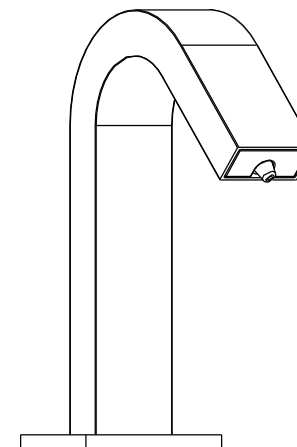


## Trouble shooting

Symptom	Cause	Treatment
No soap out	There is still air in the soap tube	Sense the soap sensor repeatedly until soap out
	Too low ambient temperature, the soap is easy to freeze	Fill in proper amount of warm water (approximate 60°C)
	The soap in the bottle is too little	Fill more soap
	The check valve is blocked	Replace the check valve
Short cycles of battery	Incorrect batteries	Change to 4AA Alkaline batteries
The indicator light is out	The light is broken	Change the light or circuit board
	The circuit board is wet or signal line is wet	Dry out
	The battery is exhausted	Change the battery
	Poor connection of battery	Check battery connections

# Instruction

## Sensor Soap Dispenser



## Technical Specification

Model No.	<b>DJ002AC &amp; DJ002AB</b>
Power supply	DC: 4 AA alkaline batteries(LR06×4) AC: 100V~240V; 50/60Hz
Viscosity	1-3500 CPS (mPa.s)
Bottle capacity	1.8L
Soap time	Level 1: 0.5 sec Level 2: 0.8 sec Level 3: 1.1 sec Level 4: 1.4 sec
Sensing distance	9cm±10% (for standard whiteboard)
Power consumption	AC: Standby mode≤2W DC : Standby mode≤0.5mW

## Installation Tools



Phillips Screwdriver



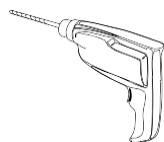
Flat-head Screwdriver



Wrench



Adjustable Wrench



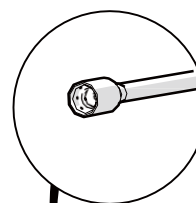
Electric Drill



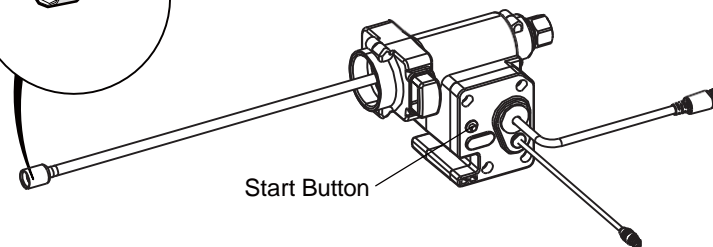
Level

## Maintenance

Due to the machine has not been used for a long time or the user does not add soap in time, it may cause the gear pump not to suck liquid when it is used again. The gear pump can work normally by the following methods:



1. Remove the soap connector as shown on the left or use tools such as a screwdriver to top the red check valve on the left to ensure that the check valve is not stuck due to soap.



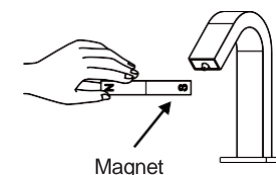
2. Place the controller leveled, connect the power supply and press the start button on the controller. After starting the motor to fill the gear pump with liquid, the controller can be installed back into the soap bottle for normal use.

### ■ Power and Battery Check

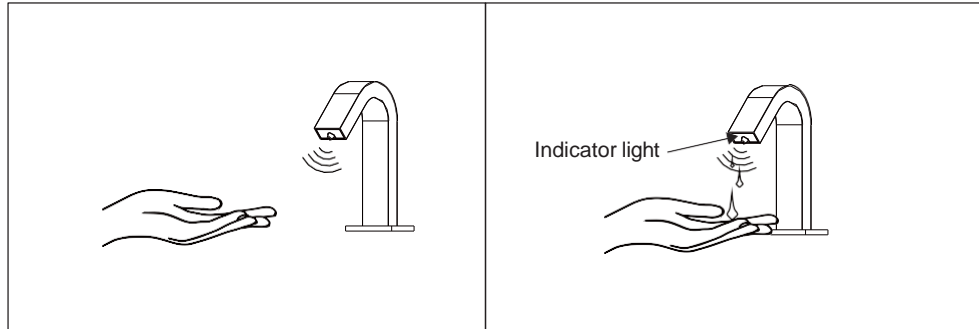
1. When using the product, please check the power wire periodically and see if there is any breakage, aging, and other phenomena in case of any accident.
2. If indicator light illuminates two times every 2-3 seconds, it is indicating the battery is under voltage and the faucet will not pump soap. Please replace with new battery.

## Detection Distance Adjustment

- a. When the magnet is close to the sensor probe, the LED light of the probe flashes continuously, and the distance is adjusted at this time.
- b. Keep your hand at the sensing distance you want to adjust, wait for the light to stop flashing, and the distance adjustment is complete.



## How to use



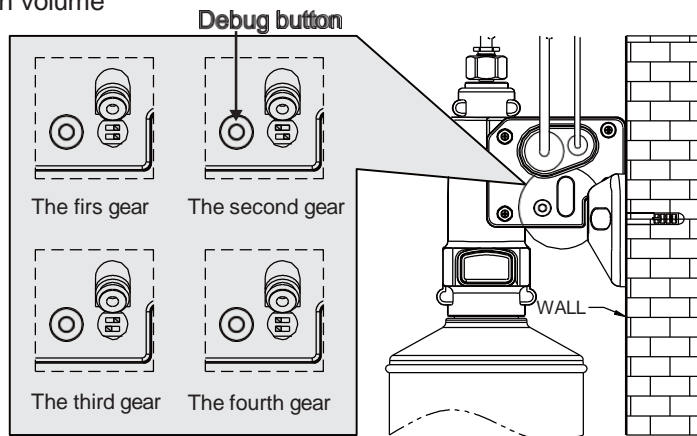
1. Reach your hand to the lower sensing area, and soap will come out under the faucet; each time you use it, the red indicator light flashes once.
2. Undervoltage prompt: the indicator light flashes continuously, indicating that the battery is low, please change the battery.
3. When soap is less than the minimum limit, please replenish soap to avoid no-load running of electric motor

## Debugging step for soap dispenser

1. Fill the bottle full of liquid soap for the first time;
2. Press and hold the dispense button(debug button) on the control box, release till the soap is dispensed.
3. Start the system by passing your hand in the sensor range, soap will dispense automatically.

Note: It has four soap dispense volume adjustment:

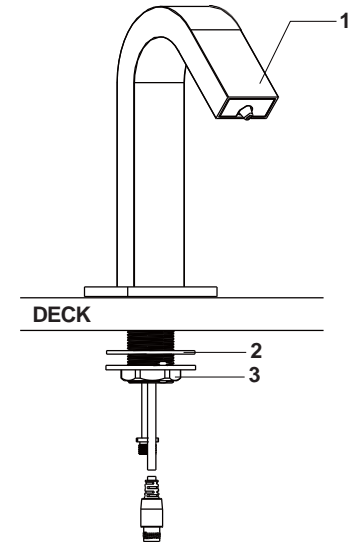
1. Low volume
2. Normal volume
3. Medium volume
4. High volume



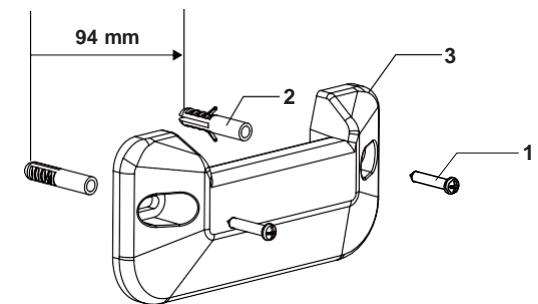
## Installation Steps

Note: If any diagrams in the installation steps differ from the actual product, please refer to the actual product.

1. Insert the faucet and tube (1) through the countertop hole.
  - \* Note: Countertop thickness: 8-35 mm.
  - \* Note: Countertop hole diameter: 28-35 mm.
2. Install the rubber washer (2).
3. Screw the mounting nut (3) onto the faucet stem and tighten to secure the soap faucet.

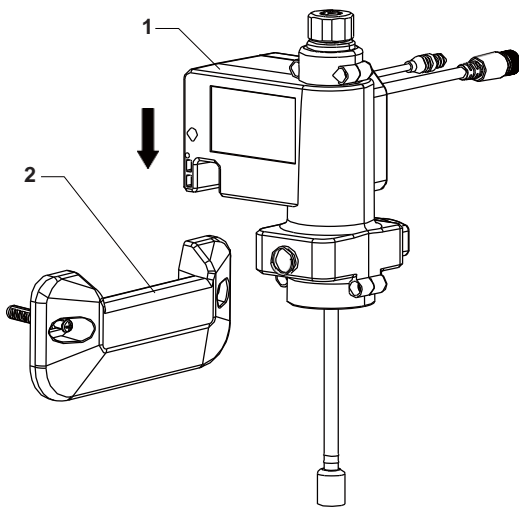


2. Drill two holes on the wall surface below the sink, 94 mm apart.
  - \* Note: Recommended height above floor: 350 mm (to avoid interference with the soap bottle). Also, position 300 mm below the countertop to provide sufficient headroom for installing the control cover.
- Optional: If the wall is drywall, use drywall anchors (2).
- Fix the control cover bracket (3) to the wall using screws (1).



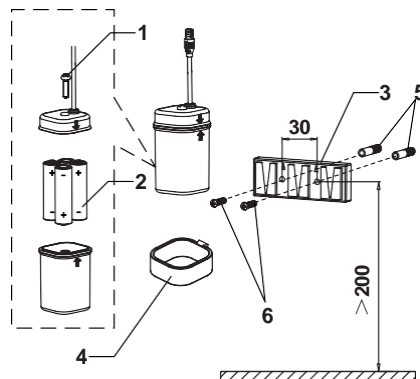
## Installation Steps

- 3 • Insert the control box (1) into the control box bracket (2).



- 4 • Unscrew the battery box screw (1).

- Insert 4 batteries (2) and replace the battery box cover.
- Install the battery box bracket (3) at a height above the floor (recommended >200mm). Mark two holes 30mm apart on the wall surface below the sink.
- Insert the battery box into the battery box sleeve (4).
- Finally, insert the battery box sleeve (4) into the battery box bracket (3).
- Optional: If the wall is drywall, use drywall anchors (5).
- Secure the battery box bracket (3) to the wall using bolts (6).



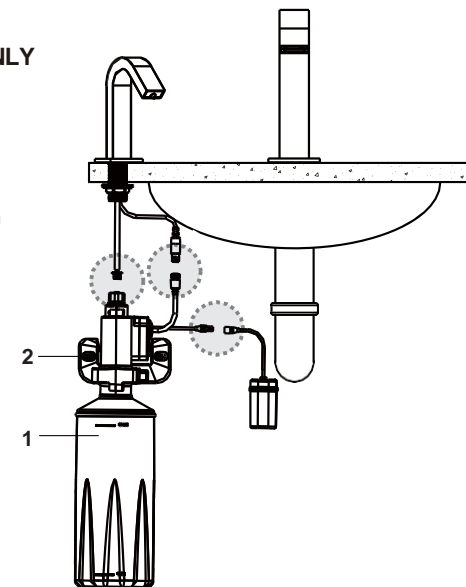
## Installation Steps



### For DC Power Dispensers ONLY

- Connect the wiring duct as shown in the diagram.

Install the soap bottle (1) to the control box (2).



### For AC Power Dispensers ONLY

- Connect the wiring duct as shown in the diagram.

Install the soap bottle (1) to the control box (2).

