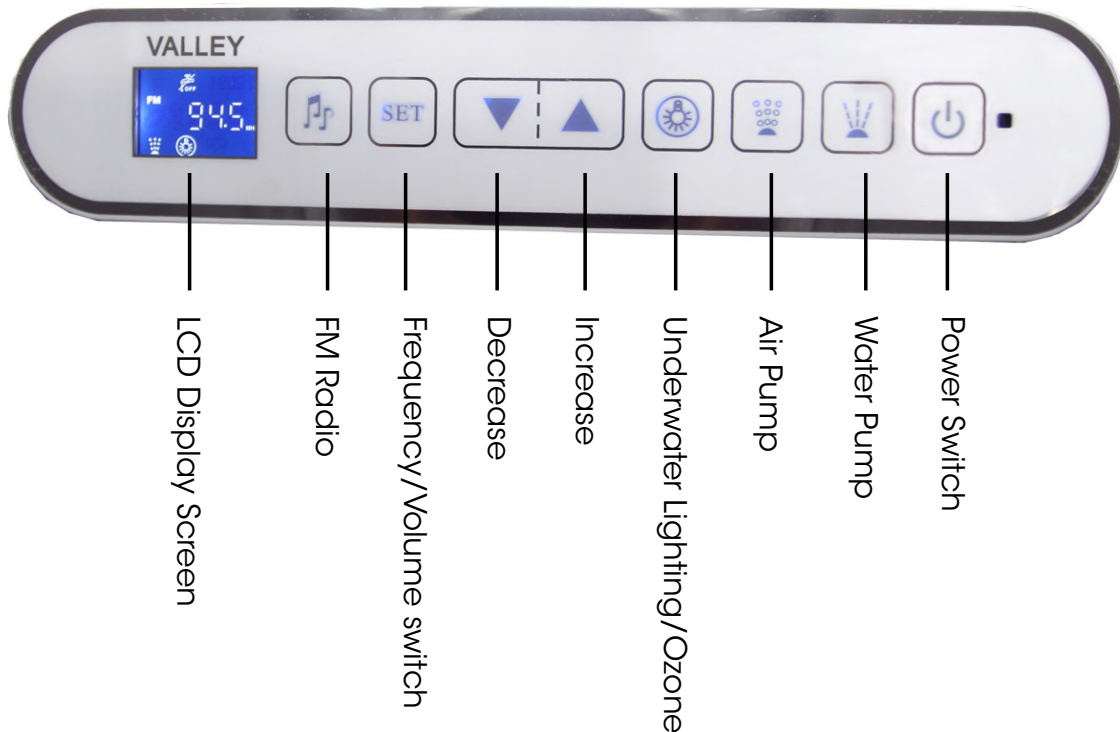


Instruction Manual

Bathtub Massage Controller

HLW-A-9203



PERFORMANCE

- Blue LCD display, induction key-press
- With functions of air pump, water pump, underwater light, ozone, etc.
- With water level sensor.
- FM radio function

INSTALLATION INSTRUCTIONS

The product should be installed to the reliable ground power supply lines.

Notes: in order to guarantee the performance of the product, the useful life of the product, guarantee the user's personal safety, users should read the following points carefully before using

VALLEY



**READ AND FOLLOW ALL INSTRUCTIONS
SAVE THESE INSTRUCTIONS**

The user must install the load strictly according to the circuit diagram and parameters that our company offers.

The user must use the qualified electrical wire of power supply of 1.5mm², the socket which is used in the controller power must be the qualified product of at least 10 As, and must be installed reliably. User should add and install a leak electricity switch of at least 16As in addition.

There shall be strict check on the connection of the electric power box and the controlled box, the output lines can't be connected in a short circuit. The machine can only be used with the correct connection. In order to guarantee a good radio signal, the antenna for tunit shall be adjusted to the suitable position and fixed.

Do not connect this machine with other electric appliances not recommended by the company, and do not take apart the hermetically sealed lines or the electric line from the power box or pull the plug-in units in or out. The machine shall be installed by a qualified and authorized technical specialist.

OPERATION INSTRUCTIONS

The functions of the control board are shown in Figure 1.

Switch on: Power status, press power switch to turn on the system, the screen displays "HELLO", buttons are ready.

Underwater lighting: Press underwater lighting/ozone button to turn on/off the lamp, (power rating: 20W, cannot be over 30W), the screen displays the related working status.

Ozone: Press underwater lighting/ozone for long to turn on/off the ozone, screen displays related working status.

Water pump: Press water pump to turn on/off the water pump, screen displays th related symbol, the water pump cannot open when short of water.

Air pump: Press air pump to turn on/off the air pump.

FM Radio: Press the FM Radio to turn on/off the radio.

System built with the frequency display, digital tuning, and automatic search/deposit station features.

1. Radio status press setting button for the first time, the radio will begin automatically. Status MHZ character twinkles, press decrease or increase button to down or up auto-search, it stops when it gest a clear station.
2. Press setting button for the second time, press decrease or increase to adjust the volume.
3. Press setting button for the third time, finish setting

Water level sensor: In lack of water, the water pump cannot be open, screen displays the related symbol.

Switch off: press switch button to turn off all the functions and displays.

Notes If not used for a long time, switch off the main electric power and do not let it be charged with electricity.

TECHNICAL PARAMETERS

VOLTAGE	AC110V(+10% ~-20%)/50HZ/60HZ
POWER BOX SIZE	200*135*70
CONTROL PANEL SIZE	182*30*40
COMPRESS STRENGTH	1250V/1 MIN
INSULATION RESISTANCE	» 200MΩ
WATERPROOF	IPX4
ELECTRONIC SHOCK	CLASS 1
WATER PUMP	AC110V/1HP
AIR PUMP	AC110V/1HP
UNDERWATER LIGHT	AC12V/20W
OZONE	AC12V/8W

RADIO

FREQUENCY RANGE	FM87.5MHZ ~ 108.0MHZ
MAXIMUM OUTPUT POWER	10W
SPEAKER	8Ω (WATERPROOF)