

Instructions for operation

STEAM SHOWER ROOM

(For all Steam shower room which was with whirlpool bath)

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NOTICE

- 1、 This product needs to be installed and debugged by a qualified electrician.
- 2、 The power supply of this product should has special circuits, there must be good grounding line of protection, the cable should be fixed for ever, the sectional area of the power supply cable should be thicker than $\geq 8\text{mm}^2$, users must install electric leakage protection switches in the supply line that the movement electric current is 30mA and the specified electric current is 16A (32A) .
- 3、 The power as AC 220V \pm 10%,50Hz(110V \pm 10%, 60Hz). (Products for export is customized as required)
- 4、 As the current is very high, the user's home has to request to install a leakage protection switch in the supply line before install this shower unit.
- 5、 The water pressure is 0.2~0.6Mpa.
- 6、 The temperature of hot water supplied to the bathtub Should be cooler than 70°C.
- 7、 Maintaining must go on under the disconnection power.
- 8、 A child, old man without self-care ability mustn't use alone.
- 9、 Strictly prohibit to start the water pump while no water, so as not to damage the seal gasket of the water pump.
- 10、 This equipment not supply to the people who with low corporeity, slow reaction or mental impediend, and including children, if this or such people need to use this equipment that a security responsibility for the guidance or assistance of safe is require. Children must be under the protection of an adult to use this equipment, so as to ensure its process is not in the shower caused play equipment unknown danger.
- 11、 the grounding quipment should always be connected to the fixed cabling. And it should be install a whole extreme switch on the location of $>3\text{mm}$ of the connection point in the fixed cabling.

Notice:

1. The content in this manual, is the total introduction for the function of all types and configuration, it is not all models that have these functions and configuration.

2. The products of our company are altered the old and bringing forth the new constantly, if has content difference with the original manual, will not issue a separate notice, please forgive.

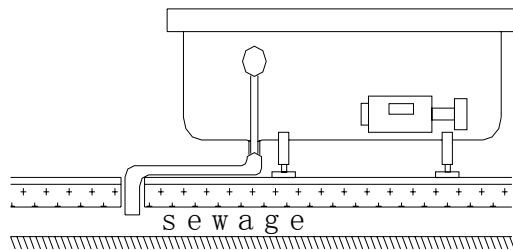
3. We the manufacturer will reserve the final explain right of this manual.

■ Instructions for use the bathtub

(1) The water supply and the drainage system:

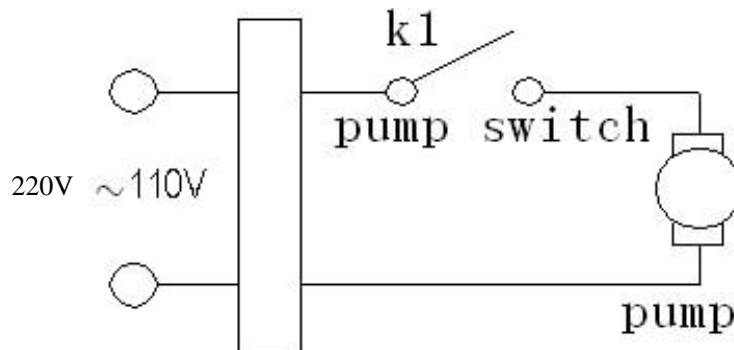
It supplies the cold, hot water through the corresponding water pipes respectively. Please pay attention to: at the time of installation please distinguish the cold and hot water pipe, don't connect the water pipe by mistake.

It drains off wastewater through a drainage hose of the drainer on bathtub, another end is in the sewage (the following sketch).




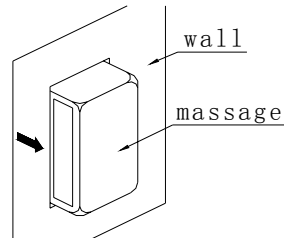
(2) The electric principle sketch of bathtub:

K1 is a air switch in sketch, the principle of this switch is to utilize the air pressure to act on the switch, Isolate the possibility that the electricity contact with water, can be used in security.



(3) Foot sole massager:

During the process of taking a shower, user that needs foot massage , can draw out the " foot massager " on the wallboard, put it in the bathtub, Open the cover of it ,then adjust the knob of the distribute water valve to the location "  ", open the valve, there will be strong water columns squirting from the massager at this moment, rub your foot to and fro on the plastic column of massager gently, then you can experience the peculiar enjoyment of " foot massage " at this moment

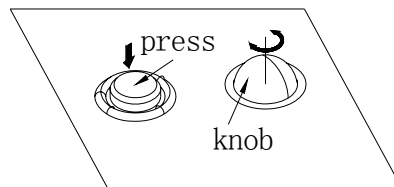


(4) use of the control switch:

The cool hot switch on the bathtub controls water that enters the bathtub and its temperature, need only to adjust the knob to the intake for entering water while using it (please consult the waterway sketch), and then lift single valves.

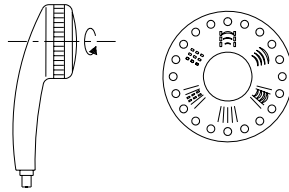
It is the electric control switch in the sketch below, " button " controls the switch of the water circulating pump, Press it for the first time in order to open the circulating water function, press it once again in order to close.

" knob " is a air current regulator switch, if turn in clockwise, the water current increases, contrariwise the water current minishs



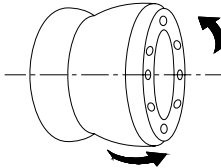
■ **Instructions for bathtub function:**

1) Usage of the hand shower:



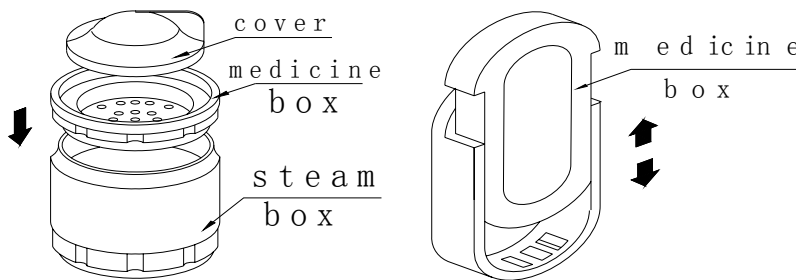
There are six kinds of marks on the hand shower (such as the right one in the sketch), if user swivel the orientation ornament ring on the shower (such as the left one), can experience different water spray fashion.

2) Usage of the needle nozzle of the wall



The angle of the needle nozzle of the wall can be deflexion random, the customer can enjoy the effect of acupuncture and cascade at any angle.

3) Usage of the steam medicine box



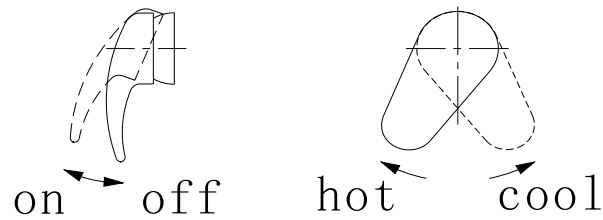
(Box 1 of medicine)

(Box 2 of medicine)

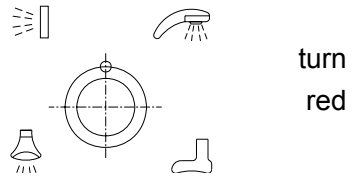
Take the medicine box upwards, put the spices or the Chinese herbal medicine properly, after opening the steam, fragrant smell or the flavor of the medicine can waft out with the steam , and overflow in the full steam

room.

4) Usage of the single tap and the dividing water switch

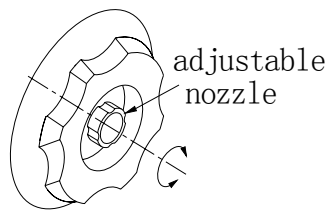


Lift the handle of the cool hot water switch outwards, turn left can flow hot water and contrariwise the cold water. Control the left and the right angle properly, let the cold and hot water mixed to reach the temperature that the needs. The below ketch shows the distribute water switch, the distribute water switch, make the point aim at the marks, and the corresponding one can flow water.



Distribute water switch

5) Usage of the adjustable spray nozzle of waterpower massage of bathtub

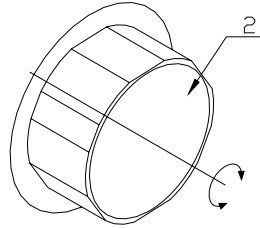


The adjustable spray nozzle can be deflexion random. namely adjust the direction of spray water. Can adjust the strength of the waterpower massage by turning the strength switch of the bathtub.

6) Usage of the draining off water device : (equipment with bathtub)

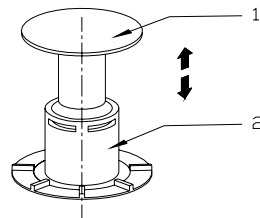
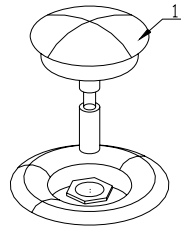
A) Drain out the water:

Rotate the knob(see as follow picture) clockwise (about 30° - 45°), the water will be drained out completely. Rotate the knob contrariwise (about 30° - 45°), the drain valve will be close.



B) Cleanness of the drain valve after drain out water:

If the drainage was jammed after the steam room has already been used for some time, should clean out the deodorizing drainage. (the following sketch)

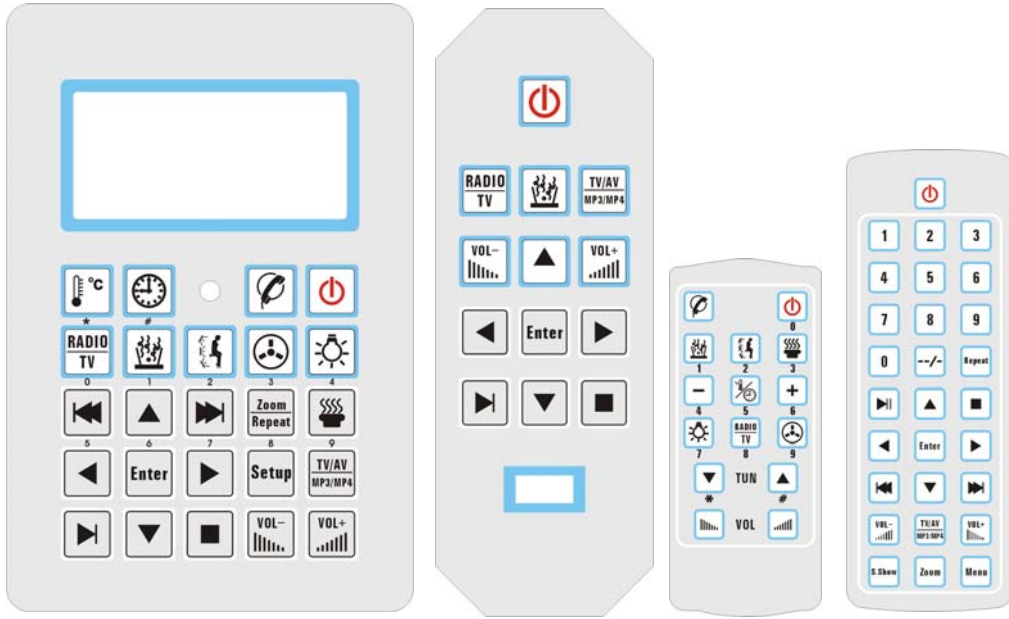


(Fig for equipment with the bathtub)

(equipment without bathtub)

Lift the drain cover upwards, then draw out the deodorant valve and wash it.

■ Illustration of the Control Panel
(MP3/MP4 Syncing)



























Sketchmap 1

Sketchmap2

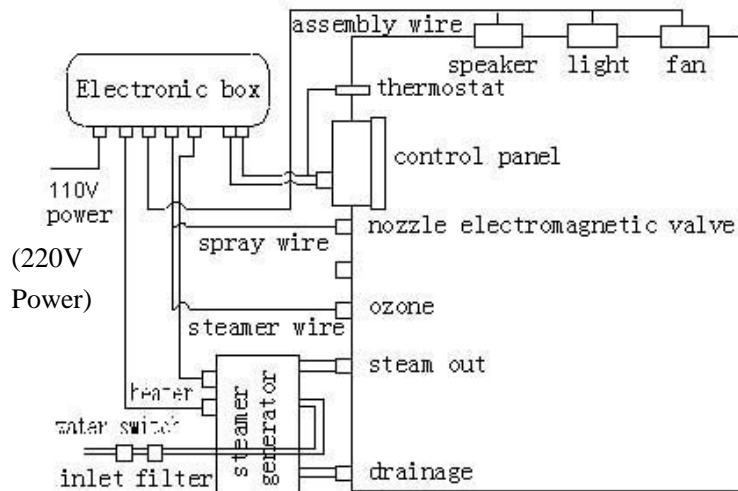
Sketchmap3

Sketchmap4

 POWER ON/OFF	 LIGHT	 FAN	 TELEPHONE
 STEAM	 TEMPERATURE SET	 SET UP	 SPRAY
 RADIO	 TV/AV/MP3/MP4	 TIME SET	 ZOOM
 ENTER	 PLAY / PAUSE	 STOP	 STEAM HEATER
 BACK	 NEXT	 VOLUME+	 VOLUME-
 UP DIRECTION	 DWN DIRECTION	 LEFT DIRECTION	 RIGHT DIRECTION

■ **Instructions for control system operation:**

This machine shall be installed with reliable, safe and grounded charging lines. The following below is the installation diagram:



installation diagram

- ◆ The main steam engine shall be vertically, firmly and properly installed on the back wall of a room or on the ground or by hang in the air.
- ◆ The power box may be suitably fixed on the wall of the room, and the antenna for tuning shall be drawn up and fixed. the control box shall be properly fixed on the wall of the room.

■ **NOTICE:**

- ◆ Only after strictly checking water intake pipes, steam pipes and connecting lines of the power control cabinet and confirming pipeline unblocked and wires in order can the product be switched on and work (Note : Never open the steamer in shortage of water).
- ◆ The main engine of the steamer and power control cabinet should NOT be installed in the shower room. The main engine must be

installed in the vertical direction showed by the arrow on the machine body.

- ◆ Inner hole of steam pipeline should be over 15mm. Installation of valves on the exhausting steam pipes is strictly forbidden.
- ◆ Electrical equipment not recommended by the manufacturers should NOT be connected to the machine. Unauthorized disassembling and repacking the already fixed wirings in the machine or pulling up and insert the wirings and plug-ins in the power control cabinet is strictly prohibited.
- ◆ Pipelines should be connected to the water outlet of the main steam engine in during installation in order to leading water to the drainage location of the room body. It is suggested that water purifier be connected to the inlet of the product so as to prolong the usage life of the machine.
- ◆ In hard water area, the main steam engine should be cleaned and water scale eliminated regularly. It is suggested that the main steam engine be checked every three months and cleaned according to the scaling situation. The procedures are as follows: dilute 5-10 grams of citric acid with 1.4 liter warm water, dismantle the pipe connecting to the outlet of the main engine, inject the citric acid solution from the outlet, connect the steam pipe, leave it aside for 60 minutes, switch on the machines and heat 30 minutes, switch off the machine and empty it.
- ◆ Connecting wirings of the power control cabinet should be connected according to the plug-in parameters and specifications, and output wirings should not be mutually short circuit.
- ◆ The machine should be installed in strict accordance with the installation regulations by qualified personnel

Note: The manufacturer shall claim no responsibility when users violate the provisions of the instruction and result in adverse consequences.

■ Computer-controlled steam Generator Operation Instruction Manual

■ **PERFORMANCE:**

- ◆ Color Liquid Crystal TV Display with multicolor, bright view and dynamic screen
- ◆ Automatic water intake when power on and automatic drainage when power off
- ◆ With steam, spray, TV, alarm, light, fan, ozone and other control functions
- ◆ Range of steam timing: 0~99 minutes; Range of steam temperature:30-60°C
- ◆ With automatic temperature control and multi-protective function from over-temperature, dry-heating, over-voltage, leakage and so on
- ◆ With side (upward, center, downward) spray, top spray and circulating spray and other spray mode
- ◆ Built-in stereo FM Radio module with automatic search/save station function
- ◆ External MP3 audio source
- ◆ Built-in telephone module with hand-free dial/answer function as well as remote control dial-up
- ◆ With waterproof remote controller

■ **INSTALLATION INSTRUCTION:**

- ◆ The product should be installed to the reliable ground power supply lines.
- ◆ The main engine of the steamer should be installed steady in suitable location of the machine room body in accordance with the vertical sign on the machine body, on even ground or hanging.
- ◆ Power control cabinet and controller are to be installed in suitable place of the room body or against tank wall. Antenna of the radio should be fixed extending outward.

- **NOTICE:**
- ◆ Only after strictly checking water intake pipes, steam pipes and connecting lines of the power control cabinet and confirming pipeline unblocked and wires in order can the product be switched on and work (Note : Never open the steamer in shortage of water).
- ◆ The main engine of the steamer and power control cabinet should NOT be installed in the shower room. The main engine must be installed in the vertical direction showed by the arrow on the machine body.
- ◆ Inner hole of steam pipeline should be over 15mm. Installation of valves on the exhausting steam pipes is strictly forbidden.
- ◆ Electrical equipment not recommended by the manufacturers should NOT be connected to the machine. Unauthorized disassembling and repacking the already fixed wirings in the machine or pulling up and insert the wirings

- **OPERATION INSTRUCTION:** Main controller, MP3/MP4 controller , remote controller and TV screen keyboard as showed in Chart One, two, three and four.
- ◆ **System Booting:** Press Power On/Off button to start the machine when electricity is on. The dynamic screen indicates current screen room temperature, lights are on and the system is in stand-by status.
- ◆ **Steam Function:** Press Steam button to switch on/off the steam function. The Dynamic screen displays steam symbols, indicating its working status. Steam will not function normally in water shortages and the dynamic screen display symbols of water shortage.
- ◆ **Temperature Setting:** Press Temperature setting button the first time and the dynamic screen will display the previously set temperature for vapor bath and the temperature unit -°C-. Continue press Temperature setting button to adjust required temperature for vapor bath, each press Temperature setting button once that the temperature increase 2°C. Dynamic screen usually shows ambient temperature. If the real temperature is higher than the set temperature the steam function fails to start.
- ◆ **Water Pump and Steam Heater Function:** Press the power on/off to start the water pump function. There is a sign of the water pump

on the screen means the water pump is working. Press the STEAM HEATER button ,can control the steam to heat up the water. When the temperature is lower than 38 degree centigrade,the constant key can open the steam to heat up the water;when the water temperatureis higher than 42 degree centigrade, the steam heaterwill be automatically off.

- ◆ **Time Setting:** Press the Time setting button the first time and the system will be changed to the status of setting time of vapor bath. Dynamic screen displays current time left for vapor bath and the time unit -min- (default value 20min). Continue press Temperature setting button to adjust required time for vapor bath, each press Temperature setting button once that the temperature increase 5min.
- ◆ **Spray Function:** The system has side (upward, center, downward) spray, top spray, circulating spray and other controlling mode. Press the Spray button once to start upward spray valve and dynamic screen will display displays symbol of upward spray; press the Spray button the second time to start center spray and dynamic screen shows symbol of center spray; press the Spray button the third time to start downward spray and dynamic screen shows symbol of downward spray; press the Spray button the fourth time to start circulating spray and spray in the order of upward, center and downward every five minutes; press the Spray button the fifth time to start top spray and dynamic screen shows symbol of top spray; press the Spray button sixth time to turn off all spray valves and screen display.
- ◆ **Light Function:** Press the Light button to turn on/off the light and dynamic screen shows symbol of light and its working status.
- ◆ **Fan Function:** Press the Fan button to switch on/off the fan and dynamic screen shows symbol of fan and its working status.
- ◆ **Telephone Function:** The system has built-in telephone module with hand-free answer function. When a phone calls in, the system will shut down the stereo output and issue phone rings. Press the Telephone button to directly answer the call. When the call is over, press the Telephone button to shut down the telephone function and return to the audio output status.

- ◆ **Radio/TV Function:** Press the Radio/TV button the first time to start radio function; press the Radio/TV button the second time to turn off the radio and turn on TV function; press the Radio/TV button the third time to turn off TV and turn on Media file play function; press the Radio/TV button the fourth time to turn off Media file play function. Dynamic screen displays corresponding symbols to indicate its working status.
- ◆ **Radio Function:** The system is embedded with stereo FM radio with frequency display, digital tuning and automatic search function. press Left/Right direction button when FM radio function is on and the system will search for radio stations between 88.0MHz~108.0MHz.

- ◆ **TV Function:** Press the TV button to switch on/off TV function and dynamic screen displays symbol of TV and its working status. Press TV Power On/Off button to turn on/off the TV. Press TV Channel +/- button to select channels. Press TV Vol +/- button to adjust the volume. press TV/AV button to switch between TV and AV. Press TV Menu button to switch on/off the menu of TV function settings. In the TV function settings, press TV Channel +/- button to choose the TV functionsthat needed and press TV Vol +/- to adjust and confirm corresponding TV functions.



- ◆ **MP3/MP4 Function(Optional):** In the Media file play function, Press the MP3/MP4 button the first time to start MP3 player function; press the MP3/MP4 button the second time to turn off the MP3 and turn on MP4 player function; press the MP3/MP4 button the third time to turn off MP4. Dynamic screen displays corresponding symbols to indicate its working status.

◆ **MP3/MP4 basic operate:**

1.Auto play: Insert the USB memorizer to the MP3/MP4 controller USB port, then turn on the power and press the MP3/MP4 button, system auto circulate play media file in the USB memorizer, until turn off the power.

2. Priority play order: If the USB memorizer have video, picture, MP3, the priority play order is video>picture>MP3.

3.file choose: Press stop button in the play process, stop the play and display file list. Press Up/Down/Left/Right direction button to choose file, then press Enter button can play the choose file. The icon "MP3/picture/video" of the File list inferior is media file main menu, press left/right direction button to choose icon, press Enter to show the file in the menu.

4.Funtion setting: Press setup button to enter funtion setting estate. Press Up/Down/Left/Right direction button to choose menu item, then press Enter button to setting. Done with the setting, choose EXIT SETUP to exit.

5.Other operate: press Play/pause to play or pause media file; press back and next to choose fore-and-aft file; press Repeat to repeat play media file; press Zoom to zoom in/out the picture.

6.Sustain file format: △MPEG1(VCD), file name *.MPG/*.DAT;
△MPEG2(DVD), file name *.VOB/*.MPG;
△MPEG4(DivX / XviD coding), file name *.AVI.

◆ **Volume Adjustment:** Press Vol +/- button to adjust volume of MP3/MP3, radio, TV and phone calls.

◆ **Add Essence/Liquid medicine:** Drop essence/liquid medicine from the screw hole on the top of the screw nut in the steam outlet of the steamer.

- ◆ **System Turn Off:** Press the Power On/Off button when the system is working to shut down all functions and displays. The system will open the drainage valve of the steamer in 30 seconds, close the drainage in 3 minutes, automatically switch on ozone function and switch it off in 10 minutes.

Note: Cut off the main power when the machine does not work for a long time to avoid continuous power-on!

■ **TECHNICAL PARAMETERS:**

Working Voltage: AC110V(+10%~-20%)/60Hz[or AC220/50Hz]

Power Control Cabinet Size: 255×185×70mm

Compressive Strength: not breakdown under 1250V/1 minutes

Insulation Resistance: » 200MΩ

Waterproof Degree: IPX4

Electric-proof: 1st class

Steamer: AC110V/3.2kw (AC220V/3.2kw)

TV Power: DC12V

Light: AC12V/20w

Fan: DC12V/5w

Radio: 1) Range of Frequency: FM88.0MHz~108.0MHz

2) Maximum Output Power: 10w

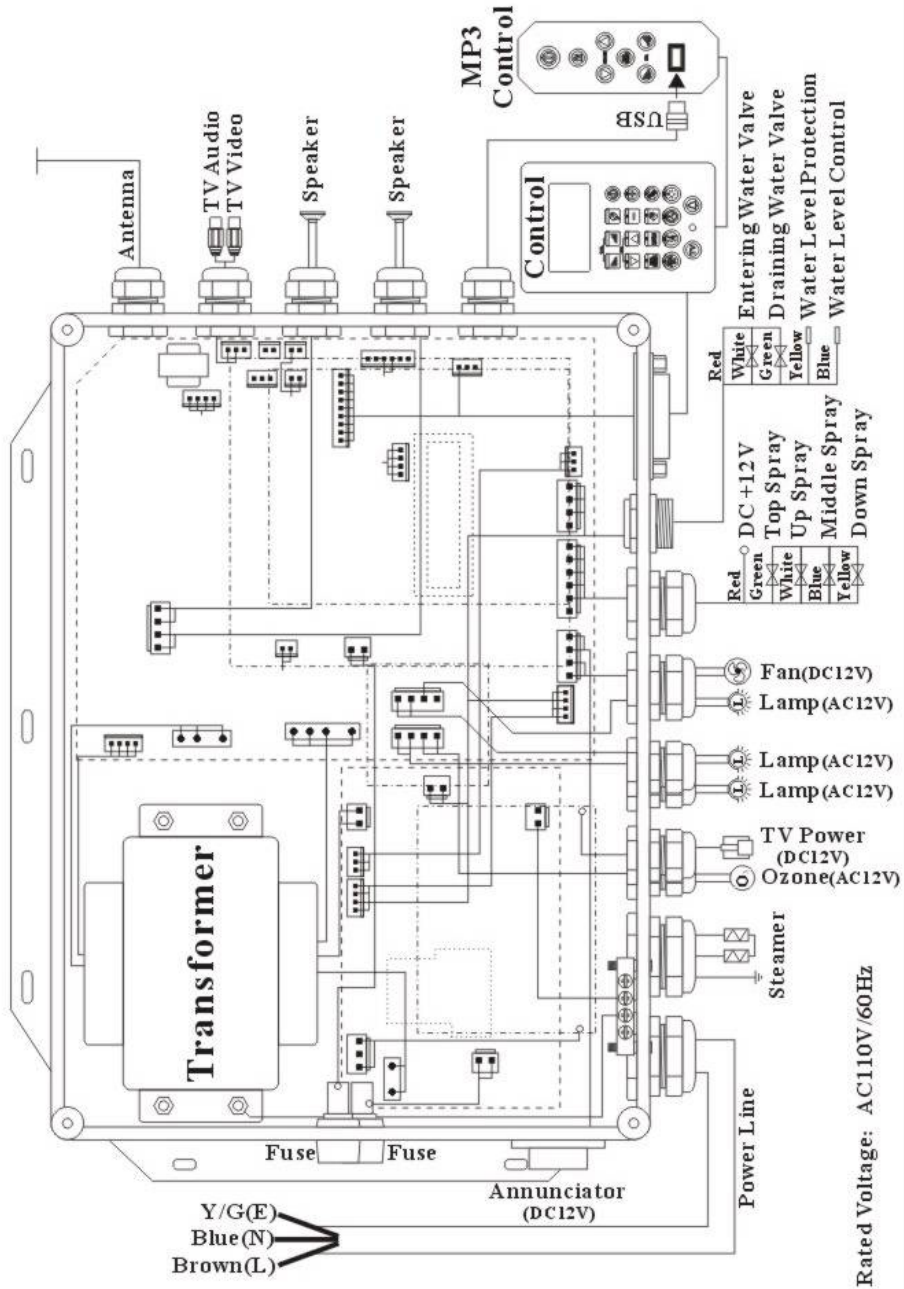
3) Loudspeaker: 8Ω speaker, damproof

Notes to usage the remote control:

The effective distance of this remote control is affected by the operating environment, should avoid to using it in the place having strong light and strong radiation, for fear it lose efficiency. At the same time barrier in the room can cause remote control lose efficiency too or the effective distance shortened.

ELECTRONIC BOX CIRCUIT

CIRCUIT CONNECTION MAP



■ Regular maintenance

- 1) Can clean with liquid detergent and soft cloth, Pay attention to not to use the acetone, ammonia and materials containing organic solvent to wash. Otherwise will make the bathtub surface destroyed.
- 2) If the room body surface has slight scotch or cigarette burn, polish it with waterproof abrasive paper NO.1200 first, then use NO.2000 waterproof abrasive paper to polish carefully. Finally use toothpaste to polish.
- 3) Maintenance of chromium-plating parts ; Wipe the chromium- plating parts lightly with the cotton flannel, make sure not to polish with the coarse cloth.
- 4) Washing the water conservancy massage system: Add to higher than the level of spray nozzle with the hot water of 40°C, Put into the right amount sanitizer, Start the water conservancy massage system about 5 minutes, Stop the pump and drain off water, then add the branch water, restart about 3 minutes of water conservancy massage, clean bathtub after stopping the pump and draining off water. While using water conservancy massage, don't add foam materials, don't use the excessive plant cosmetics, in case that the screen panel of return water be jammed.
- 5) Teak-decorated sheet and teak seat board should be wiped dryly by dried cloth after the shower finishes. If does not use the steam room for a long time , can take Teak-decorated sheet away , put it in the dry place.
- 6) Please keep the bottom basin clean, unscrew the cover of the outlet of the drainer regularly, and clear up the hairs and the filths, in case the drainage pipeline is jammed.
- 7) Using the vapor generator 30 hours later, propose adding 5-10 grams of citric acid to 1.5-2.0 liters of warm water, poured into the vapor generator by the rubber tube, let it parking 8 to 12 hours, then discharge sanitizer and water by electric heating.
- 8) the temperature of hot water supplied to the bathtub Should be smaller than 70°C.
- 9) After finishing using the bathtub, must disconnect power switch of the bathtub, close the bathtub and the water source (cold, hot water).
- 10) Maintaining must go on without the disconnection electricity.
- 11) Strictly prohibit starting the water pump while no water, so as not to damage the seal gasket of the water pump.
- 12) Before and after the use of this equipment it should be notice to the cleanness sanitation; In order to avoid any damage to the equipment it's not allow too rude to use this equipment. Do not touch with such as ink or feculency to the crust of the equipment; after each use, it's request to clean with soft cotton towels lightly and let it dried naturally; In order to avoid circuit fault, the circuit can not contact with the

water during cleaning.

■ General trouble obviation

Possible Phenomena	Cause	Solution
MP4/MP3 does not work normally, no image, but sound is normal	the USB video cable connected improperly or the tv set power wire disconnected	refix the USB cable
MP4 does not work totally	USB cable connected incorrectly or the linker broken completely	connecting the wire correctly and fixing a new linker
noisy or hum from speaker when MP3/radio working	there may be static on the surface	connecting the groundwire correctly
The TV has image but no sound	video & audio cable connect in wrong way	check the video & audio cables and connect them in the correct way according to installation manual
The TV has got a reverse image	maybe the buttons has been push in carelessly way during installation.	press the MENU, then press the CH+ to choose SYSTEM and press VOL+ for confirm, then press CH+ until the image has set in the correct way then press VOL+ to confirm.
the TV set shut down suddenly after last working normally for a while	the voltage was not stable or the device converting alternating to direct current did not work normally	fixing a new converting device for replace
movable showerhead and top showerhead works at the same time	the top showerhead water pipe was connect to the movable showerhead, and the movable showerhead's water pipe was connect to the top showerhead	interchange the two water pipes connection

water oozes from the steam outlet and it shows NO WATER on the main control panel	the electronic power box has problem, the CIP must be turned off	change the CIP inside the electronic power box or change a new power box
water oozes from the steam outlet but do not show NO WATER on the main control panel	the water inlet valve has been damaged	change the inlet valve
wind pump/water pump burnt out	the stop-valve in the pipe did not work, so resulting in the water reflux	repair with a new wind pump/water pump and fix a new pipe with stop-valve
bathtub leak with water	drainer leak	put some glass glue around the drainer edge, or change with a new drainer
	massage jets leak	put some glass glue around the jets edge, or change with a new jet and put glass glue to protect
Power Failure	Power plug is loose.	Plug in firmly.
	Protection switch trips	Locate and solve the short-circuit fault, then reset the protection switch.
No response to press of any functional key on the control panel	Indicator is normal while the function is out of control.	Check the circuit of main board.
	Action is ineffective or out of control.	The touch key or control unit has broken down. Change with a new panel.
No steam	The steam generator has no water.	Check the water supply and cold/hot water intake valve.
	The heating tube of steam generator has broken down	Replace the heating tube.

	Temperature or level detector breaks down.	Check circuit or replace the detector.
	Thermal protection switch fails.	Repair or replace.
	Thermal protection is disconnected.	Reconnect or replace.
	The preset time is out.	Reset the time as required.
	The temperature setting is lower than room temperature.	Set the temperature higher.
Protection switch trips	Short circuit caused by incorrect connection at the bottom of steam generator.	Connect the half yellow and half green wire to the steel chip.
	Short circuit caused by leakage of heating tube of steam generator.	Replace heating tube.
	Short circuit on the circuit board.	Circuit service.
Water oozes from steam generator	Level probe is ineffective.	Check the probe and connection.
	Intake solenoid valve fails or has impurities.	Check and replace solenoid valve or remove the impurities.
Steam generator dry burns with smoke	The warning pipe of steam generator is blocked.	Clean the air vent of steam generator.
	The intake solenoid valve is damaged.	Replace the solenoid valve.
	The level detector is faulty.	Replace the level detector.
No or small spray	Water pressure is too low.	Check water supply pressure. If it's possible to add a pressure pump on to your main water supply.
	The filter screen of cold/hot water intake valve is blocked.	Clean filter screen.

	The water supply pipe is fractured or blocked.	Replace or clean water supply pipe.
	The spray-switching valve is not turned on or seizes up.	Turn on or repair the valve.
No water coming out of the upper or lower nozzles	Nozzles are blocked.	Remove impurities.
	The solenoid valve breaks down.	Repair or replace.
	The circuit is disconnected.	Connect the circuit.
Water coming out of a few nozzles	Low water pressure	Install pressure pump.
Back massager is noisy or unmovable	Back against rear panel too heavily.	Back against the rear panel gently.
	The crash pad is broken.	Replace the crash pad.
	The retaining screw is loose.	Check and tighten screw.
	Massager circuit is disconnected and not welded.	Connect or weld again.
	Poor contact of massager.	Calibrate the steel chip to have good contact.
	No 3V output from master control board.	Replace the master control board.
	The electric motor seizes up.	Open the case to adjust the screw.
	The electric motor is damaged.	Replace electric motor.
Leakage of water pipe at the back of steam bathroom	Defective O-ring.	Replace O-ring.
	Weak interface bonding	Bond again (with PVC glue)
	Clamp is loose.	Tighten clamp.
Water spills from the outlet	Fault of water level detector.	Service or replacement.
	Intake solenoid valve is damaged.	Replacement
	Too high water pressure	Install intake valve to reduce water pressure.
	Eddy current in the steam tank.	Replace steam tank.

	The floater is detained in the steam tank.	Remove impurities.
No lighting	Poor contact of lighting connection.	Check connection, lamp socket and lamp holder.
	Damage of bulb or tube	Replace (12V, 10-20W) bulb or tube.
	No voltage output from computer control box.	Replace computer control box.
Ventilation fan doesn't work	Poor contact or reverse of wire	Check and reconnect circuit.
	No current output from computer control box	Replace computer control box
	Burnt line of ventilation fan.	Reconnect or replace
Abnormal loudspeaker	Poor contact or no audio input	Check joint or connection to audio.
	No current output from computer control box	Replace computer control box.
Abnormal phone	Blocked microphone sound hole	Clean the sound hole.
	Poor contact.	Check for proper connection.
	Volume button is not turned on.	Turn on and adjust the volume to proper level.
	Fault of microphone.	Replace microphone.
Poor effect of radio receiving	No channel signal	Inquire the local broadcasting and try again when signal is received.
	Inaccurate frequency	Readjust.
	Short antenna or signal interference	Extend antenna or turn off other communication equipment that interferes.
	Strong magnetic-field interference nearby	Remove the magnetic-field interference.
	Signal obstructed by high buildings nearby	Move the antenna outdoors and raise it.
	Fault of radio board	Replacement.

Ineffective remote controller	Low battery of remote controller.	Replacement.
	Reverse positive and negative of battery	Install battery in the direction as indicated.
	Improper angle of remote control	Aim at the control panel.
	Strong magnetic-field interference nearby	Use control panel directly.
water pump do not operate	<ol style="list-style-type: none"> 1. the air switch is not tight and leak pressure; 2. air switch is ineffective; 3. the plug not inserted or power supply abnormally; 4. there are sundries that blocks the water pump impeller; 5. the water level not reached the height stipulated. 	<ol style="list-style-type: none"> 1. insert the air pipe closely; 2. adjust the air switch; 3. insert the plug closely; 4. remove sundries; 5. add water to the suitable height.
can't adjust the massage strength	<ol style="list-style-type: none"> 1. power supply is abnormal; 2. the strength adjusting does not act; 3. the large air pipe not been inserted closely. 	<ol style="list-style-type: none"> 1.Insert the plug closely 2.Adjust the strength adjusting 3.Insert the air pipe closely
The water pipe leaks	<ol style="list-style-type: none"> 1.Seal gasket is not good 2.The nut not been locked tightly, interface place sticking is bad 3. The inner layer in the water pipe breaks 	<ol style="list-style-type: none"> 1.Change the seal ring. 2.Screw down the nut, and seal the interface. 3.change the water tube.
The underwater LED light is not bright	<ol style="list-style-type: none"> 1.The fuse of the light is melted 2. No water in the bathtub or the water not high enough 3.The light bulb has been out of order. 	<ol style="list-style-type: none"> 1.Change the fuse with specification. 2.Add water to be higher than the nozzle. 3.Change the light bulb.

The radio reception is bad	<ol style="list-style-type: none"> 1.The Model Y aerial not been drawn well 2.The frequency of radio station not been set well 3.Users are in the weak signal area 	<ol style="list-style-type: none"> 1.Draw back the “Y” antenna, and make it to the best direction 2.set the frequency of radio station again, <p>If it is not good to set automatically, can adjust it manually</p>
The main plug trips	<ol style="list-style-type: none"> 1.There is leakage of electricity in water pump or in other load. 2.The total outlet itself has already been damaged. 	<ol style="list-style-type: none"> 1.Check and change the leak electricity load 2.Change with the same sharp plug.