

AUTOMATIC FAUCET

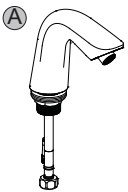
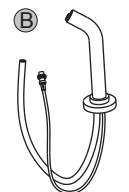
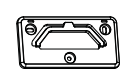



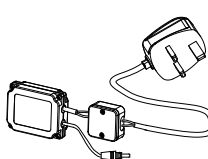
NOTES PRIOR TO INSTALLATION

- Check accessories, if any missing, please contact the local dealer.
- Read the instructions carefully prior to installation, and make a reasonable plan.
- Don't position the product directly to the sunshine or strong light to avoid any damage to product features.
- Please wash clean of the water supply pipe before installation to avoid any damage of the solenoid valve.
- Please turn off the water supply before installation and don't put wrong direction of the control box.
- Don't use any acid or alkaline detergent cleaser for cleaning.

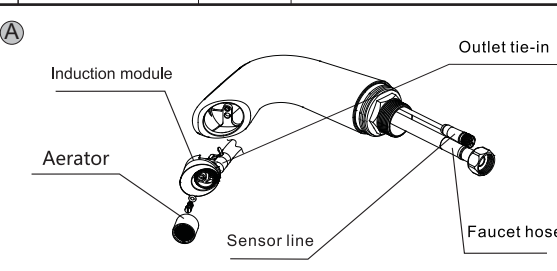
I FUNCTIONS AND FEATURES

1. Totally automatic, turns on upon hands approach and off on hands leaving, convenient and hygienic.
2. The preset power supply is DC: (4.5)V&AC(100-240,50/60Hz).
3. The unique design of low power consumption makes it efficient and energy economical. 3 qualified AA alkaline batteries can last for 2 years (based on 300 cycles a day), fitting for public uses.
4. The chip intelligent control ensures it to set best sensor range automatically according to the working environment. Its electronic module is sealed by epoxy resin to improve its damp-proof capability.
5. Its patented moment pulse solenoid valve suits for diversified environment with different water quality to avoid any mistakes.
6. Fine fabrication and simple frame, and special-designed plug at part joint provide more convenience to uses and installation.
7. Automatic off on 70seconds running is for water-saving.

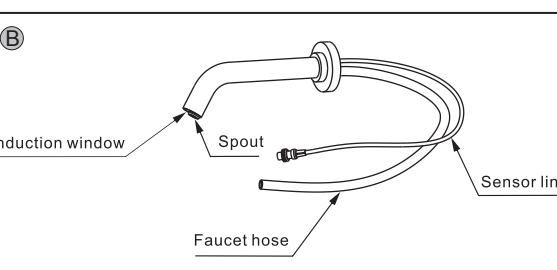
II PRODUCT LIST AND PARTS DESCRIPTION

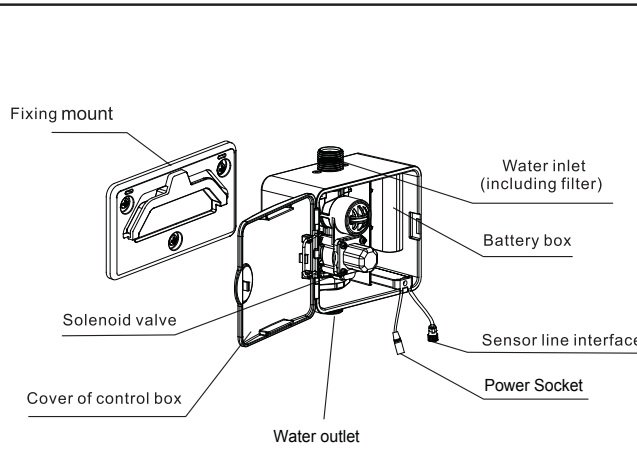
PRODUCT LIST	NAME	QUANTITY	A		B		C		D		E	
	Faucet module	1										
	Control box module	1										
	Fixing mount	1										
	Expansion bolt and tapping screw	3										
	Warranty card	1										
	instructions	1										
AC adapter	1											

A



B





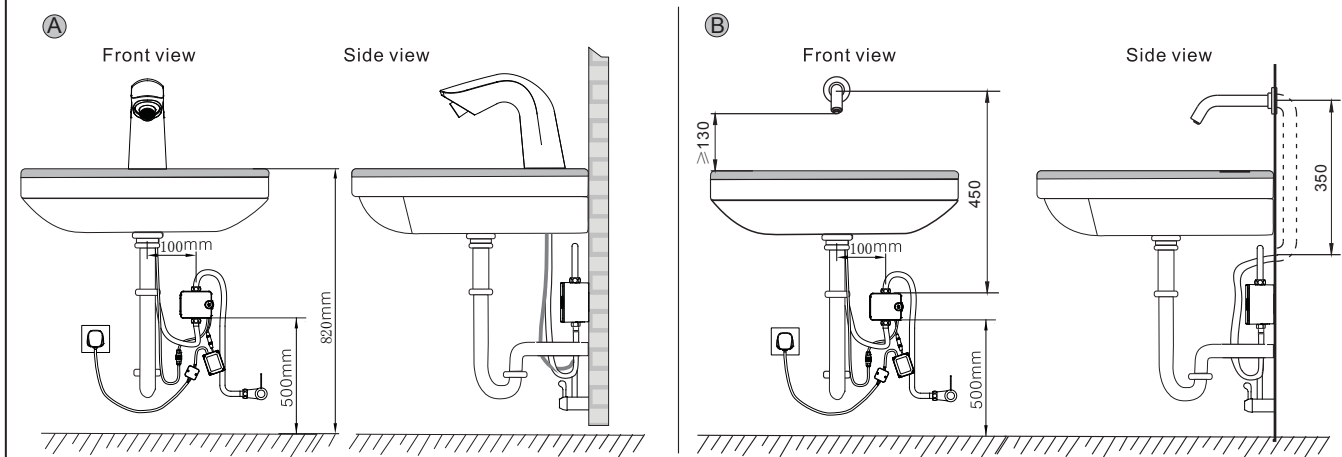
III INSTALLTION SCKETCH MAP

★ Requirement for ceramic basin:

1. For single-hole basin, center-hole diameter is designed 35 mm.

★ Step:

1. Please turn off the corner valve before installation.
2. Control box should put at right direction. (water inlet top, water outlet bottom)
3. Please make sure there is no water leakage of joints, while make water supply.



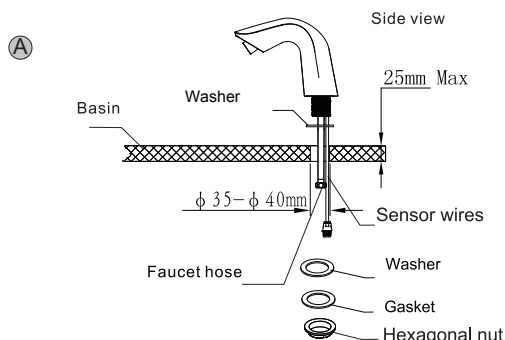
IV INSTALLATION OF FAUCET ASSEMBLY

Installation of faucet assembly

1. Remove hex nut, gasket and washer from the bottom of faucet.
2. Rip the inlet hose, line connecting and bolt of faucet assembly into the basin hole.
3. Install the washer, gasket onto the bolt, tighten the hex nut. After setting the faucet in the right place, and fix the faucet.

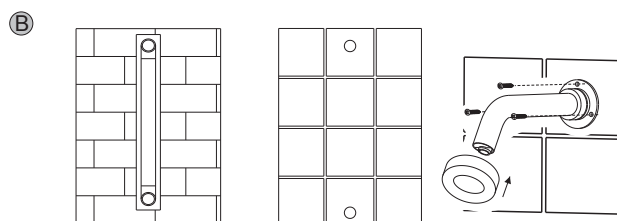
★ Step :

1. Position a washer above on the basin.
2. Please do not scratch the sensing plate.



Installation of bushing

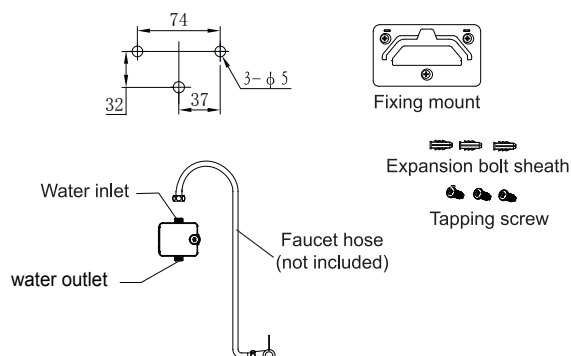
Determine installation method per wash basin, and make sure the center of faucet outlet aligned with the center of the wash basin.
Determine the installation location per installation sketch map. Chisel out a slot and lay down the bushing (not supplied).
Fill slurry into the slot, and drill holes on the tiles, then lay the tiles.



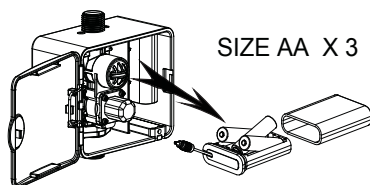
V INSTALLATION OF CONTROL BOX MODULE

Installation of control box module

Please keep the control box horizontal positioned and water outlet downwards, and then, choose a place to mount the control box, the distance between the control box and the ground is advised more than 500mm. Marking 3 points to the fixing holes of the control box on the wall as shown in the right picture, and then make 3 holes as diam 5mm each and put the expansion bolts and the screws into them to fix onto the wall. Connecting with the water inlet to the corner valve with a hose (excluded in packing).



VI DC CONNECTION (BATTERIES)

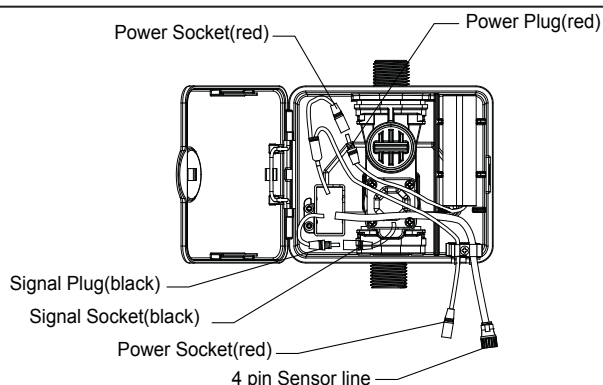


Open the control box to take out battery box, put batteries into it as indicated cathode and anode, put it back into the control box and cover the battery box. (recommend to use high-quality alkaline batteries to prevent fluid leakage)

★ Batteries change goes the same as above

VII CONNECTION OF WIRES IN THE CONTROL BOX

Please refer the connection in the right picture, and pls note the color of wires.



VIII CONNECTION OF HOSE AND WIRES

1. Tap the other end of the faucet hose into water outlet of control box.

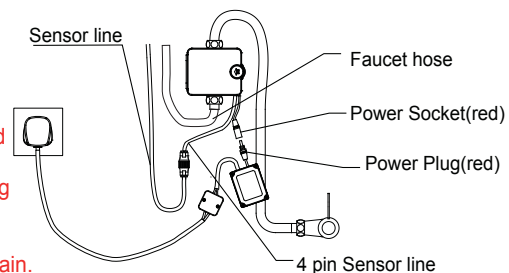
2. Direct Current

Connect the sensor wires with fixing nut and 4-pin joint. When the sensor wires is connected, the product will start to set the sensing distance. So please don't cover the sensor with your hand or something else, also do not put anything in the ceramic basin (The auto-setting will be completed within 20 seconds.)

3. Alternative Current

Insert the plug into the socket, when the power is on, the product will start to set the sensing distance. So please don't cover the sensor with your hand or something else, also do not put anything in the ceramic basin (The auto-setting will be completed within 20 seconds.)

4. If the sensor happened to be covered by hand or other things, or if there is something in the ceramic basin, and the sensing distance is impacted and becomes shorter, please pull out the pin sensor line. Then please put your hand to the sensor and remove the other things that impacted the sensing distance, and insert the pin line again.



★ Step :

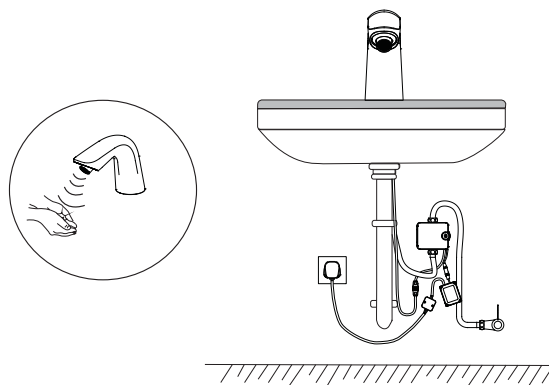
Please make sure correct connecting of the wires.

IX DEBUG

After installation, please turn on the corner valve and adjust to get a proper flow rate according to actual use.

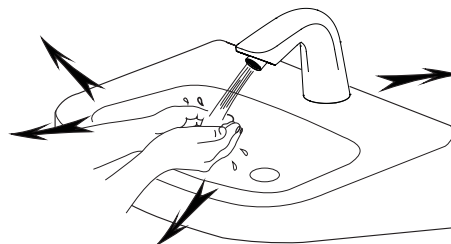
★ Step :

Please check all joints carefully. Only without leakage, the automatic faucet are allowed to be put into use.



X USE AND MAINTENANCE

- When hands are approach, the infrared sensor starts work and make debugging automatically, and the water comes out in 0.4 seconds. When hands leave, the water will be automatically off in 1.5 seconds.
- It will also automatically off in 70 seconds running. And it works again if you draw back your hands for a while, and approach again.
- The sensor is preset the function of adjusting detection zone automatically, when confirm the obstacles after 80 seconds, the inductive distance will shorten automatically, when cancel obstacles, it will extend the inductive distance automatically in 10 minutes.
- When the battery exhaustion, the faucet will automatically stop working, please replace with new batteries.

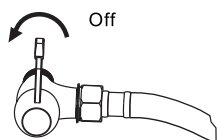


★ Step :

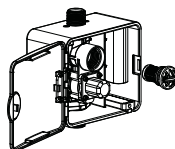
There may be auto sensing if there is water left in the basin.

XI CLEAN THE FILTER

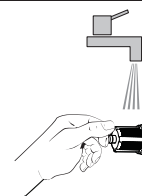
since many sundries in water have been hold up by the filter, the filter needs to be clean termly to ensure normal use.



1. Turn off the corner valve.



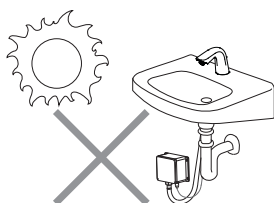
2. Take out filter.



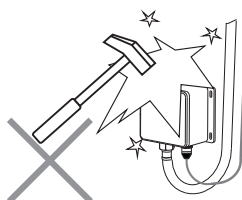
3. Clean filter.

XII NOTES

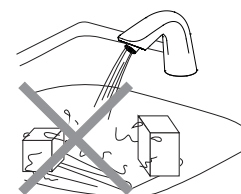
Don't install it where it is exposed to direct sunshine to avoid disturbing the sensor's normal work.



Don't strike it



Don't put too many things in the basin which may lead to induction to flow out water.



XIII SIMPLE ERROR SHOOTING

Troubles	Reason	Shooting method
No water out	Batteries are exhausted	Replace batteries
	No water	Wait for water
	Too sundries on filter	Clean filter
	Water pressure is too low	Increase water pressure
Water continuous out	Water can not be shut off thoroughly	Remove stuff clinging on diaphragm of solenoid valve
	Ill contact at joints	Re-insert
	Pins are oxidated	Get rid of oxidated layer on pins
	In direct sunshine	Shelter from sunshine
Small flow rate	Too sundries on filter	Clean filter
	Water pressure is too low	Increase water pressure and flow rate
Short life of batteries	Use bad-quality batteries	Replaced them with fine AA alkaline batteries
No induction	Batteries are exhausted	Replace batteries
	Dirt on induction window	Get rid of dirt
	Object before induction window causes induction distance too short	Remove object and wait for 10 minutes to use