

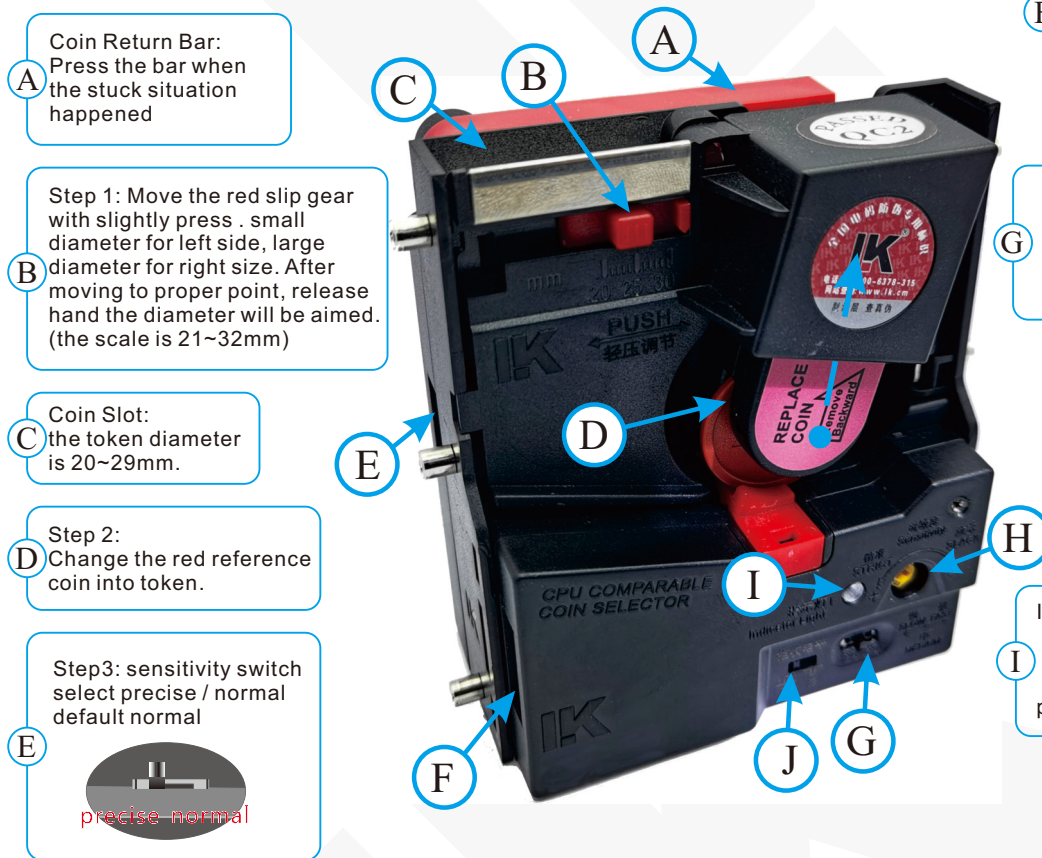
LK-825R manual

Product Features

1. Applicable to all kinds of metal tokens;
2. CPU program control, accurate scoring. With the advantages of precision, accuracy and;
3. Unique rejection function;
4. New structure design, completely solve the problem of coin jamming and blocking;
5. Large coin and small coin recognition function;
6. The output pulse width can be selected, and the accuracy can be selected;
7. Powerful anti-cheating and anti-phishing techniques;
8. The circuit board part adopts SMT full SMD process, stable performance and excellent quality.

Step for Usage

1. Adjust the sliding gear (with slightly press) to prevent misinjection of tokens with excessive diameter.
2. Take out the plastic coin from the slot, put your coin in;
3. According to your coin, select the sensitivity. If you require a high accuracy, adjust it to "precision". If some true coins were misjudged as false coins, adjust it to "normal";
4. According to machine's motherboard, select the output pulse switch (25ms/50ms/100ms, usually use 50ms);
5. Install coin acceptor. it can be used after connecting power and signal wires.



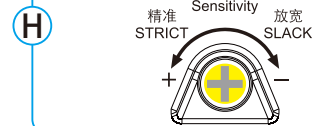
Plug Instruction

- NC output (white wire)
- NO output (green wire)
- coin counter (yellow wire)
- coin counter (gray wire)
- power wire 12V (red wire)
- GND (black wire)

- Step 4 set pulse
- slow: 100ms
medium: 40ms
fast: 20ms
default 40ms

Sensitivity Fine tuning

(Factory the set to the best position)



Indicator Light:

- Red light stay on, Product in regular.
- Red light stay on, product in regular.
- Red light off, causes can consider as power no connect or the product in fault

Reject level switch:

- High: High level reject;
- Low: Low level reject.

Communication circuit

When the coin acceptor detects "real coins". The circuit gives a normally closed pulse signal and a normally open pulse signal. (The pulse signal width can be selected as 25ms/50ms/100ms)

The circuit output of this product is a triode collector or MOS tube drain open output. When it is used, users are advised to use optocouplers to receive signals when designing the interface circuit (see Figure 2).

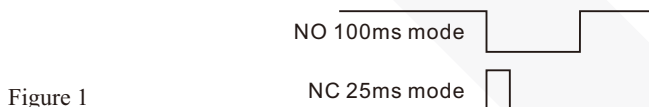


Figure 1

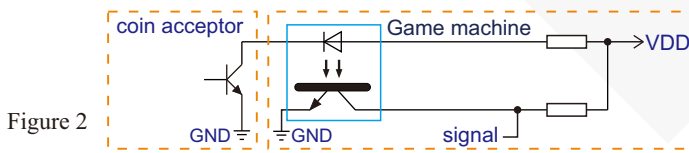
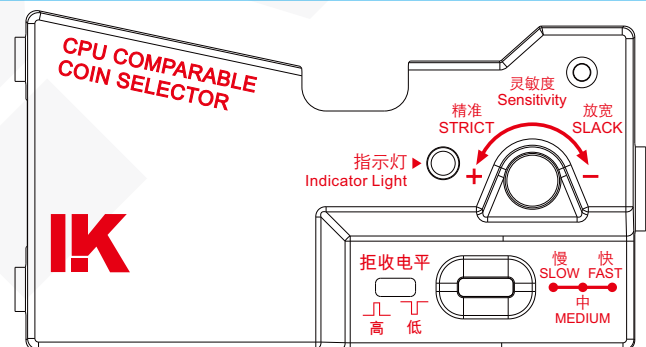


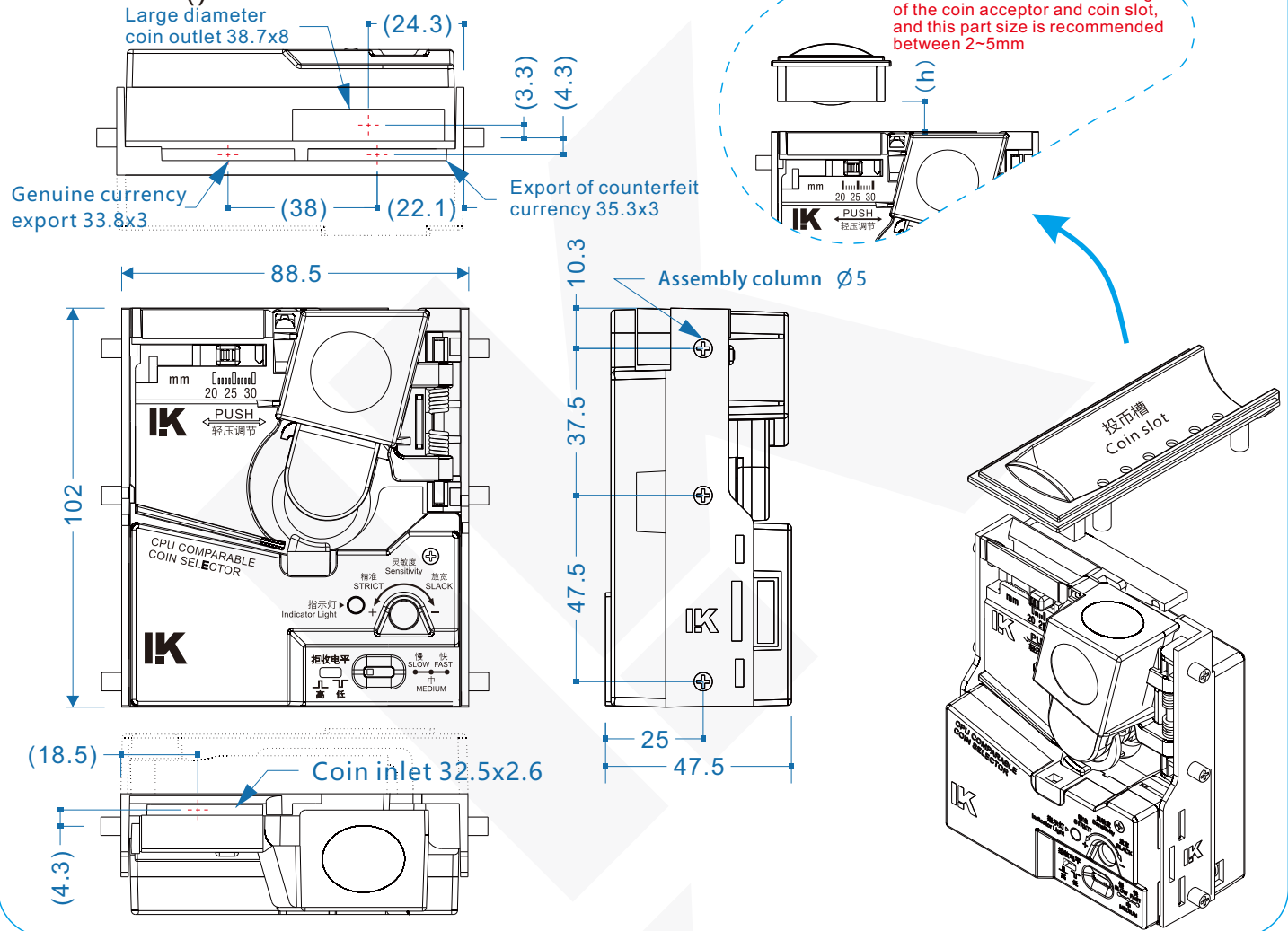
Figure 2

拒收功能说明



1. Turning the switch to "high" is a high level rejection. In 2.0~24V, no accept coin, in 0~0.5V, accept coin.
2. Turning the switch to "low" is a low level rejection. In 0~3V, no accept coin, In 5~24V, accept coin.

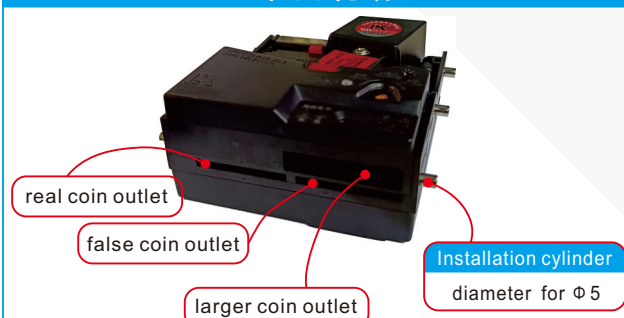
Note: Band () is the relative size of the coin slot



Basic parameters

Operating voltage		DC12V±10%
Standby currency		≤60mA
Operating currency (Maximum current)		≤800mA
Suggested input		12V $\overline{\text{---}}$ 1.5A
Operating temperature		-15°C~65°C
Output mode		OC.
Output signal		20ms/40ms/100ms
Coin diameter		20~29mm
Coin thickness		1.2~2.3mm
Individual packaging	Meas	106*60*115mm
	Gross weight	without wire 233g
		with wire 255g
Carton packaging	Package	60PCS/SET
	Meas	440*320*370mm
	Gross weight	without wire 14.62KG
		with wire 16.00KG

币口说明



Common abnormalities handling

- A. Card currency
 1. Check whether the coin slot of the machine is aligned with the coin slot of the coin dispenser;
 2. Check if the coin slot of the machine and the coin slot of the coin dispenser are skewed.
- B. Coin not passed
 1. If there is poor contact in the coin power outlet;
 2. If the wiring is correct;
 3. If there is a foreign body in the coin track;
 4. If power supply 12V is normal;
 5. If the out mouth of coin is smooth;
 6. If prototype is fit correctly;
 7. If mounting depth is enough;
 8. If there is a foreign body in the coin track, such as electric eye position is blocked.
- C. Coin not score
 1. If SW1 NO/NC is set matched;
 2. If SW2 plus width is matched;
 3. If the signal is connected well, if connection method is correct;
 4. Coin signal and open collector output, if the target board is connected with pull-up resistor.
- D. Coin not smooth
 1. Adjust precise switch, precision stall: more stringent selection, commonly normal stall;
 2. If prototype is fit correctly;
 3. If coin slot is smooth, such as hopper tank depositing port and slot machine outlet slot are aligned;
 4. Adjust VR knob, clockwise screening more relaxed, counterclockwise more strict.
- E. Accept false coin
 1. Adjust precise switch to precision stall;
 2. Counterclockwise adjust VR knob (counterclockwise more strict)
- F. Code mode doesn't move
 1. If the wiring is correct (An end of the code table is connected with code table line, the other end of DC+12V);
 2. If the code mode is bad;
 3. Cable resistance is too large, resulting in power is below standard;
 4. The power supply voltage and rated voltage code table required are the consistent.

If product technology improved, it will be edited in the new manual without notice. The ultimate interpretation of this manual is up to Guangzhou Likang Electronic Technology Co., Ltd.