

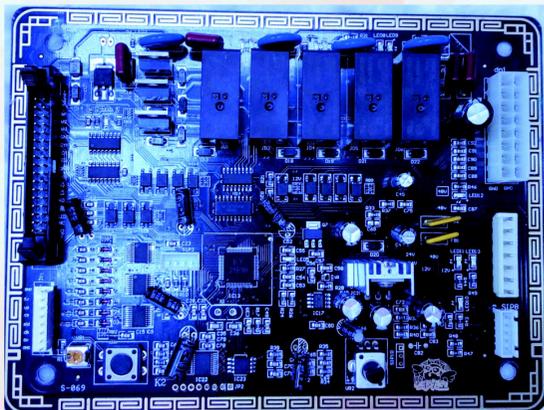
Four. Fault code description

The fault name	Claws state	Check the project
Crown car backward fretting fault Crane forward fretting fault	On the way out	1. Whether the two white plugs on the upper left corner of the machine are loose and whether the thread ends fall off. Unplug and reinsert. 2. Whether the big flat plug on the motherboard is loose and whether the thread falls off, it can be unplugged and re-plugged. 3. Check whether the front and rear microswitch of the crown is damaged or whether the thread falls off. 4. Check: < Parameter Settings > - < Factory Settings > whether the motor speed before and after adjustment is wrong.
Crane fretting left fault	On the way back to the left	1. Whether the two white plugs on the upper left corner of the machine are loose and whether the thread ends fall off. Unplug and reinsert. 2. Whether the big flat plug on the motherboard is loose and whether the thread falls off, it can be unplugged and re-plugged. 3. Check whether the micro switch on the left side of the crane is damaged or whether the thread falls off. 4. check: < Parameter Settings > - < factory Settings > motor left and right speed adjustment is wrong.
Downward fretting fault of crown crane	On the way down	1. Whether the two white plugs on the upper left corner of the machine are loose and whether the thread ends fall off. Unplug and reinsert. 2. Whether the big flat plug on the motherboard is loose and whether the thread falls off, it can be unplugged and re-plugged. 3. Check whether the micro switch in the square box above the paw is damaged or whether the thread ends fall off. 4. Check: < Parameter Settings > - < Factory Settings > whether the motor decline speed is adjusted incorrectly.
Overhead crane fretting fault	On the way up	1. Whether the two white plugs on the upper left corner of the machine are loose and whether the thread ends fall off. Unplug and reinsert. 2. Whether the big flat plug on the motherboard is loose and whether the thread falls off, it can be unplugged and re-plugged. 3. Check whether the micro switch in the square box above the paw is damaged or whether the thread ends fall off. 4. Check: < Parameter Settings > - < Factory Settings > whether the motor rising speed is adjusted incorrectly.
Winning sensor malfunction	An error was reported after the crown crane was returned to its position, or no count	1. Check whether there is a doll blocking the gift mouth. 2. Adjust the black knob on the optical eye clockwise or counterclockwise. 3. Whether the ambient light is too strong. 4. Whether the optical eye sensor is damaged.

Colorful intelligent baby machine
General specification

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7: Restores Settings

1. "Quit"
2. "Restore defaults"

If incorrect parameters or faults occur, you can restore the default values.

Fixed-point Settings

Back to drag probability: 0 for shutdown, 1 for each office, 2 for the second office,

3 for the third office, and so on. Backdrag distance: fixed;

Fixed point drop.

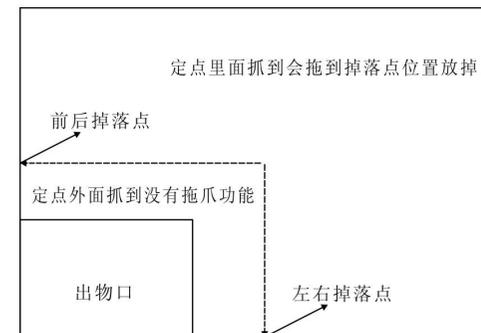
random: Either drop an object at a fixed point or drop an object inside a fixed point.

Left and right drop point: the larger the number is, the farther it is from the exit, and vice versa. Press the claw key after adjusting the parameters. The crown will move to the set point position.

Front and back drop point; The higher the number, the farther away from the exit, and vice versa. Press the claw key after adjusting the parameters.

The crown will move to the set point position.

示意图



以定点线为划分里外区域

7. "Weakening at the top" Default: Off, It means that each section of grip maintains control according to time.
Open, It refers to a period of strong catch the longest time to maintain the top, the time to shorten the second period of catch Hold the force to the top.
8. "Bottom dwell time" Default value :1 ms. Adjustment range: 1-60 ms.
9. "Top dwell time" Default value :10 ms. Adjustment range: 1-60 ms.
10. "Up stop pull" Default :15, claws at the top of the tightness, 20 the tightest, 0 the loosest, adjustable range :0 -- 20.
11. "Catch delay time" Default :0, select the delay time after the capture key, adjustment range: 0-60 milliseconds.
12. "Cancellation Time" Default :10 minutes, (0 is never eliminated, 1-30 minutes calculation, 31-60 half hours
13. "Clamping times" Default :0, unlimited times, (1-99 times to select cancellation).

5: Hardware test

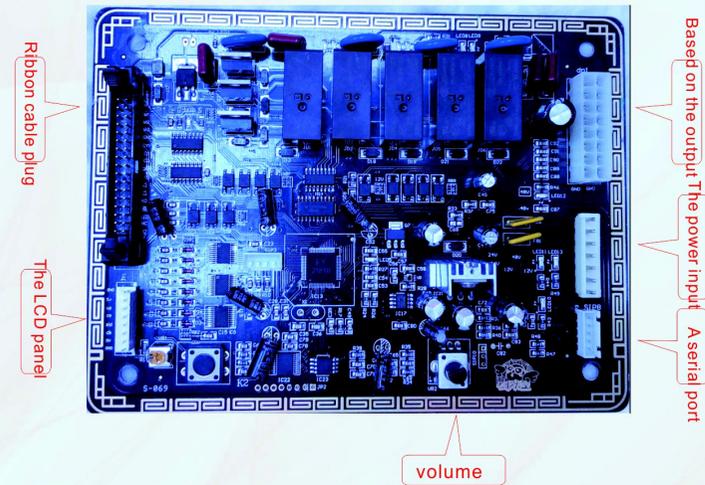
1. "Front and rear crane" During the test, the crane moves accordingly and the motor output instructions are observed
2. "Left and right crown-block" The light and micro indicator, as well as the on-screen switch status whether to do
3. "Up and down crane" Change accordingly.
4. "Paw strength" Paw strong and weak voltage detection.
5. "Optical eye State" The off here indicates the state of counting light eyes, which can be shielded by hand or gift
Optical eye: Test whether the red light is flashing and the LCD display status.

6: Factory setting (crown-block setting)

1. "Boot crane test" This part is the parameter regulated by the factory.
2. "Length of rope" Default :80, adjust the rope length according to the rise speed of the crane.
3. "Gift Export" Before and after.
4. "Forward and backward speed" Default :50 fastest.
5. "Left and right speed" Default :50 fastest.
6. "Speed of descent" Default :50 fastest.
7. "Speed of ascent" Default :50 fastest.
8. "ENG English" Default: Chinese, you can switch to English.
9. "Coin-operated Sensitivity" Default: 12.
In case of coin eating, on the one hand, the speed of the coin can be adjusted to 100Ms, and the sensitivity can also be adjusted to small. If it is easy to interfere, the sensitivity can be adjusted to large.

10. "Payment Module" Manufacturer: (default: 1e shake) dimension code device, division disc.
11. "Swing claw Height" Default: (0 off) Setting range :0-10 The higher the number, the higher the height.
Default: Off (range 1-20V)
12. "Swinging claw function" Immediately after vigorously shaking the joystick, the lower claw reduces the voltage value of the strong grip.

I. Motherboard interface diagram



2. Partial wiring diagram

1. Power supply wiring

The main board of the doll machine needs to be connected to 5V, 12V, 24V, 48V power supply

A foot	name	function	note
1	GND	Ground wire	
2	5v	Liquid crystal power supply	
3	24v	Relay power supply	
4	GND	Ground wire	
5	48V	Powered by the claw of the crown	
6	12V	CPU voice power supply	



