



**Automatic Laundry  
Dispenser  
A600201-XS  
Installation Instruction**



**SHANGHAI CHANG JIAN HOTEL EQUIPMENT CO., LTD.**

# Automatic Laundry Dispenser

## Instruction Manual

### 一、Intro

The multi-liquid automatic laundry dispenser developed by Changjian Company is suitable for any brand commercial washing machine sold domestic and abroad. It is an accurate, convenient, economical and practical multi-channel dispenser for detergents and softeners of coin-operated washing machines. Suitable for use on any type of coin washing machine.

### 二、Installation

#### 1. Dispenser Installation

Make two  $\Phi 6$  wall holes in the upper wall of the inlet of the coin-operated washing machine, fix the dispenser with a plastic expansion pipe screw, and install the sealing gasket on the wall to prevent steam from entering the box.

#### 2. Pipeline Installation

Cut the  $\Phi 6$  plastic pipe into the appropriate length, insert the pump pipe at both ends and tighten the nuts, taking care not to reverse the suction inlet and discharge port. The direction of the pump should be clockwise, the end of the suction tube is installed with the suction head, the length can be put into the bucket of detergent and softener, and the outlet is connected with the punching port of the coin-operated washing machine.

#### 3. Circuit Installation

1)Dispenser working voltage (normal power supply)220V, 110V, if there is 24V voltage, do not need to connect the transformer power supply, power supply set a separate power switch (for cleaning

coin-operated washing machine).

2) Before connecting the main power supply, check the output voltage of the coin-operated washing machine, so as to avoid burning the transformer and circuit board.

3) Connect the detergent punching power signal to the detergent trigger signal connection column of the dispenser. Trigger power signal voltage should be in the range of AC24V-220V.

4) Connect the punching power signal of the softener to the connecting column of the softener trigger signal of the dispenser. Trigger power signal voltage should be in the range of AC24V-220V.

#### 4. Setup and Debugging

1) For details, please see the board diagram and the screen display and settings.

2) This machine has 4 pump manual buttons, on the display operation panel, you can directly inject the agent into the pump during the first use, you can also test whether the pump can operate normally.

#### 5. Fault Handling

1) The pump is not running.

a) After the power is connected, the manual button on the panel can be manually pressed to distinguish whether the peristaltic pump does not work or the control part does not work when the power is turned on.

b) The control part does not work, you can check whether the setting is correct, whether the trigger signal power supply is in place, whether the connection part with the coin-operated washing machine is correct, and whether the fuse is intact.

c) Peristaltic pump does not work, check if the motor is running, and the transmission output shaft is not running, the transmission is bad, check if there is DC voltage and the motor

does not run, then the motor is bad or there is something stuck.

2)The external power supply is normal, but display nothing on the panel

a)Whether the power switch is on.

b)Check whether the fuse is in good condition.

c)Check the connection column, whether the connection is intact, whether it is loose and falling off.

d)Check transformer working condition, whether primary voltage and secondary voltage is correct.

**WARNING:**

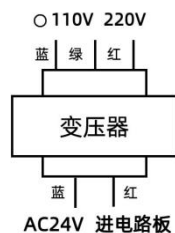
These installations, operations and repairs are for qualified personnel only. The equipment needs to be installed and adjusted by experienced installers based on correct electrical and piping methods

All washing machines and dispensers must be disconnected from the power supply during installation. Operating safety rules must be observed at all times

# Wiring and Debugging Methods

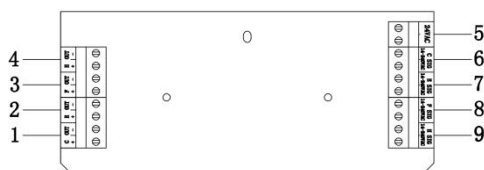
## Recommendation

※ Normal power supply - Switch  
power supply of coin washing  
machine



※ Trigger signal power supply  
(AC24V-220V)

According to the label on the circuit  
board, connect to the signal line of the  
washing machine



### Debugging method:

Detergent pump: C1 Rotational speed 30-99

C2 Delay 00

C3 Set according to  
detergent dosage

0.1-99.9S Working time

Softener pump: E1 Softener pump 30-99

E2 Delay 00

E3 Delay

0.1-99.9S Working time

Antitoxin: F1 Rotational speed 30-99

F2 Rotational speed 00

F3 Set according to detergent  
dosage

0.1-99.9S Working time

Color bleaching agent: H1 Rotational speed  
30-99

H2 Delay 00

H3 Set according to  
detergent dosage

0.1-99.9S Working time

## Initiating program:

1. Press and hold the SET key until PA appears. Release the hand and the number 500 will be displayed.
2. Press the up/down key to change the number to the password number (the password for first use is 552).
3. Press the SET key again and C1 will appear.
4. You can set the program data and enter the normal working state after completion.

## Password setting:

1. Turn off the power switch. Hold down the SET key to turn on the power switch.
2. The screen shows EE, and when you release the SET key, it shows 500.
3. Change the number to the original password and press the SET key.
4. Display 500, and then adjust the number to the number you SET, and then press the Set key, the digital display disappears and the power is turned off.

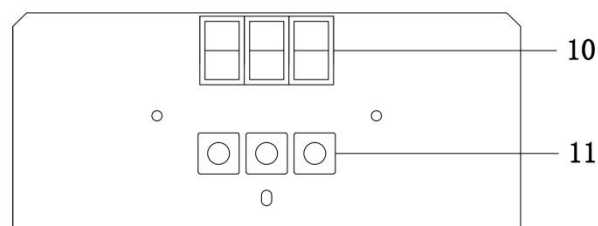
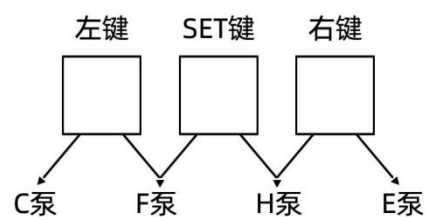
## Manual operation:

Left press: C pump work

Right press: E pump work

Press the left and SET keys at the same time: F pump work

Right click and SET key press at the same time: H pump work



## Screen display and setup

<b>C</b> <b>Pump</b>	C1	Pump speed	30~99S
	C2	Delay start time	Delay time
	C3	Fixed running time	0. 1~99.9s
<b>E</b> <b>Pump</b>	E1	Pump speed	30~99S
	E2	Delay start time	Delay time
	E3	Fixed running time	0. 1~99.9S
<b>F</b> <b>Pump</b>	F1	Pump speed	30~99S
	F2	Delay start time	Delay time
	F3	Fixed running time	0. 1~99.9S
<b>H</b> <b>Pump</b>	H1	Pump speed	30~99S
	H2	Delay start time	Delay time
	H3	Fixed running time	0. 1~99.9S
	E0	Wrong password	Verify if the entered password is correct