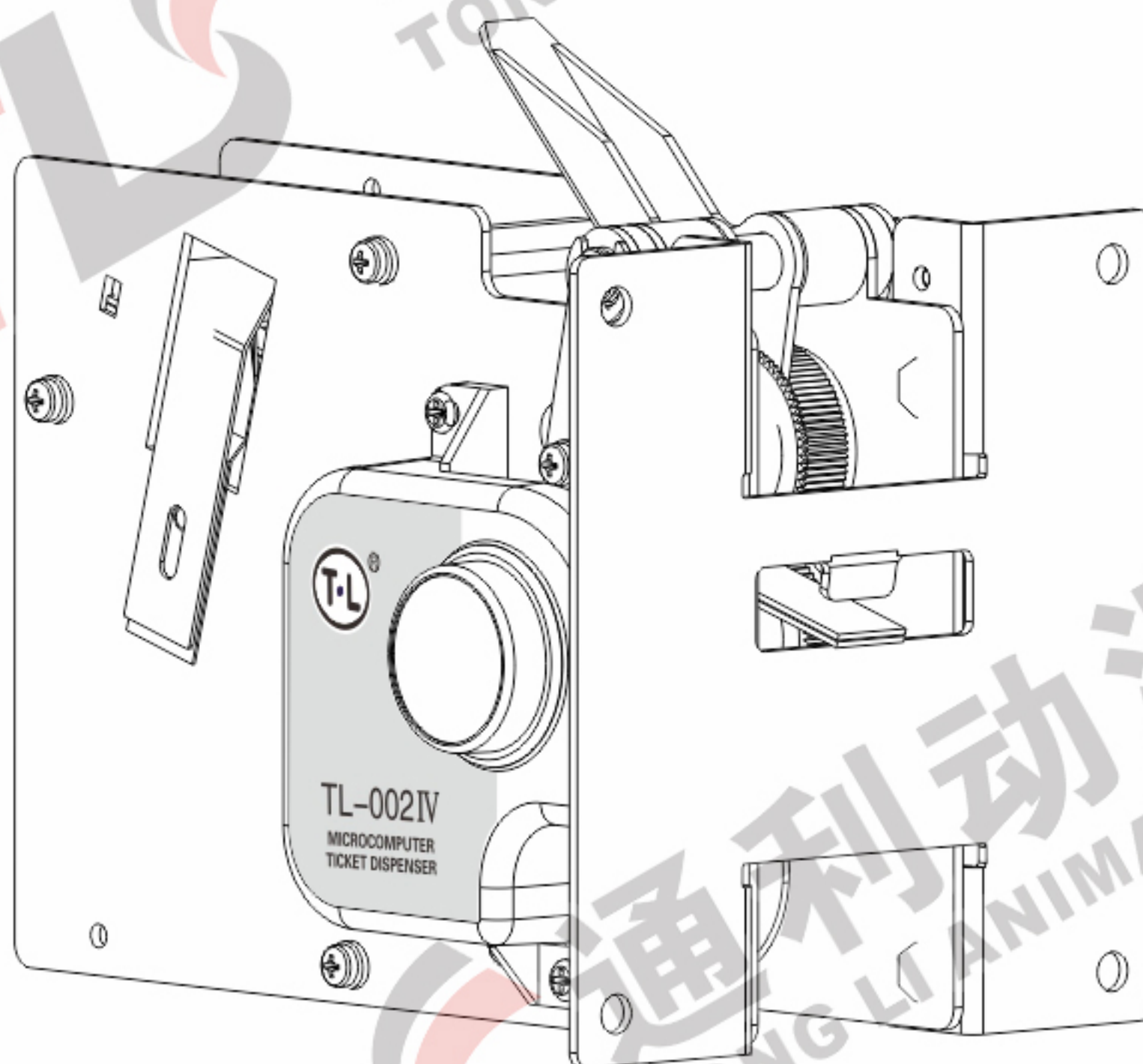


# 用户指南

Revision: 17-05-05



## TL-002IV

注：如需环保产品需另行订购

- 感谢您购买
- 在使用前，请务必阅读此说明书。

## 一、产品规格:

工作温度:  $-15^{\circ}\text{C} \sim +50^{\circ}\text{C}$

工作电流:  $50\text{mA} \pm 5\% \sim 1.5\text{A} \pm 10\%$

## 二、产品特点:

1. 主体金属结构设计，耐用，寿命长。
2. 高速CPU程序控制，计数准，速度高达（400张/分钟）。
3. 智能识别长、短彩票（50mm、25mm）。
4. 新增智能刹车系统，杜绝静/动态拉票。
5. 退票拔手设计，方便清除卡票。

## 三、使用说明:

1. SW2: 输入信号电平极性开关，L表示低电平启动，H表示高电平启动出票器。
2. SW3: 输出信号极性开关，N.O. 为常开，N.C. 为常闭。出厂设定为N.C.。
3. 装票开关SW1: 将彩票调至最佳出彩票位置即可。
4. 出票时，电路板上LED亮且闪烁。

## 四、接线说明(如下:)

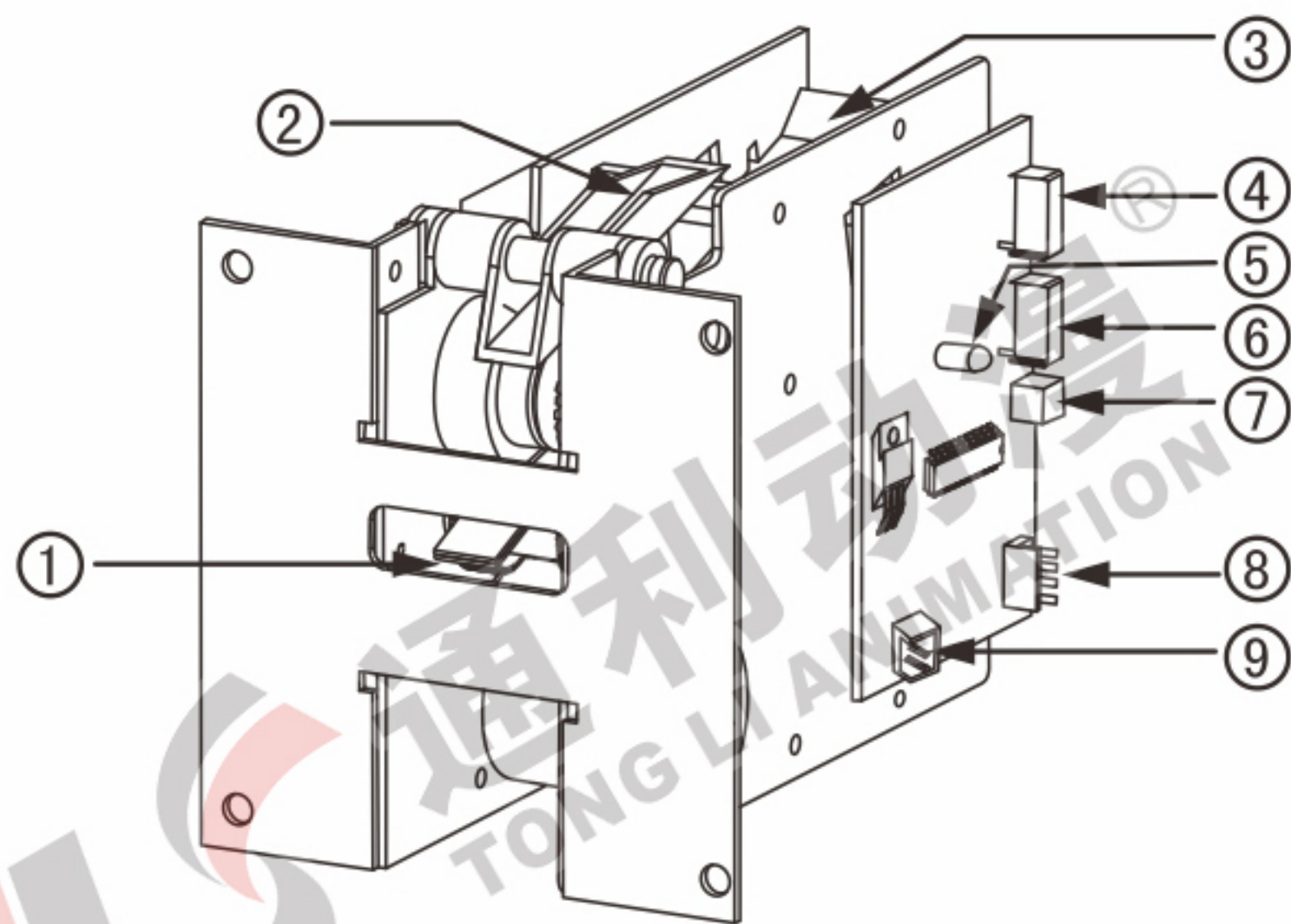
### 引脚说明:

白线——IN信号输入  
黑色——GND地线  
红线——DC+12V  
绿线——OUT信号输出

### 配线图:

|          | 出票器           | 电脑板 |
|----------|---------------|-----|
| 白线——IN   | SSR           |     |
| 黑色——GND  | GND           |     |
| 红线——+12V | DC+12V        |     |
| 绿线——OUT  | HP. SW (退票开关) |     |

五、产品结构部件说明(如下表和图示:)



| 序号 | 部件名称         | 功能描述                              | 出厂默认值     |
|----|--------------|-----------------------------------|-----------|
| 1  | 出票口          | 彩票出口                              |           |
| 2  | 清票拨手         | 当卡票时向上提清票拨手抬起传动轮, 同时回拉彩票, 拉出票道内彩票 |           |
| 3  | 票道入口         | 彩票装载入口                            |           |
| 4  | 输入极性开关 (SW2) | 调节SSR有效高电平或低电平                    | 低电平       |
| 5  | LED信号灯       | 出票时LED灯闪烁(注:正常工作状态)               |           |
| 6  | 输出极性开关 (SW3) | 调整信号输出极性为常开或常闭(N. C. /N. O.)      | 常闭(N. C.) |
| 7  | 装票开关 (SW1)   | 装票开关, 按一次出一张票。                    |           |
| 8  | 出票器电源插座      | 与游戏板联接提供出票器工作电压及出票信号              |           |
| 9  | 电机电源插座       | 提供电机工作电压                          |           |

六、常见故障及解决方法

| 序号 | 故障现象    | 解决方法                                         |
|----|---------|----------------------------------------------|
| 1  | 通电退票    | 1. 调整输入极性开关 (SW2) 2. 出票器接线是否正确               |
| 2  | 死机或少出票  | 1. 调整输出极性开关 (SW3)                            |
| 3  | 不出票     | 1. 检查电机插头、电源插头是否松动或脱落 2. 机内是否卡票 3. 出票器接线是否正确 |
| 4  | 退彩票而不消分 | 1. 调整输出极性开关 (SW3) 2. 彩票机接线是否正确               |
| 5  | 卡票      | 1. 拉起清票拨手, 取出卡住的彩票 2. 彩票不能重复使用               |



官方网址: [www.tongliananimation.com](http://www.tongliananimation.com)

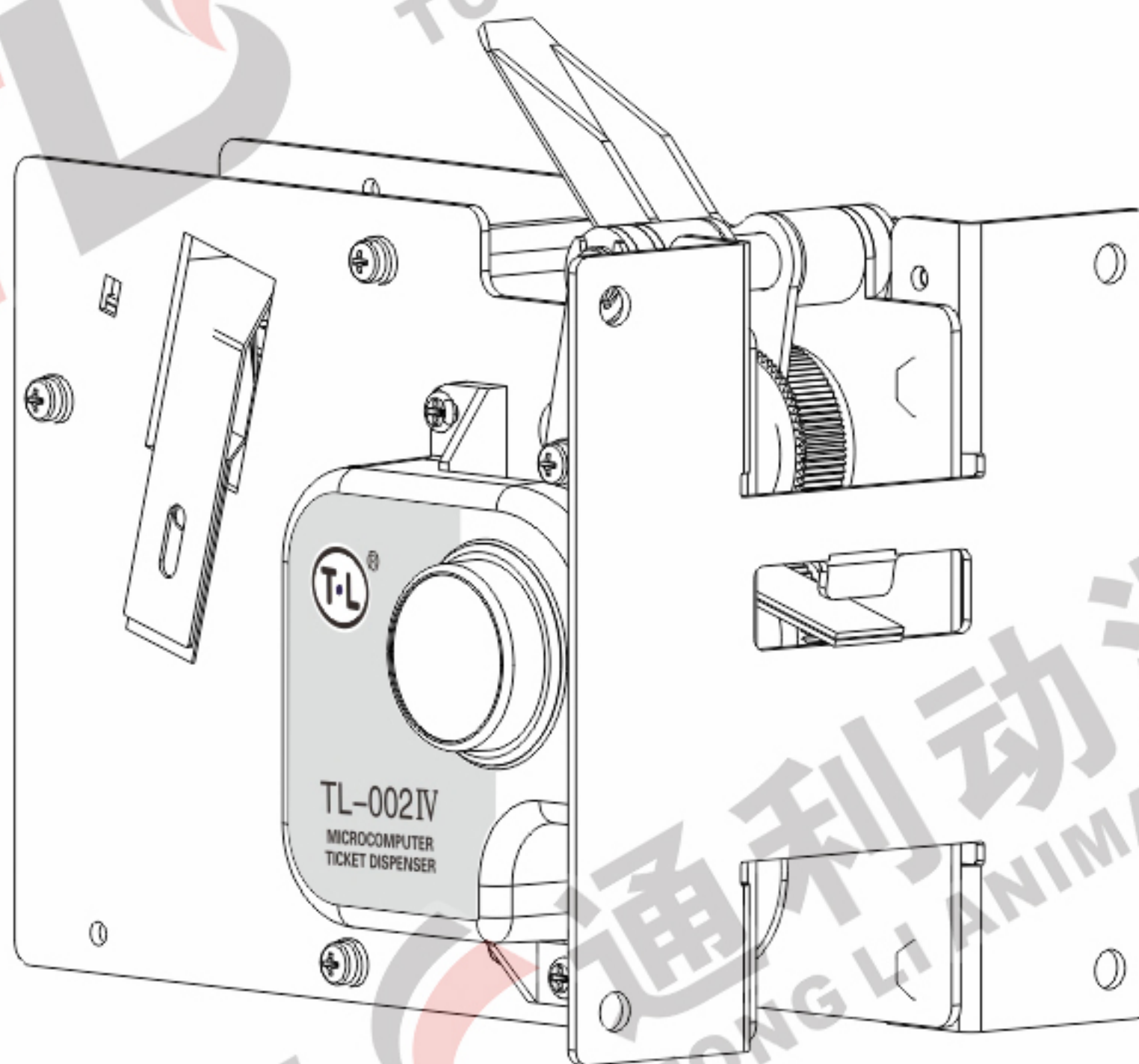


制造商: 广州通利动漫科技有限公司

地址: 广州市番禺区东环街迎星东路143号星力动漫产业园H19号

# User Guide

Revision: 17-05-05



## TL-002IV

Remark: CE and Rohs certified models are optional.

- **Thanks for your purchasing.**
- **Please read carefully before using the Manual**

## 1. Specifications:

Temperature:  $-15^{\circ}\text{C}\sim+50^{\circ}\text{C}$       working current:  $50\text{mA}\pm 5\%\sim 1.5\text{A}\pm 10\%$

## 2. Product features:

1. Metal design, durable and long lifespan.
2. High speed CPU program control, ticket out fast and precisely (400pcs/minute).
3. Auto-id the long/short ticket (50MM–25MM).
4. New intelligent brake system to prevent from pulling tickets in static state/ dynamic state.
5. The pusher for the ticket refund is easy to clean up the jammed tickets.

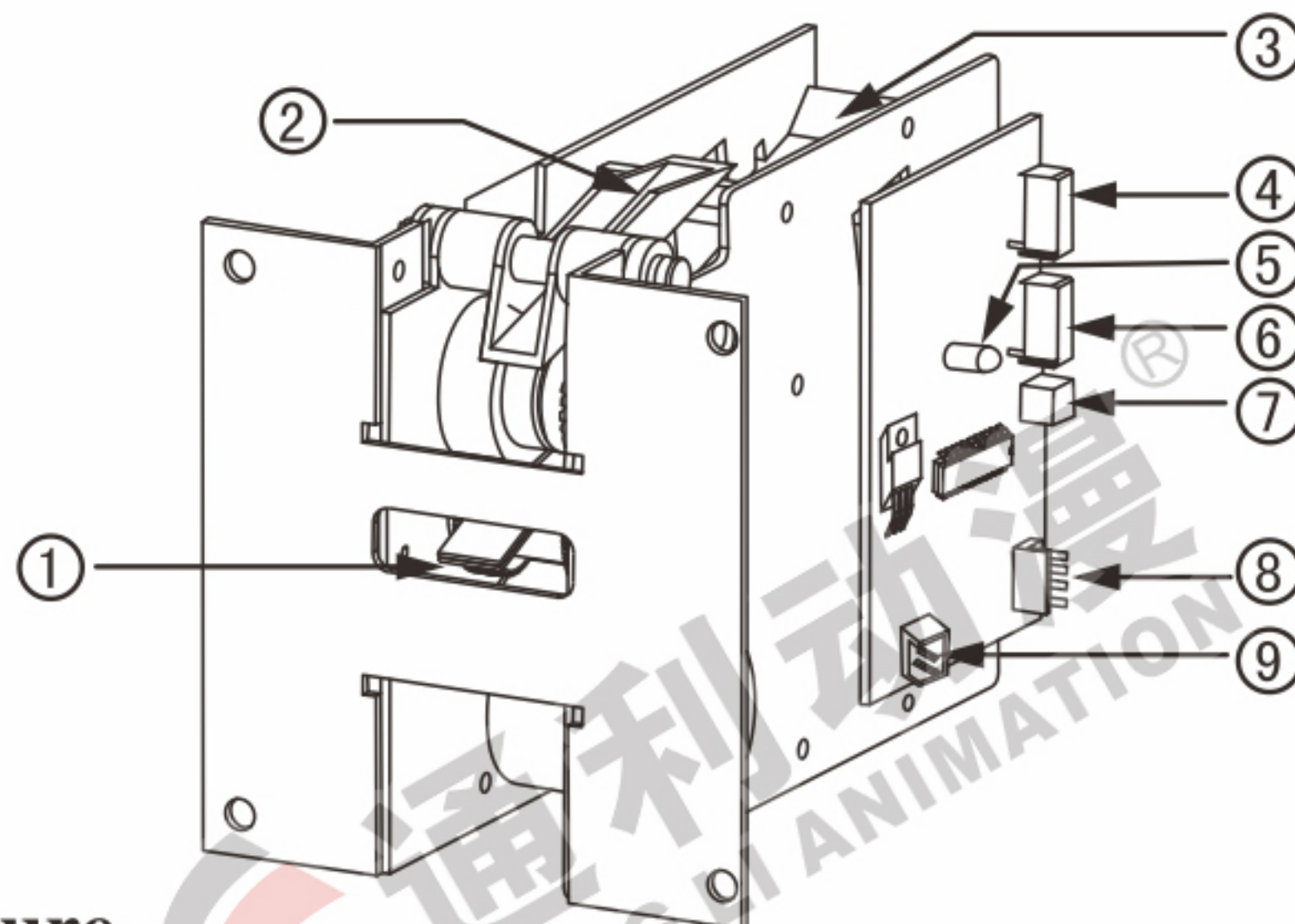
## 3. Instruction:

1. Switch 2: input signal effective level polarity, L indicate low level start, H indicate high level start ticket dispenser.
2. Switch 3: output signal polarity, N.O is normal open, N.C is normal close. Factory setting is N.C.
3. SW3: adjust the position of ticket out
4. The LED will be flashing its lights when the ticket out.

## 4. Line connection manual

| Ticket dispenser |        | PC board |            |
|------------------|--------|----------|------------|
| White line       | IN     | →        | SSR        |
| Black line       | GND    | →        | GND        |
| Red line         | --+12V | →        | DC+12V     |
| Green line       | OUT    | →        | signal out |

| Ticket dispenser |        | PC board |        |
|------------------|--------|----------|--------|
| White line       | IN     | →        | SSR    |
| Black line       | GND    | →        | GND    |
| Red line         | --+12V | →        | DC+12V |
| Gray line        | --Out  | →        | HP.SW  |



## 5.Part structure

| Item | Part Name                          | Description                                | Default Settings |
|------|------------------------------------|--------------------------------------------|------------------|
| 1    | Ticket out                         | Ticket output                              |                  |
| 2    | Pusher                             | Remove the jammed ticket                   |                  |
| 3    | Ticket entrance                    | Put the tickets into it                    |                  |
| 4    | SW2                                | Set 5V or 0V                               | L(0V)            |
| 5    | LED                                | Flashing its lights when the ticket output |                  |
| 6    | SW3                                | Set N. O. or N. C.                         | N.C.             |
| 7    | SW1                                | Switch for ticket come in                  |                  |
| 8    | Power socket of ticket dispenser   | Supply the voltage for machine             |                  |
| 9    | Power socket of electric machinery | Supply the voltage for machine             |                  |

## 6. Common problems and solutions

| Item | Normal fault                                     | Method                                                                                                                                                       |
|------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Ticket comes out automatically when power is on. | 1.Adjust to the SW2. 2.Check wire connection of ticket dispenser.                                                                                            |
| 2    | PC board crashes or less ticket comes out        | 1.Adjust to SW3                                                                                                                                              |
| 3    | No tickets come out                              | 1.Check the power socket of electric machinery, whether the sort drop or not. 2.Whether the tickets jam or not. 3.Check wire connection of ticket dispenser. |
| 4    | The point not reduced, only output the tickets   | 1.Adjusted to the SW3<br>2.Check wire connection of ticket dispenser.                                                                                        |
| 5    | Jamming ticket                                   | 1.Pull the cleanning pusher , remove the tikcket<br>2.The tickets nonreusable.                                                                               |



Official Website: [www.tongliananimation.com](http://www.tongliananimation.com)



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