LK133 manual

Product Features

1、Multi-Coin Intelligent Recognition System (Manufacturer Custom Version)

This coin acceptor supports multiple coins (up to 6 channels) memory storage (manufacturer custom version) adapts to complex coin environments.; Users can customize different coins to correspond to different scores, such as "one 50 cent coin gets 1 score" and "one 1 euro coin gets 2 scores," meeting diversified operational requirements.

2、High-Precision Interference Detection System

Controlled by a 32-bit CPU program, it performs multidimensional feature analysis of coins (material, diameter, etc.) achieving accurate recognition and error-free scoring.

15-level dynamic sensitivity is adjustable to accommodate coins of different ages, effectively balancing coin recognition rate and return rate.

3、Enhanced Active Defense Mechanism

Built-in advanced algorithms, including anti-phishing and other cheating prevention methods, monitor abnormal coin insertion behavior in real time. Dynamic analysis based on coin insertion behavior features can effectively distinguish normal operations from cheating methods, ensuring revenue security.

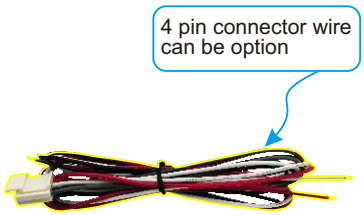
4、Industrial-Grade Stable Structural Design

The core circuitry adopts industrial-grade intelligent chips and high-precision SMT patch technology, ensuring long-term continuous operation stability and durability.Key components undergo rigorous selection and aging tests, withstanding high-intensity and high-frequency usage scenarios.

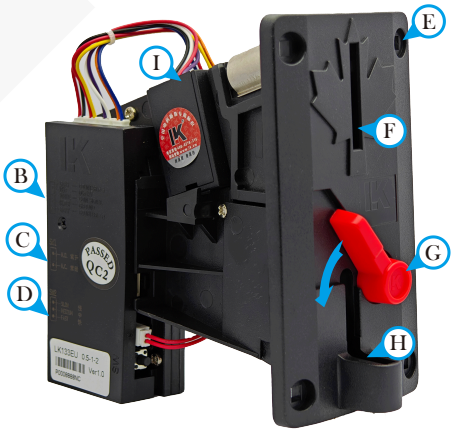
5、Intelligent Operation and Maintenance with Status Indicators

Supports device self-check and fault diagnosis with indicator lights providing real-time feedback on the coin acceptor's operating status.;
All programmed coin values are retained after power loss, and the modular design facilitates installation and future maintenance, reducing operational costs.

Steps for usage

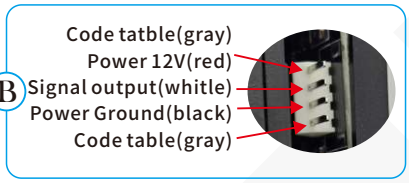




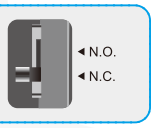


A Coin diameter adjustment plate : Loosen the screws, slide metal sheet vertically to the appropriatelocation. Transfer to the appropriate

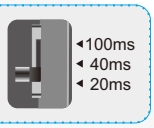
B



C Set SW1 output mode, select NC/NO, the factory setting is NC.



D Set SW2, select the output pulse switch(20 ms/ 40ms/100 ms),the factory setting is 100ms.



E Mounting holes: With a square neck screw diameter of 4mm



F Coin slot:
Please use metal coins when inserting coins. With general inductors (factory default), coins with a diameter of Φ20~Φ30mm and a thickness of 1.2~3.0mm can be inserted.

G Coin bar:
When a larger diameter coin or a foreign body stuck,flip the level to exit the foreign coin.

H Coin mouth:
False coin/foreign body from here to exit.

I Inductor:
This coin acceptor uses a general inductor by default.

Communication circuit

Coin detected “real coin”, when the circuit gives a pulse signal (the pulse signal can be selected by the switch SW1,normally closed or normally open output;SW2 switch to select pulse width,see Figure 1)

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).

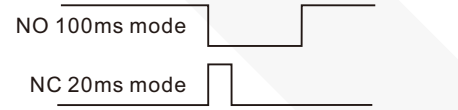


Figure 1

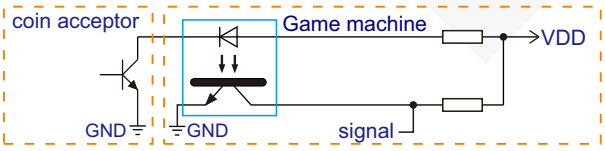
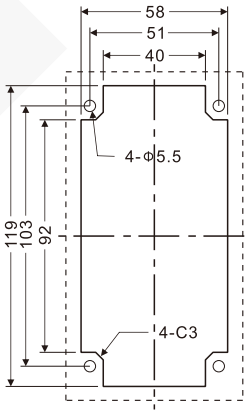
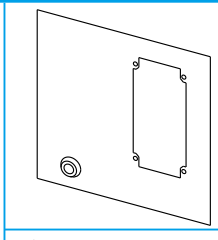
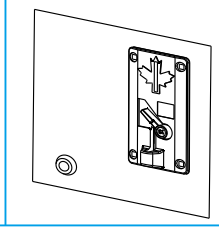


Figure 2

The size diagram and effect diagram Unit:mm







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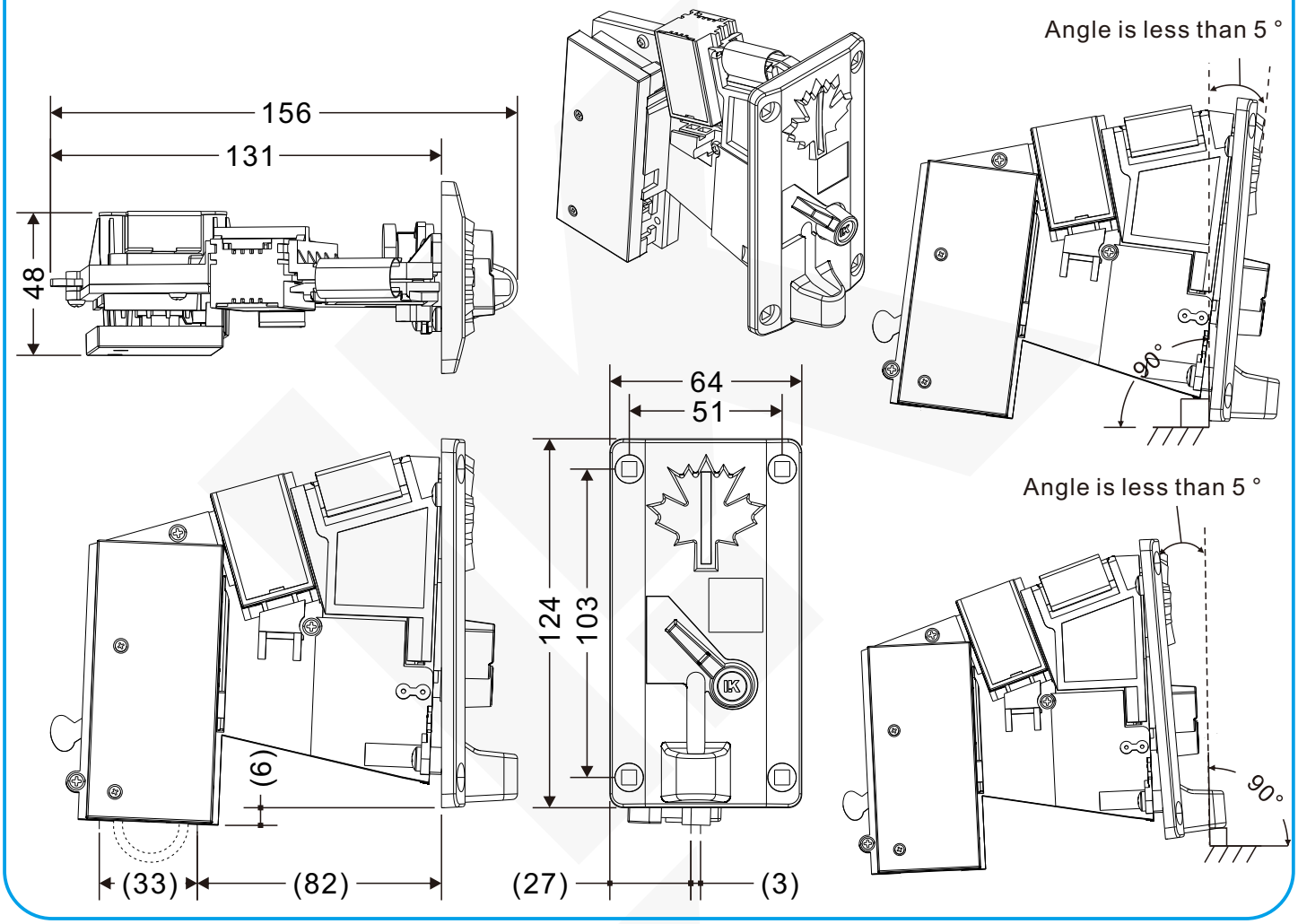
Product size Unit: mm

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



Common abnormalities handling

A.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 mounting depth is enough;
7.If there is a foreign body in the coin track, such as electric eye position is blocked.

B. 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.

C. Coin not smooth
1..If coin slot is smooth,such as hopper tank depositing port and slot machine outlet slot are aligned;

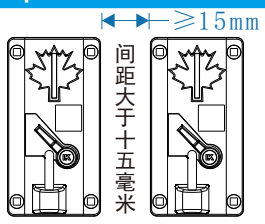
D. . Code mode doesn't move
1.If the wiring is correct(An end of the code table is connected with code table line , the other end of DC+12V);
2.If the code mode is bad;
3.Cable resistance is too large, resulting in power is below standard;
4.The power supply voltage and rated voltage code table required are the consistent.

Basic parameters

Operating voltage			DC12V±10%
Standby currency			<50mA
Operating currency (Maximum current)			<650mA
Operating temperature			-15℃~65℃
Output mode			OC.
Output signal			20ms/40ms/100ms
Coin diameter (General inductor)			Ø20~Ø30mm
Coin thickness			1.2~3.0mm
Angle assembly			-5°~5°
Individual packaging	Meas		161*69*131mm
	Gross weight	Without wire	295g
		With wire	308g
Carton packaging	Package		30PCS/SET
	Meas		51*37*28cm
	Gross weight	Without wire	9.5KG
		With wire	9.9KG

Assemble requirements

To prevent interference from adjacent signals, the adjacentmounting distance should be greater than 15mm.



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

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