

LiKang Front inserting coin acceptor LK790+ manual

Product Features

- 1.Suitable for various of metal coins;
- 2.CPU process control, score accurately;
- 3.Special precise/normal stall, coin smoother;
- 4.Powerful prevent phishing and other means of cheating, with cheating alarm;
- 5.Excellent technology in circuit part,stable and reliable quality;
- 6.Double color light show receive coin, intuitively distinguish true or false coin;
- 7.Open cover design, completely solve the coins jamming and blocking;

Steps for usage

- 1.Adjust the metal piece on the rear of panel to prevent too large coins.
(This metal piece is optional);
- 2.Take out the plastic coin from the slot, put your coin in;
- 3.According to machine's motherboard,select the output mode
NC(normally close)/NO(normally open).Usually use NC stall
- 4.According to machine's motherboard,select the output pulse switch
(25ms/50ms/100ms,usually use 25ms) ; ;
- 5.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";
- 6.Install coin acceptor,it can be used after connecting power and signal wires.

Step②:Pull up, remove the red
example coin, then put your
reference coin.

C Adjust the sensitivity
slightly, the factory
has adjusted to a
reasonable position.

D Code table(gray)
Power 12V(red)
Signal output(white)
Power Ground(black)
Code table(gray)

Step③:Set SW1
output mode, select
NC/NO, the factory
setting is NC.

Step④:Set SW2, select the
output pulse switch(25 ms/
50ms/100 ms),the factory
setting is 25ms.

Step⑤:Set SW3,
sensitivity switch,
select precise/ normal,
the factory setting is Normal.

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).

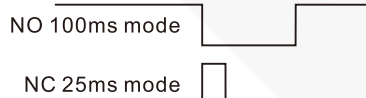
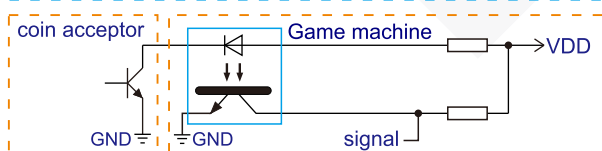


Figure 1

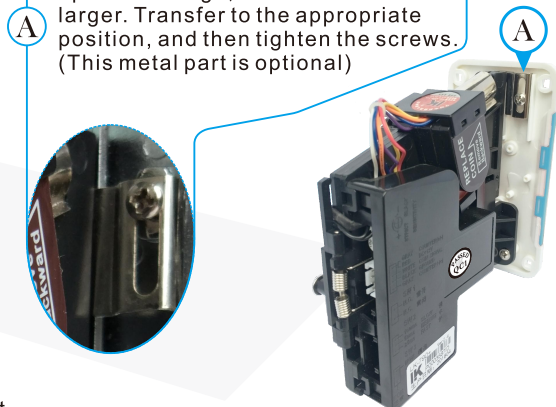
Figure 2



Step①:

Adjust the metal piece to prevent
too large coins.

Adjustment method: Loosen the
screws, slide metal sheet vertically
to the appropriate location. Down
through, the coin diameter is smaller;
upward through, the coin diameter is
larger. Transfer to the appropriate
position, and then tighten the screws.
(This metal part is optional)



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

I Coin slot: Please use the
coins $\phi 20\text{mm} \sim \phi 29\text{mm}$, the
thickness of the coins is
1.2mm~2.4mm.

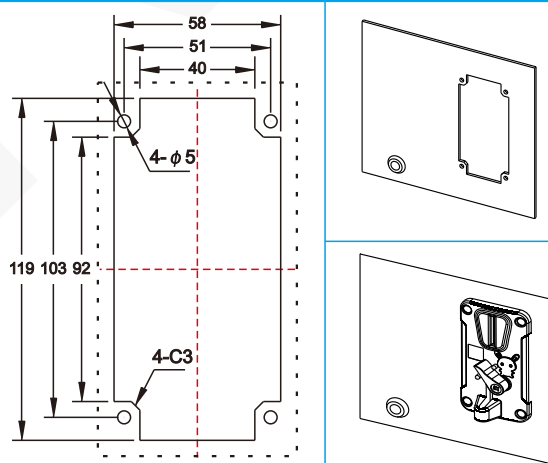
J Indicator light :

- ★ No sample coin display red;
- ★ With sample coin display
green;
- ★ Insert true coin display
green flicker more than once ;
- ★ Insert false coin display red
flicker more than once ;
- ★ Coin acceptor stop working
when display red
(or flickering red) .

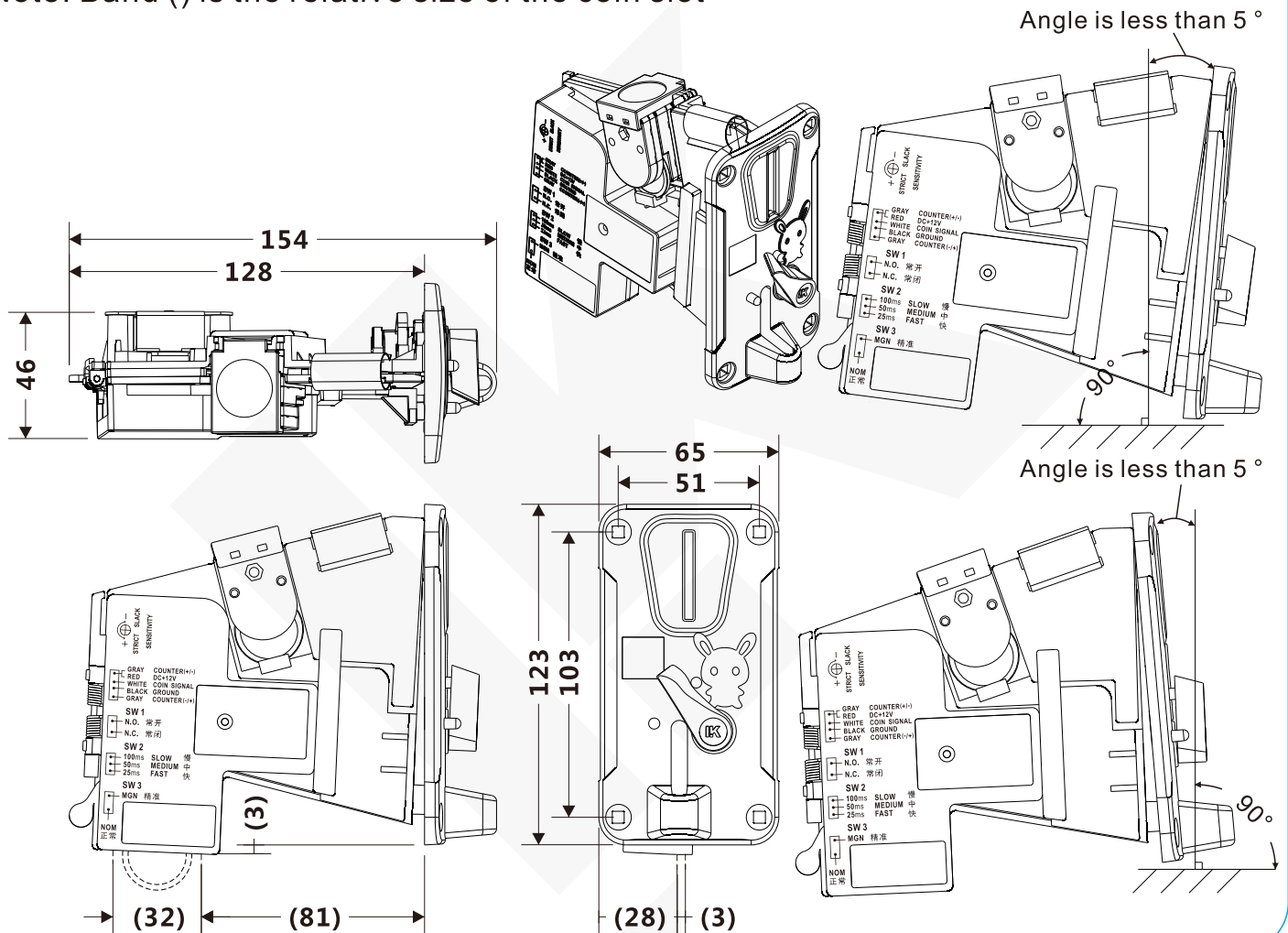
J Coin bar;
When a larger diameter coin or
a foreign body stuck, flip the
level to exit the foreign coin.

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

The size diagram and effect diagram 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 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.

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.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.

D. Accept false coin

- 1.Adjust precise switch to precision stall;
- 2.Counterclockwise adjust VR knob(counterclockwise more strict)

E. 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		25ms/50ms/100ms
Coin diameter		20~29mm
Coin thickness		1.2~2.4mm
Angle assembly		-5°~5°
Individual packaging	Meas	161*69*131mm
	Gross weight	Without wire 291g
		With wire 300g
Carton packaging	Package	30PCS/SET
	Meas	51*37*28cm
	Gross weight	Without wire 9.55KG
		With wire 9.81KG

Assemble requirements

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

