

**EAGO**

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**EAGO**

**AM198S 199S Installation Instruction**

## Safety Information

- 1.Please read carefully and follow all instructions when operating.
- 2.Qualified earth leakage circuit-breaker must be installed and tested with trial jump to certify the device is qualified and safety before using the product.
- 3.To avoid electric shock, the replacing of the wire must be done by the electrical engineer or the retailer. Customer could not replace just by yourself. The wire for CT,TS series shall be:3\*1.5 mm<sup>2</sup>; The wire for TS-1,CL,CW , CW1 and S series shall be 3\*1.0 mm<sup>2</sup>.
- 4.Ground wire of massage water pump and air pump must be connected to ground well, the minimum size copper wire of ground wire must not be less than 1.5mm<sup>2</sup>.
- 5.It is forbid to remodel, add or take part products.
- 6.Please don't use this product after alcohol or drugs.
- 7.The children shall be closely supervised by parents to use product.
- 8.All the electrical spare parts except the remote control must be put suitable and stable to avoid slip into the tub.
- 9.Warning:the mixed water temperature shall never exceed 60 degree centigrade.
- 10.Don't use sulphuric acid, hydrochloric acid, lye and other mixed strong corrosive chemical liquid to clean product.
- 11.The water pump would be very hot when running.Please don't touch the surface of the machine to avoid scald.
- 12.The water level must be higher than the jet before turning on the product.
- 13.Please don't drop anything in or insert in water pump and the opening hole of machine.
- 14.Warning: Avoid electrical shock, the GFCI/RCD (Earth Leakage Circuit Breaker) must be installed to ground socket for protection.
- 15.Warning: Avoid electrical shock, not allow to useing extended power wire.The socket position should be suitable.

## Maintenance instruction

### 1.Clean the acrylic surface :

Clean acrylic surface with cotton flannel or sponge and water in daily life. If there is scratch on the surface, please use No. 1500 water abrasive cloth polishing slightly to clear away scratches, and then polish with toothpaste, cotton flannel. Please don't use strong caustic chemical liquid, such as sulphuric acid, hydrochloric acid, lye during maintenance.

### 2.Plated item maintenance:

Clean the surface of plated item with cotton flannel, please don't use coarse cloth.

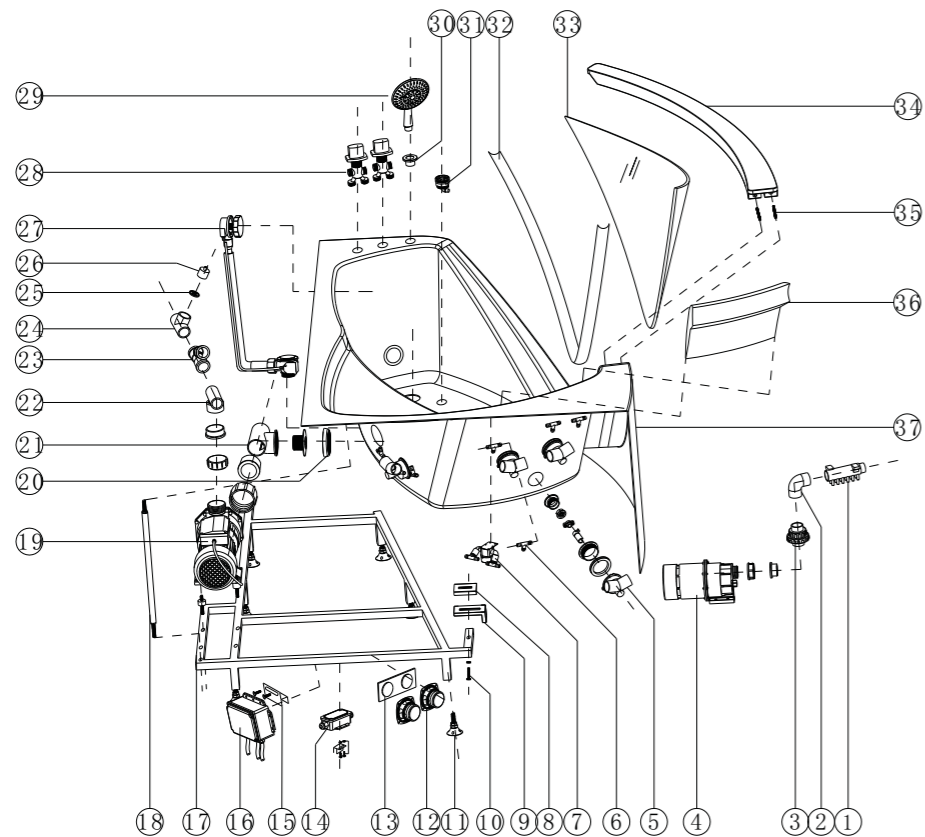
### 3.Suction net cleaning:

Turn the screw out and take the suction net out to clear dirt, to keep the water going through smoothly. Don't use strong causticity chemical liquid to clean the product, such as sulphuric, hydrochloric acid, lye and so on.

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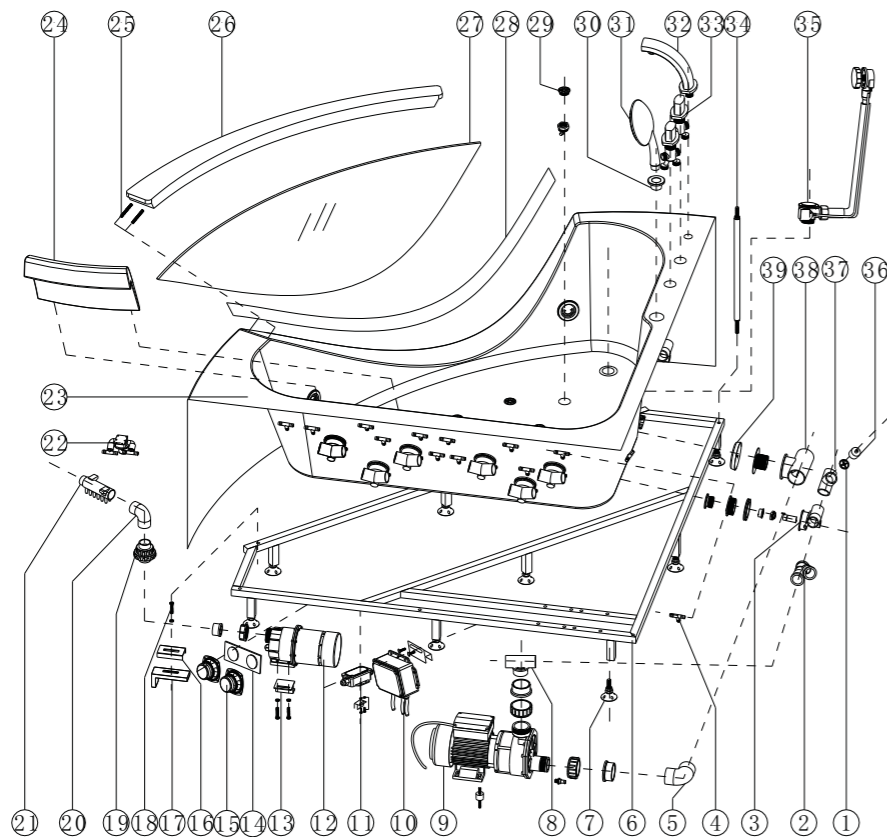
# AM 198S Components Instructions



# AM 198S Components Instructions

1. Sub valve	2. Elbow pipe	3. Drainage valve	4. Wind pump	5. Nozzle	6. T-three way fork	7. Automatic sub valve
8. White gasket	9. White screw cover	10. Hexagon screw	11. Ground leg	12. Loudspeaker	13. Loudspeaker installation panel	14. Junction box
15. Computer panel fixed clip	16. Computer panel	17. Stainless steel frame	18. Adjust frame	19. Water pump	20. Chrome-plated filter screen	21. Plastic water back
22. Extended plastic	23. Skew three-way valve	24. Three-way valve	25. One-way plastic plug	26. Big-small rotor	27. Plastic drainer	28. Faucet
29. Shower head	30. Waterproof shower head socket	31. Bubble lamp	32. White adhesive tape	33. Skirt panel glass	34. Handle	35. Crew
36. Pillow						

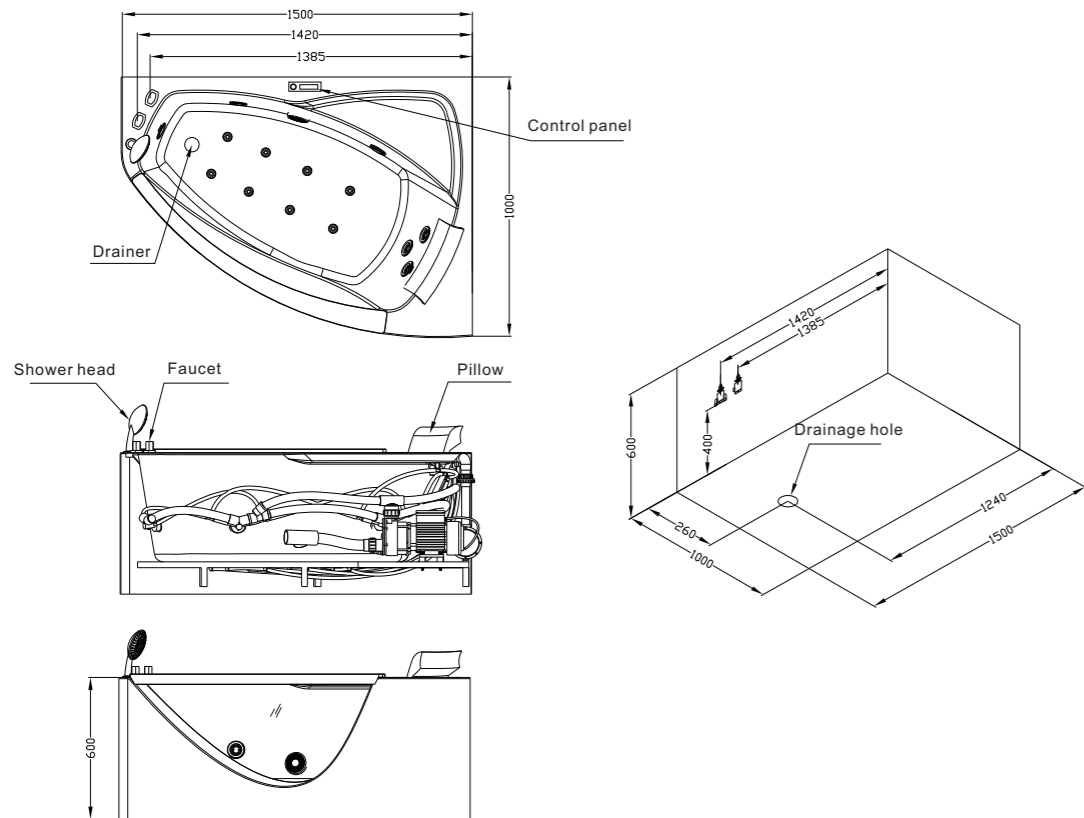
# AM 199S Components Instructions



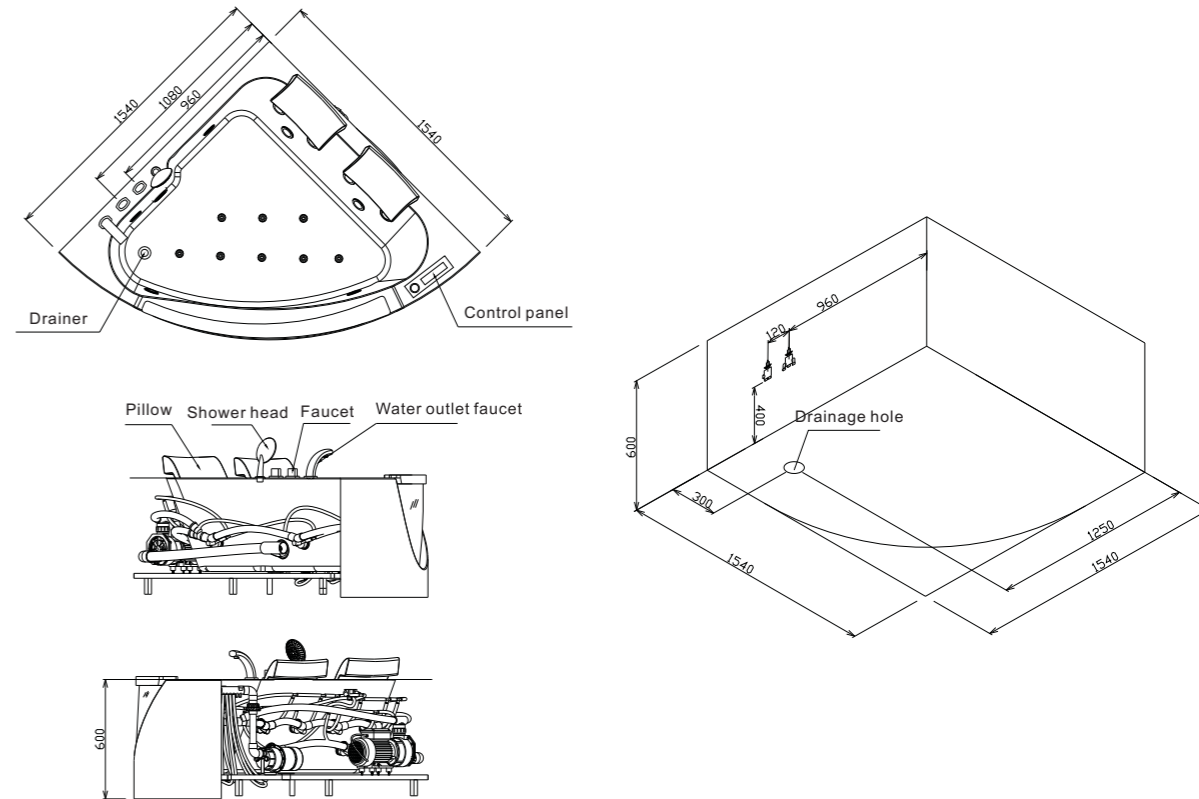
# AM 199S Components Instructions

1. One-way plastic plug	2. Skew three-way valve	3. Nozzle	4. T-three way fork	5. Elbow pipe	6. Stainless steel frame	7. Ground leg
						
8. Extended plastic	9. Water pump	10. Computer panel	11. Junction box	12. Wind pump	13. Computer panel fixed clip	14. Loudspeaker installation panel
						
15. Loudspeaker	16. White gasket	17. White screw cover	18. Hexagon screw	19. Drainage valve	20. Elbow pipe	21. Sub valve
						
22. Automatic control sub valve	23. Bathtub	24. Pillow	25. Screw	26. Handle	27. Skirt panel glass	28. White adhesive tape
						
29. Bubble lamp	30. Waterproof shower head socket	31. Shower head	32. Water outlet	33. Faucet	34. Adjust frame	35. Drainer
						
36. Big-small rotor	37. Three-way valve	38. Plastic waterback	39. Chrome plated filter screen			
						

## AM 198S Water and electricity installation diagram

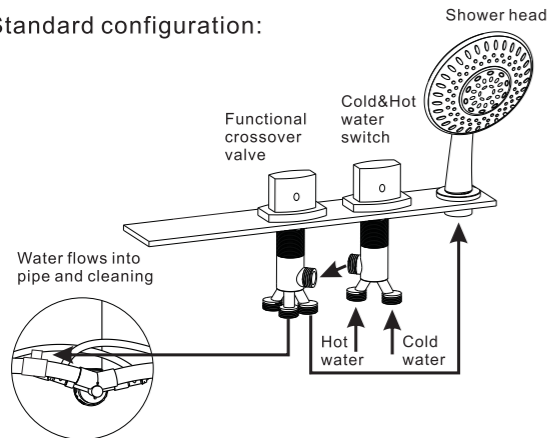


## AM 199S Water and electricity installation diagram



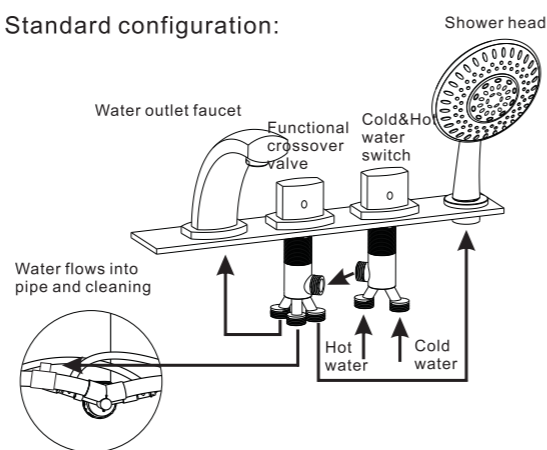
## Water pipe of faucet connection diagram

Standard configuration:



AM198S Water pipe of faucet connection diagram

Standard configuration:



AM199S Water pipe of faucet connection diagram

## Installation Steps

The product adopts standard accessories, please follow product specifications to install product:

1. Confirm product installation place→2. adjust product to level→3. connect water inlet and drainage pipes→
4. connect power→5. check and clean→6. reset→7. test with water.

### 1. Confirm product installation place

Please refer product specifications to arrange sewage pipes, power socket and water inlet pipe, then check if there is enough space to connect every part.

### 2. Adjust product to level

Adjust movable ground leg of product till level.

### 3. Connect water inlet and drainage pipes

## Installation Steps

Drainage pipe is in the bottom of tub, the diameter of water drainage outlet is 38mm, and pipe could be bended and stretched; inserting drainage pipe elbow of tub into customer's drainage system pipe with adhesive tape or glass cement during connection. In case of influencing draining water, pipe could not be folded or squashed.

### 4. The Power Connection

The product is adequate for all purchasing requirement power, please follow technical parameter to install power socket and prevent from water, put plug into power socket. (Note: yellow & green wire of water pump are ground wires, diameter of ground wire is 8mm)

### 5. Check and clean

After above steps, please check that if the each joint is sealed well, and then clean up sundries of tub. Open drainer to clean tub with water. To prevent sundries or floating objects stuck in water pump from pipes and nozzle jamming; please clean sundries out from tub.

### 6. Reset

Move product to installation place.

### 7. Test with water

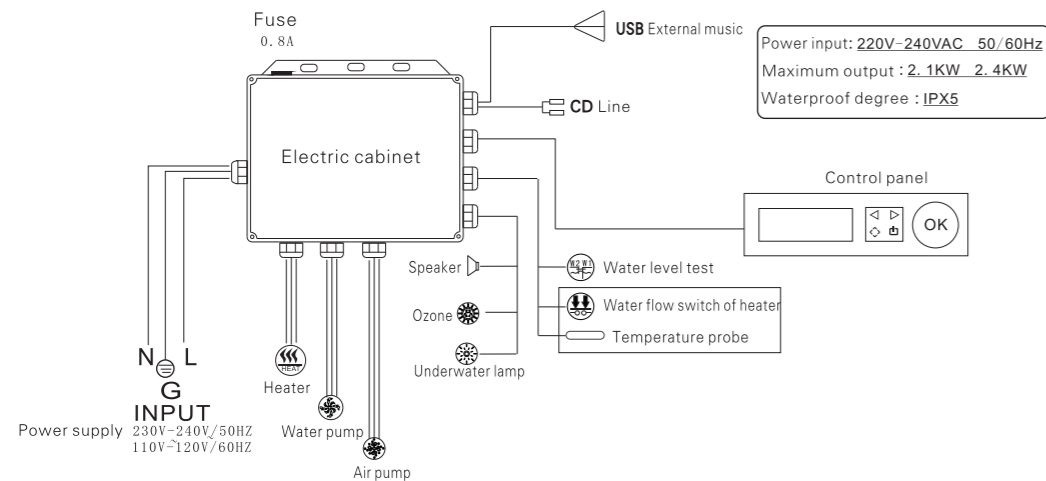
Please confirm the tub is cleaned up, and then close drainer to store water. Check if there is leakage during water test. Till water is higher than water level probe, follow functions instruction of control panel to operate product.

## Wires connection of massage bathtub installation diagram

### Electric parameter

Spare part	Massage pump	Ozone generator	Bottom camp	Magnet valve	Computer control panel	Loudspeaker	Notes
Rate voltage	AC220-240V/50HZ	AC12V	DC12V	DC12V	AC220V/50HZ		
Rate voltage	AC110-120V/60HZ	AC12V	DC12V	DC12V	AC120V/60HZ		
Rate power	1125W	5W	3W	5W		15W	

## 9651 Control system wires connection diagram



## Installation and Important Notice

Please read the following important notice carefully for using product normally to extend service life of product and assure personal safety of customer.

1. User should follow wire diagram and specification instructions strictly to fix product.
2. Ground wire of controller should be connected to power supply wire in well ground wire condition.
3. User should use 3x2.5mm<sup>2</sup> or diameter wider power supply line, which meet national standard (GB); power socket should be 30A or more than 30A, the product meets national standard (GB).

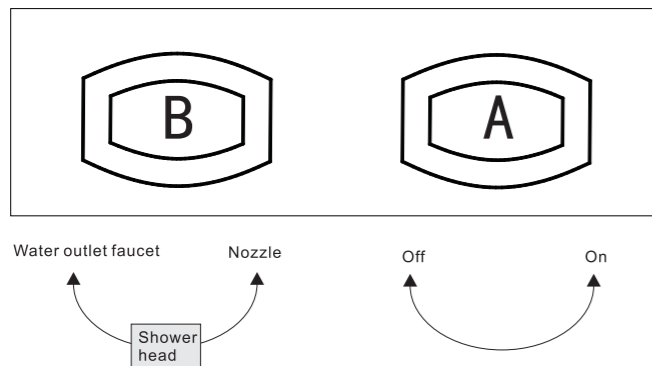
4. User should use extra 30A or more than 30A, the air switch or anticreeping switch should meet national standard (GB). The anticreeping switch only uses for assisting
5. Please inspect power line of control box strictly. Connect electricity after confirming.
6. Electrical equipment of illegal manufacturers should not be connected to the controller; it is prohibited to take part product, remodel lines (being sealed) or plug-in components of power box when connect to power voluntarily.
7. Connection lines of power box should follow number and specification of plug-in components to connect, output lines should not be connected short circuit.
8. The product should be disconnected to power after using the product in order to avoid accelerating aging by longtime power connection.
9. Controller installation should strictly follow installation instruction to fix by qualified personnel.
10. There is no repairable component in controller, please don't try to improve yourself. High voltage of controller can lead to dangerous, please ask professional personnel to maintain or adjust. If user breaks any operation steps, our company will not afford any responsibilities.

## Test with water steps

The product uses standard accessories, please refer to product tech parameter and follow the installation steps: Confirm the installation place of product → connect drainer → connect pipes → check and clean → test with water.

1. Confirm the installation place of product. Please refer tech parameter to arrange sewage pipe, power socket, water inlet pipe, and check if there is enough space for connection.
2. Connect pipes  
Drainage pipe is in the bottom of bathtub, the diameter is 38Φ, and the pipe could be bended optionally. Please put angle bend of drainage pipe into customer's drainage pipe of drainage system with adhesive tape or glass cement to seal it.
3. Connect water inlet pipe  
Water inlet pipe is chequered tube with high pressure resistance. Please connect cold and hot water joints as direction. For convenient using and maintaining, please install valves in cold and hot water supply pipes.
4. Check and clean  
After above steps, please check that if each joint is sealed well, and then clean up sundries of bathtub. Open drainer to clean bathtub.
5. Test with water  
Please confirm the bathtub is cleaned up, and then close drainer to store water. Check if there is leakage during water test.

## Faucet switch diagram



## Instruction

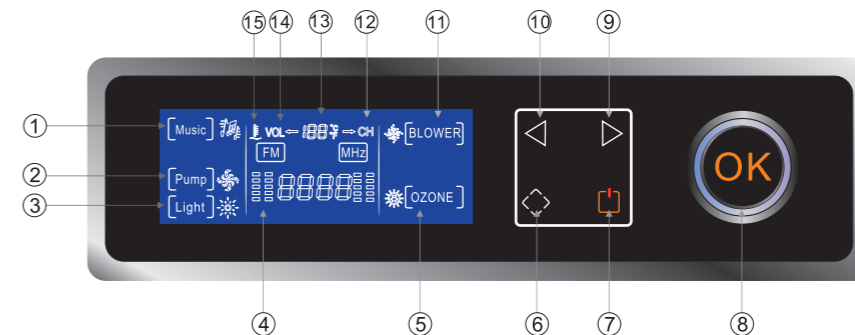
Two-piece faucet instruction:

Installation way: Left is cold, right is hot.

- A. Cold&Hot water inlet valves are for cold and hot water inlet. Red or H symbol in water inlet pipe is hot water inlet. Blue or C symbol in water inlet pipe is cold water inlet. According temperature symbol in faucet to adjust your favorite temperature area.
- B. The valve is functional cross-over valve. 0° position is shower head water inlet. Turn left 90° is nozzle water inlet. Turn left 180° is faucet inlet. The product designs for water going in from nozzle, also could be used to adjust shower head water in or water in from water outlet faucet. Water in from shower head is usually for body, head cleaning or etc. places. (Only for AM199S)

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## PR9651 control panel instruction



- ① Radio/Audio icons and operation status
- ② Surfing water pump icon and operation status
- ③ Light icon and operation status
- ④ Frequency hopping status
- ⑤ Ozone icon and operation status
- ⑥ Menu/ function switching/channel memory button
- ⑦ Power on/off button
- ⑧ Confirm button of rotary style function
- ⑨ Right/increase button
- ⑩ Left/reduce button
- ⑪ Bubble shower icon and operation status
- ⑫ English Channel symbol
- ⑬ Volume/channel number
- ⑭ English volume symbol
- ⑮ English temperature symbol

## Remote control characteristics

- 1) rated voltage : AC220V-240V
- 2) voltage range : AC180V-248V
- 3) rated power : 50HZ/60HZ
- 4) controllable electric current : <16A
- 5) standby power : <10W (Close all loads)
- 6) environment temperature requirement : +5°C ~ +40°C

## PR9651 control panel instruction

### Devices being controlled by control system

- |                      |               |                   |            |
|----------------------|---------------|-------------------|------------|
| 1)surfing water pump | : AC220V/900W | 4)ozone generator | : AC12V/6W |
| 2)air pump           | : AC220V/200W | 5)magnet valve    | : DC12V/5W |
| 3)underwater lamp    | : AC12V/20W   | 6)speaker         | : 8Ω 10W   |

### Control panel operation instruction


1. Press any function button would sound a Di Di by buzzer.





2. Rotary button 

2.1 The rotary button could turn clockwise and anticlockwise. The rotary button rotates a space for one operation. In different circumstances functions are different. Clockwise rotation stands for rotating clockwise, anticlockwise rotation stands for rotating anticlockwise.

3.Character, icon and cursor display styles instruction

3.1 **Music** is function direction character, all these icons display after turning on the product.

3.2  is movable cursor. It displays one cursor at the same time. Turn rotary button clockwise, cursor goes upward, turn rotary button anticlockwise, cursor goes downward.



3.3  and so on are function direction characters. Function icon doesn't display if cursor is not chosen. When a function is chosen by cursor, it displays the icon of the function, and when the function is started, it display dynamic icon, otherwise it display static icon. Such as radio function, when cursor moves to **Music**, it displays  on the right of **Music**, press , it displays .

The following function descriptions are same as the mentioned process, here will not repeat.

4.  Power switch

4.1 When press this button, control system starts operation. When press this button again, control system shutdown.



5.  Bubble shower

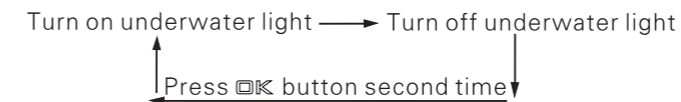
5.1 If water of bathtub reaches set value(it depends on water probe installation place), the  will move to **BLOWER**, press  slightly to start air pump.

5.2 If water of bathtub doesn't reach set value to start bubble shower function, it will be taken as pipelines blow-dry function to operate 10 minutes then shutdown automatically.

## PR9651 control panel instruction

6.  Underwater light

6.1 Press power switch to start underwater light and it displays liquid crystal icon. Move  to **Light**, and then press  to turn off underwater light. Press  again to turn on underwater light, circling like this:








7. Ozone sterilization

7.1 Move  to **OZONE**, press  to turn on ozone sterilization function and liquid crystal displays  icon; press  again slightly to turn off ozone sterilization function,  icon stop twinkling.

7.2 Ozone sterilization function will start when turn on system. If ozone sterilization is not turned off, system will turn off the function in 10 minutes automatically.

8. Water pump surfing

8.1 There is water level test device in the control system to prevent water pump from running idle to damage water pump under less water or without water.


8.2 When water level test device reaches set value, move  to **Pump**, then press  to turn on water pump, and liquid crystal displays  icon; press  again to stop water pump,  icon stop twinkling.








8.3 When water level test device is lower than set value, the water pump function can not be turn on.

8.4 When water pump is working, water level test device tests it is lower than set value, water pump will stop working automatically. If the device tests water level reaches set value, water pump will start working automatically.

9. FM digital radio

9.1 FM broadcast receiving frequency range is 87.5MHz-108.0 MHz.


9.2 FM radio/external CD program player switch .

9.2.1 Move  to **Music**, press  to enter FM radio broadcast, liquid crystal displays ; press  again to change CD program play, and liquid crystal displays  icon; press  again to stop CD program play,  liquid crystal stop twinkling.

## PR9651 control panel instruction

9.3.1 a space could add a step length(1step length=100KHz) tuned frequency. If press the button over 2 seconds, system will search FM program upwards, digital lock will lock the program automatically, liquid crystal displays the corresponsive frequency; when it reaches upper limiting frequency 108.0MHz to press the button, frequency will turn to 87.5MHz.

9.4.1 :press the button to reduce a step length(1step length=100KHz) tuned frequency. If press the button over 2 seconds, system will search FM program downwards, digital lock will lock the program automatically, liquid crystal displays the corresponsive frequency; when it reaches lower frequency limit 87.5MHz to press this button, frequency will turn to 108.0MHz.



9.5 Add volume (under radio or CD status, press  till **VOL** icon and number twinkling)

9.5.1 There are 40 modulation grades; each grade is 2dB, volume range is-80dB to 0dB. Liquid crystal displays volume value during adjustment and the final adjustment volume is set volume.

9.5.2 Press once to add 2dB. When press the button over 2 seconds, volume will increase 2dB by 10dB per second.

9.6 Reduce volume (under radio status, press  till **VOL** icon twinkling)

9.6.1 Press once to reduce 2dB. When press the button over 2 seconds, volume will decrease 2dB by 10dB per second.

9.7.1 Program memory: when memorize a frequency, press  2 seconds and liquid crystal displays  and the channel; choosing memory position and press 2 seconds, the frequency will be memorized in memory position.

9.7.2 Program picking out: under radio status, press  till liquid crystal displays the channel value, and when (stops twinkling), press and to pick out corresponding program, and liquid crystal displays memory number and the frequency.

## Service Card

Model					
Serial number			Purchasing date		
Tel					
Province		City		Distributor Name	

### Maintenance Regulations

- From the date of purchasing this series products, the length of warranty is one year. However, the following situation is beyond maintenance range:
  - Product is damaged for inappropriate usage, maintenance, keeping by customer
  - For the damage of product is not installed or maintenance by EAGO distributor or appointed installation organization of services. (Concluding the damage is caused by customer's installation, taking apart, transportation and maintenance.)
  - Without three guarantees of quality warranty, effective invoice or proof of purchase.
  - Effective evidential documents and maintenance evidential documents can not be altered
  - The damaged is caused by force majeure or natural disaster.
- If the damage is caused by quality of product, repair and parts replacement will be provided for free.
- It is not damaged by the quality of product, or product exceeds protection period, cost expenses of repair and parts should be paid.

The first page: keeping by customer.

## Maintenance Card

Model	
Serial number	
Customer name	
Tel	
Address	
Distributor Name	
Tel	
Purchasing date	

The second page: sending back to EAGO Sanitary Ware Co., Ltd.

