

LK011 Manual

Product Features

- 1.CPU process control, count scores accurately, Mantissa memory.
- 2.Pattern and colors can be customized.
- 3.Adopt high quality and high-speed motor,continuously dispense tickets without pause.
- 4.Prevent motor idling.
- 5.Intelligent LED light prompts, working status more visible.
- 6.New circuit board layout, more efficient, more safe
- 7.Full new structure design to prevent the tickets from being pulled put
- 8.Quality motor,excellent outlet speed.
- 9.Easier to clean up the blocked tickets.

Instructions for use

- 1.User can adjust input high/low level switch and NO./NC. switch according to the game machine signal
- 2.Put the tickets into the guide slot, the ticket dispenser will start to install tickets automatically. (or hold down the "manual" key to install the tickets manually).
- 3.The ticket dispenser can be used after connecting the power and signal wires.

A Input level:

Low level input trigger

High level input trigger

B Output mode

NC. Normally closed

NO. Normally open


C manual:

For installing tickets manually and testing

D Reverse:

For cleaning up the blocked tickets and testing

E Mounting holes:



With a square neck screw diameter of 4mm



blue and red dashed line area-pattern and colors can be customized

gray outer ring area-color can be set independently

Performance parameter			
Operating voltage		DC 12V±10%	
Operating current		<600mA	
load current		≤1.2A	
Output mode		OC	
Output Signal		30ms, <650mA	
Low level input trigger	High level requirement:>4.5V		
	Low level requirement:<3V		
High level input trigger	High level requirement:>1.5V		
	Low level requirement:<0.5V		
Speed of tickets		300mm/s	
Individual packaging	Meas		
	Gross weight	Without wire	128*104*130mm
	With wire		402g
Carton packaging	Package		
	Meas		20PCS/SET
	Gross weight	Without wire	530*265*280mm
With wire		8.6KG	
		9.1KG	

4 pin connector wire can be option

F Ticket guide: when jammed, gently press down on the Ticket guide and pull it outwards.

G Power&Communication

OUT-Signal OUT

+12V-Power "+"

GND-Power "-"

IN-Trigger IN

H Panel Display Information (Colored Lights):

Without ticket: Upper area-stays steadily blue, lower area - stays steadily orange, outer ring -flashes red;

Ticket dispensing: Upper area -stays steadily blue, lower area - stays steadily orange, outer ring - flashes green;

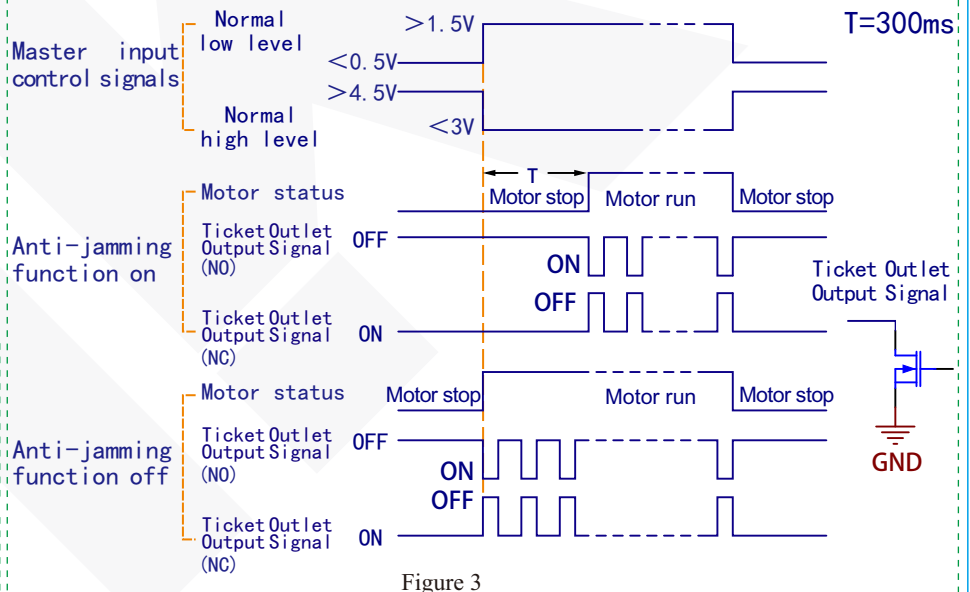
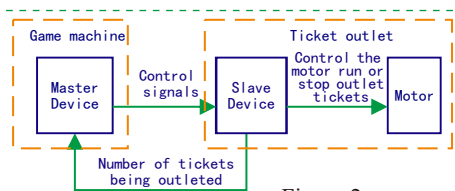
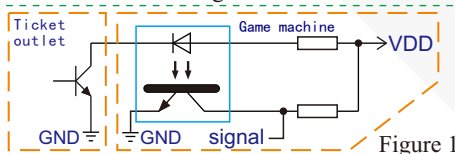
Tickets available: Upper area -stays steadily blue, lower area - stays steadily orange, outer ring - flowing light gradient;

Fault State: Upper area -stays steadily blue, lower area - stays steadily orange, outer ring - flashes red.

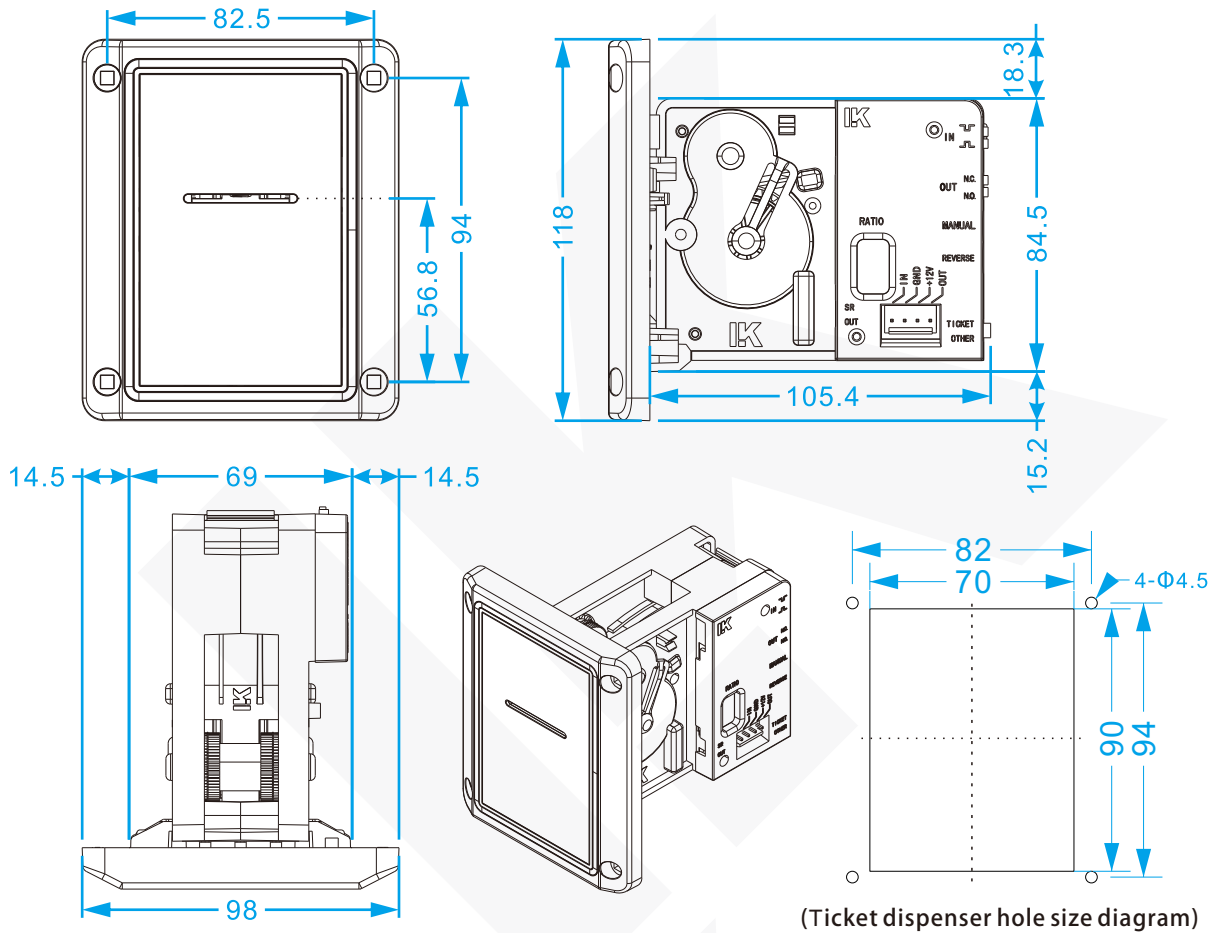
Communication circuit

Description of interface circuit and communication relationship of ticket outlet:

- 1.The output signal circuit of the ticket outlet is triode collector or MOS drain open circuit output mode. When it is used,users are advised to use optocouplers to receive signals when designing the interface circuit (see Figure 1).
- 2.Game machine is Master device, ticket outlet is Slave device.
- 3.The relationship of the Master inputting control signal, the Slave outputting signal, and motor status is shown in Figure 3. The workflow is shown in Figure 2.



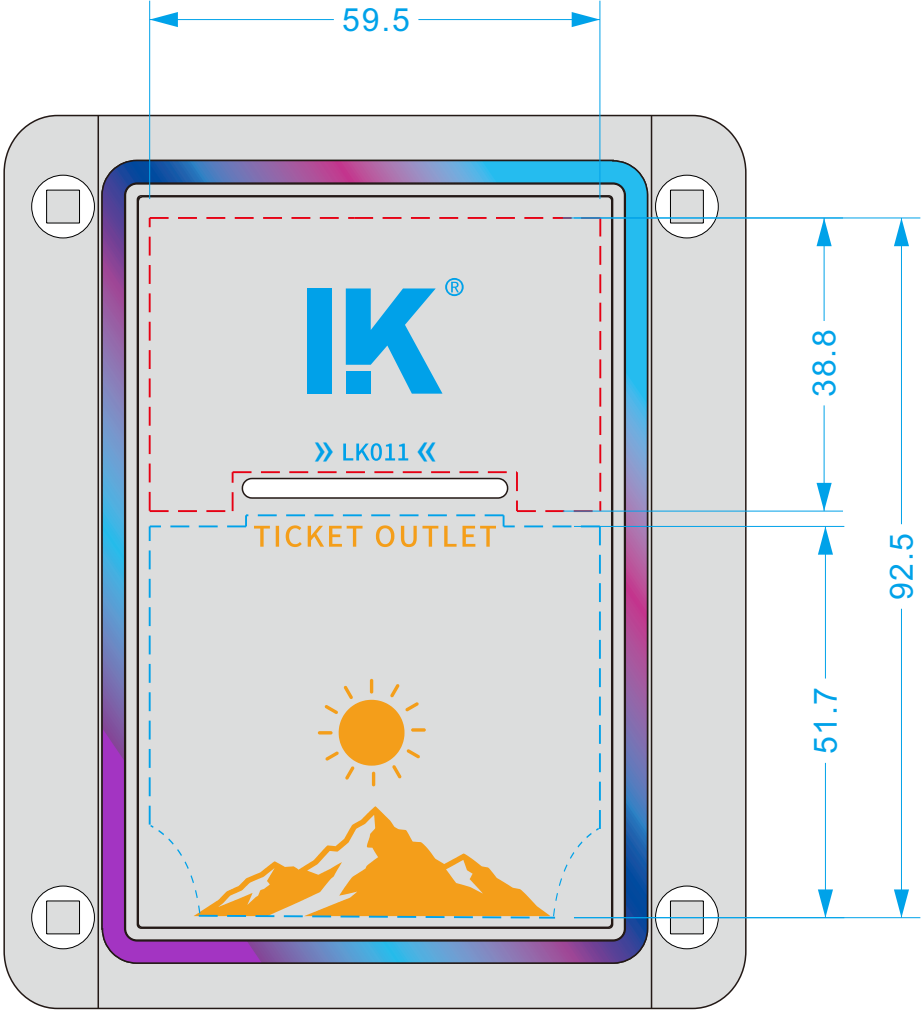
Assembly dimensions Unit: mm



Symptom	Common Exception Handling
The tickets are blocked	Pull out the upper guided board from the ticket machine's back, and clear away the jammings.
NO ticket	<ol style="list-style-type: none"> 1. Check the machine power outlet connect or not, poorly connect or not. 2. Check input level is correct or not. 3. Check whether something is blocked in the ticket channel. 4. Check whether the guide plate is dropped. 5. To the check the plug of motor loose or not. 6. If the panel indicator is flashing, please reload the ticket
Tickets out not matching to the score-ticket ratio	<ol style="list-style-type: none"> 1. Check that the ratio switch is set correctly. 2. Ground connection (Means "GND") between the machine and the ticket outlet Resistance is not 0Ω.
Remain ticket will be automatically outlet after loading	<ol style="list-style-type: none"> 1. Check whether the input level switch is set correctly. 2. If the previous outlet is not completed, the remaining tickets will be automatically finish first after reloading ticket.
Fail to install ticket	<ol style="list-style-type: none"> 1. Check for foreign objects blocking the holes of tickets or not. 2. Check whether the circuit voltage is too low or electric eye is bad. 3. Insert the ticket into the ticket channel and press the forward key to complete manual ticket loading.
No long press on the forward or reverse key	Due to the program is equipped with a protection function, if long press the forward or reverse key for more than 7 seconds, the protection function activates and the motor stops rotating. But it will returns to normal after releasing the key.
Dispensing tickets delay	After adding ticket, if there is still points left on the machine, the ticket will outlet after waiting a few seconds. This design is to facilitate the placement of tickets and close the hatch by staff.
Noise	There is a slight noise occasionally during the operation of the mechanical structure and the noise will down when dispensing ticket. This phenomenon is normal.

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.

red and blue frame areas -pattern
and colors can be customized



Unit: mm