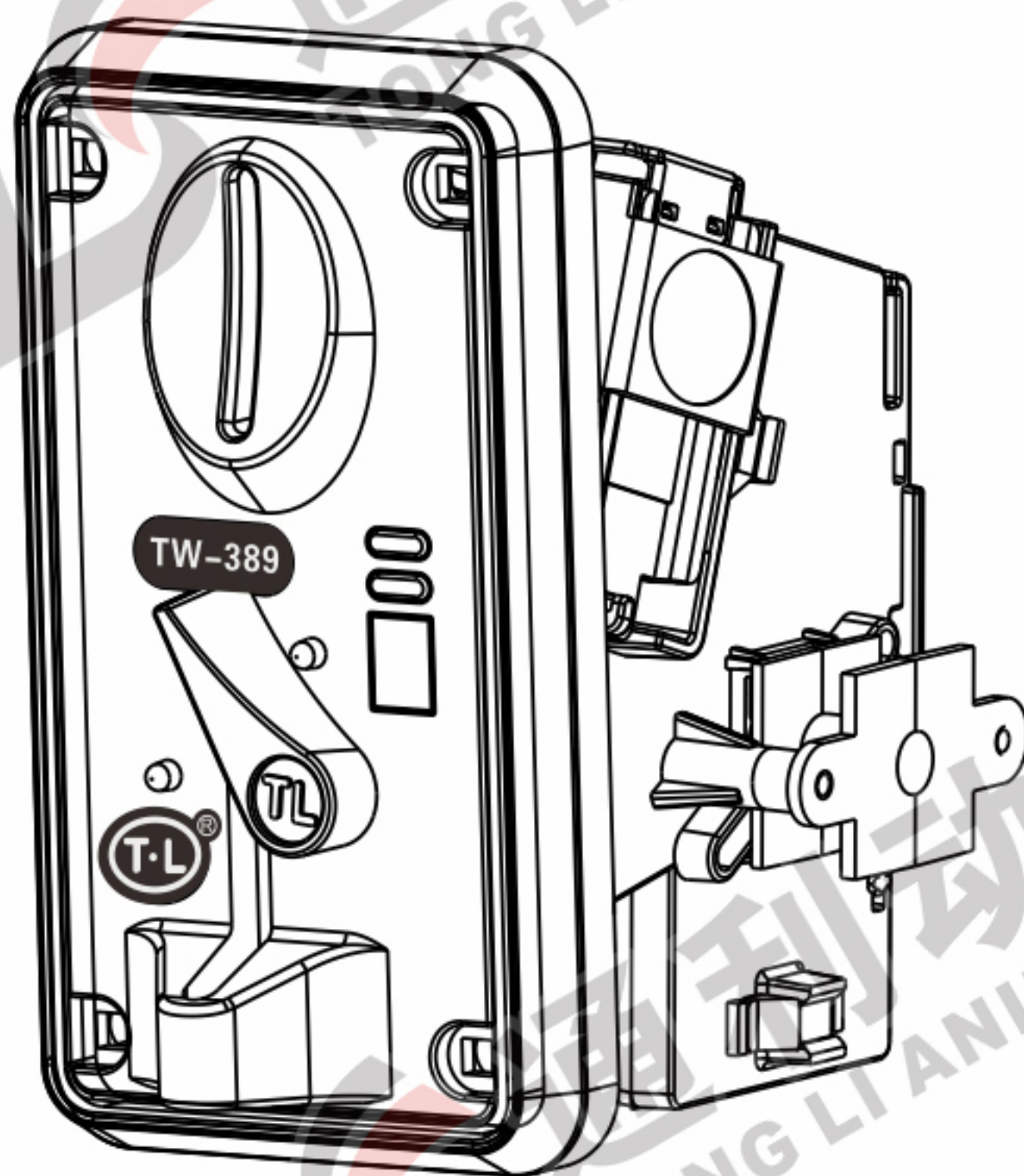


用户指南

Revision: 17-05-05



(注:图片仅供参考,请以实物为准)

TW-389(侧投式)

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℃ —+50℃

硬币直径：22mm~28mm

工作电压：DC+12V±10%

硬币厚度：1.7mm~2.2mm

工作电流：160mA~1.3A±10%

COIN信号输出：0.C(集电极开路)形式

二、产品特点：

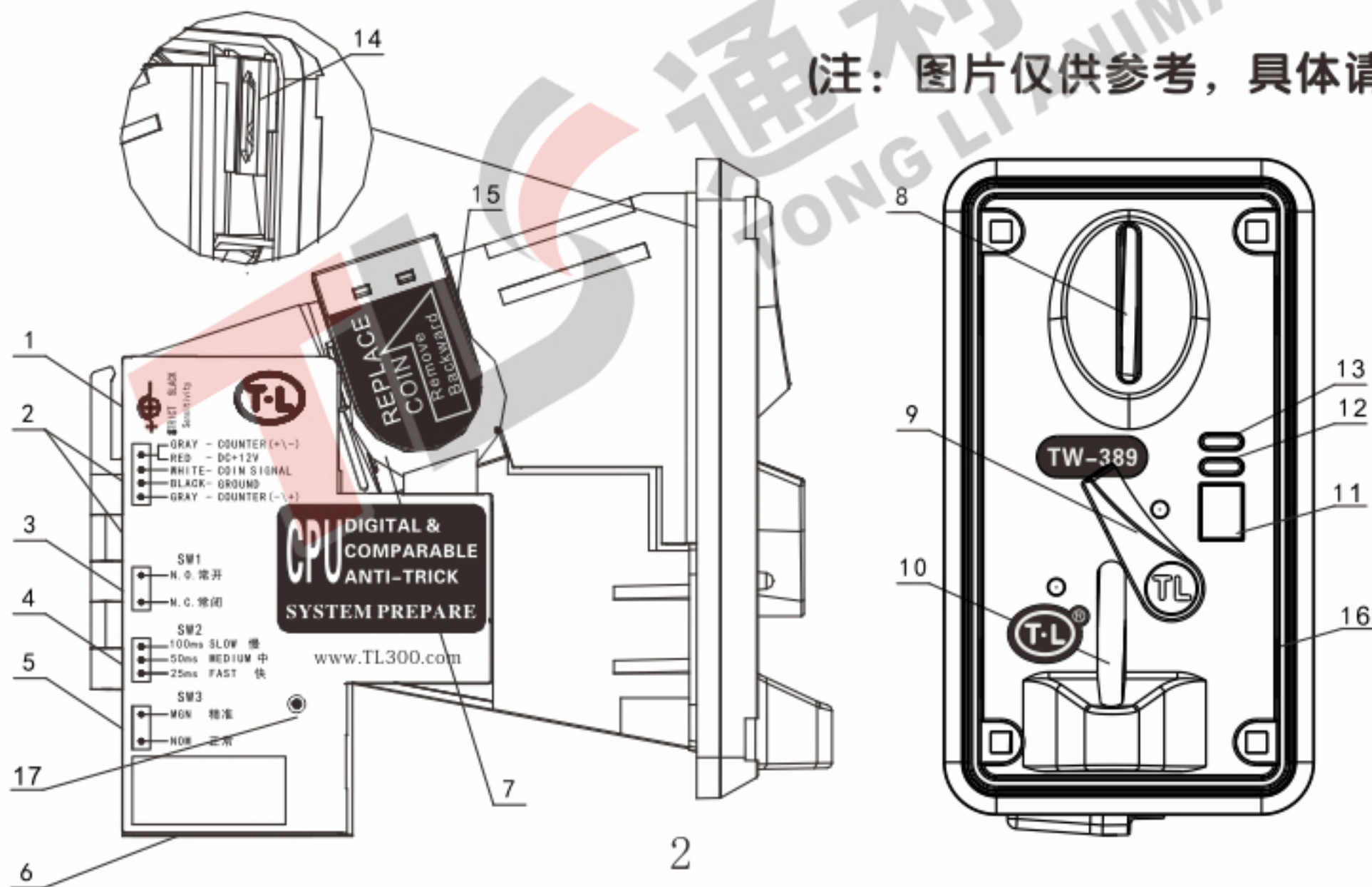
1. 适用于各种代币。
2. CPU程序控制，计分准确。
3. 面板内嵌数显及LED指示设计。
4. 智能监控并显示投币(状态及故障)。
5. 特设精准/正常档，投币更顺畅。
6. 翻盖设计，彻底解决卡币堵币。
7. 多种LED变色花样选择。
8. 双输出插座。

三、使用说明：

1. 请将夹在币槽内的塑料币取下，换上要使用的硬币。
2. 配合主机板需要，切换COIN输出极性开关(SW1)，一般转灯类的电脑板使用常闭档(N.C)，其它电脑板用常开档(N.O)。
3. 配合主机板需要，切换COIN脉冲时间开关(SW2)：快档(20ms)；中档(40ms)适用于一般的机台；慢档(100ms)适用于娱乐机台。
4. 通电后，面板蓝色LED亮、数码管显示0表示投币器进入正常工作状态，若发现蓝色LED不亮、数码管显示为E、F或C时表示投币器有故障。
5. Vr是敏感度调整旋钮，顺时针调整则选币较松，逆时针调整则选币较严。一般不需要调整，出厂时已调合适。
6. 投入真币时面板蓝色LED闪烁，如过币不顺畅，将精度开关(SW3)拨为正常位，或顺时针调整VR。
7. 按选择键选择LED变色花样。

四、产品结构部件说明(如下表和图示:)

序号	部件名称	功能描述	出厂值
1	Vr旋钮	调整硬币敏感度：顺时针(宽松)，逆时针(严格)	
2	电源插座	接12V电源线、COIN信号线、GND、码表线	
3	COIN信号极性开关SW1	调整COIN信号输出极性为常开(NO)\常闭(NC)	常闭(N.C.)
4	COIN信号时间开关SW2	调整COIN信号输出脉宽时间	中档(Medium)
5	精度开关SW3	调整硬币刷选精度	正常(NOM)
6	出币口	真币最终出口	
7	塑料币	使用时取出塑料币换上自己的硬币	
8	投币口	币投入口	
9	面板拨手	卡币时往下拨动，使卡住的币退出	
10	假币出口		
11	数码管	提示投币器工作状态，如下： 显示0：正常待机状态 显示1：正常工作状态(表示已投币1枚) 显示E：电眼故障、卡币 显示F：钓鱼报警	显示为0
12	红色指示灯	假币故障:闪烁一次	
13	蓝色指示灯	待机状态:常亮 投币状态:闪烁	蓝色LED亮
14	防大币调节金属片	调节此金属片以致投币口大小合适，防止大币误入。	
15	感应线圈	感应各种材质的线圈	
16	LED灯条	LED变色	
17	选择键	LED变色花样选择	



五、常见故障处理：(如下表)

序号	常见故障	处理方法
1	投币不计分	1、COIN输出极性开关档位不正确 2、调整COIN时间开关
2	吃币（少计分）	1、调整COIN时间开关 2、出币口过币不通畅
3	投币多计分	1、COIN时间开关不良
4	投币不顺畅	1、顺时针调整VR旋钮 2、精度开关拨向正常档 3、样币没夹好，换个样币试试
5	过假币	1、逆时针调整VR旋钮 2、精度开关拨到精准档
6	面板LED不亮、数码管不亮	1、电源插座没连接，接触不良 2、接线不正确
7	数码管显示为0时不过币	1、敏感度旋钮调节太严 2、样币没夹好，换个样币试试
8	数码管显示为E时不过币	1、币道有杂物、卡币 2、电眼坏
9	数码管显示为F时不过币	1、钓鱼报警提示 2、使用前没有夹样币
10	卡币	1、拨动拨手、翻开侧盖清除阻塞的币 2、清除币道的污垢 3、翻盖合拢是否到位 4、调整面板的限大小金属片位置，防止大币投进
11	LED灯条不亮	1、检查LED灯条插头是否插好 2、按选择键退出全暗状态

六、接线说明：

- 1) 灰线——
 红线——DC+12V
 2) 白线——COIN信号
 3) 黑线——接地线
 4) 灰线——
- 码表

适用机型：TW-389

※注： 请将本说明书放在机台内，方便使用者更清楚了解使用方法。

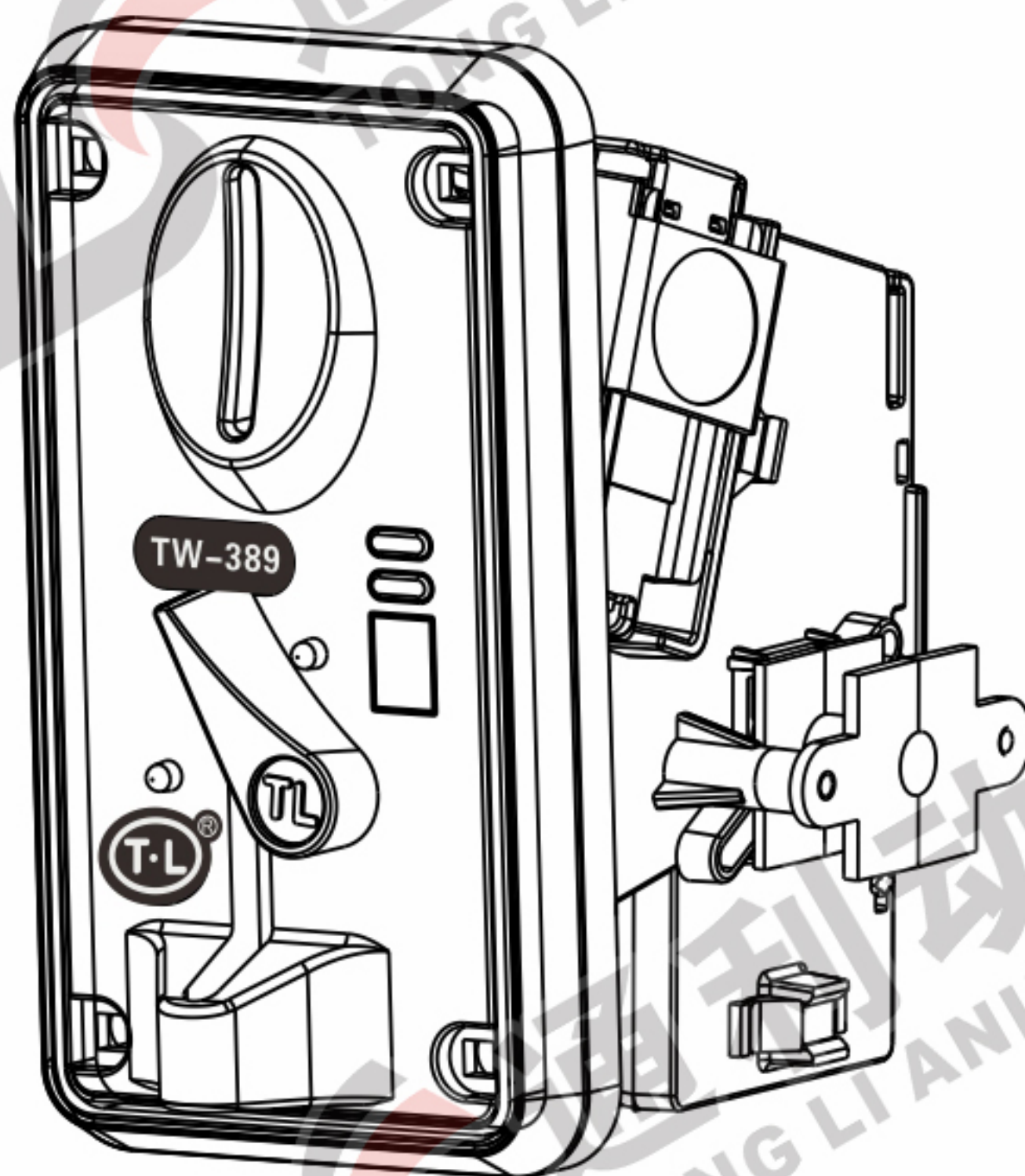
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地址:广州市番禺区东环街迎星东路143号星力动漫产业园H19号

官方网址: www.tongliananimation.com

User Guide

Revision: 17-05-05



(Remark: Photos are for reference,
specific depends on products.)

TW-389 (Lateral type)

Remark: CE and Rohs certified models are optional.

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

1.Product specification:

Temperature: $-15^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Coin Diameter: 22mm~28mm

Input: DC+12V $\pm 10\%$

Coin Thickness: 1.7mm~2.2mm

Current: 160mA~1.3A $\pm 10\%$

Coin Signal Output: O.C (open collector) type

2.Product characteristics:

- 1.Suit for all kinds of tokens.
- 2.CPU program control and score correctly.
- 3.Digital tube display and special LED indicator on panel.
- 4.Intelligent monitoring and display inserting coins (state and fault).
- 5.Special design: precise/normal switch, inserting coins more smoothly.
- 6.Back open design, anti-jamming coins.
- 7.Luxuriant LED color for option
- 8.Double output socket

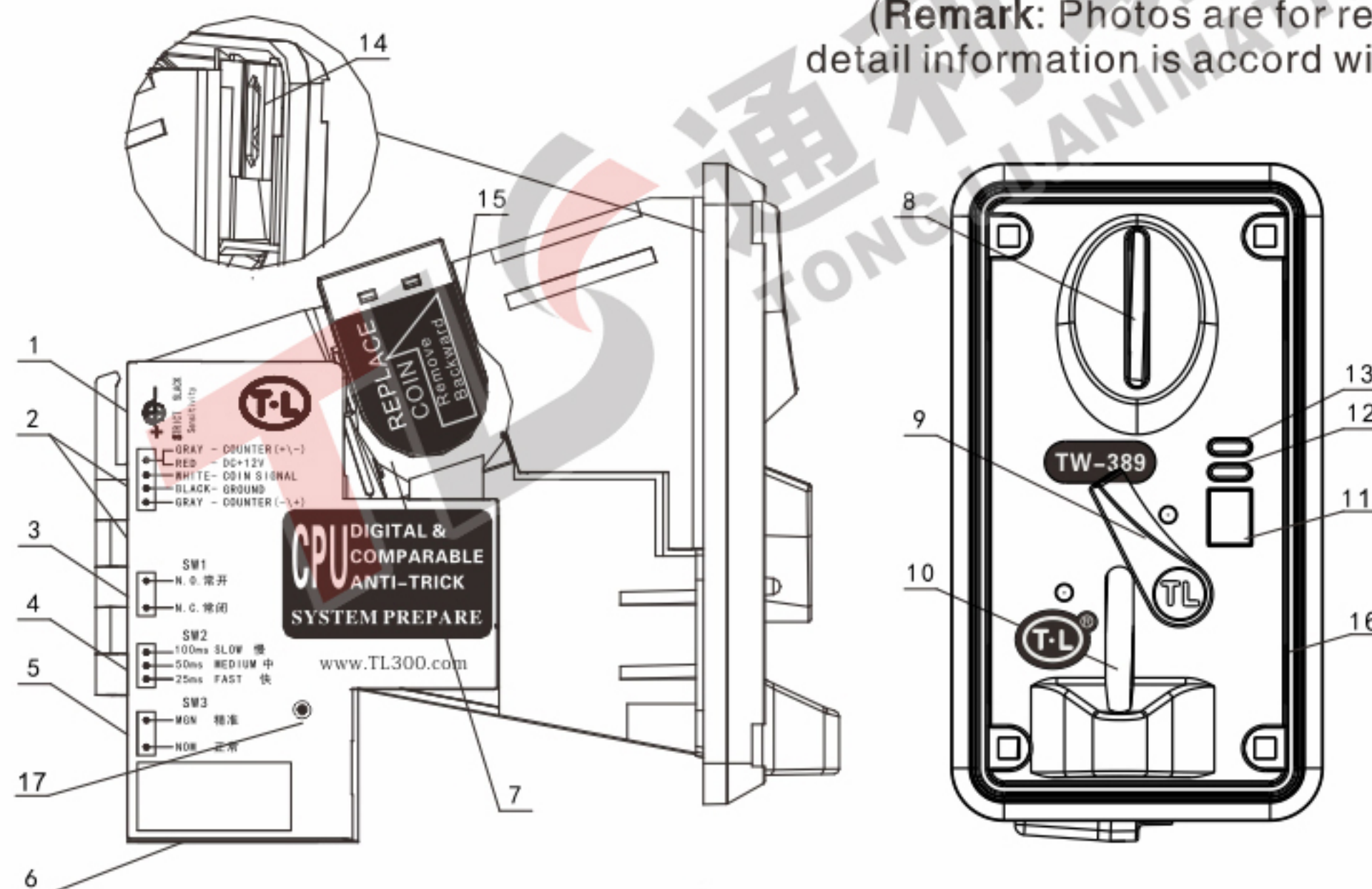
3.Manual:

- 1.Removing the plastic coin from the coin groove and insert the using coins.
- 2.Changing COIN output polarity switch SW1 according to the main board.
PC board with revolving lamp normally use NC; other PC board use NO.
- 3.Changing COIN time switch SW2 according to the main board. Fast 20ms and Medium 40ms normally suit for common game machine, Slow 100ms suit for amusement machine.
- 4.Panel blue LED light is on when power on, digital tube display 0 means that coin acceptor is in normal working state, if blue LED light is off, and digital tube display E, F or C means that coin acceptor is failure.
- 5.VR knob is used to adjust the sensitivity. Clockwise turning is a loose selection, the counterclockwise a strict selection. Generally, it had been adjusted properly before factory.
- 6.Blue LED light is flashing during passing the real coins. If coins can not pass smoothly, please adjust the precision switch(SW3) to normal side, or turn the VR knob clockwise.
- 7.Press select button to change LED color pattern

4. Structure diagram:

NO	Component name	Function description	Factory default
1	VR knob	Adjust the sensitivity of coins, clockwise(loose), counterclockwise (strict)	
2	Power socket	DC+12V power line, COIN signal,GND,counter line	
3	COIN signal polarity switch(SW1)	Adjust COIN signal output polarity to be N.O or N.C	Normal close (N.C)
4	Coin signal time switch(SW2)	Adjust COIN signal output time	Medium
5	Precision switch(SW3)	Adjust the screening precision of coins	Normal(NOM)
6	Coin outlet	Real coin outlet	
7	Plastic coin	Removing the plastic coin before using and insert the using coins	
8	Inserting slot	Coin entry	
9	Panel dial the hand	Slide down when jamming coins in order to exit jammed coins	
10	Counterfeit coin outlet		
11	Digital tube	Prompt coin acceptor working state, as follows: Display 0: Normal ready mode Display 1: Normal working state (have accepted 1pcs coin) Display E: Light-eye fault, jamming coins Display F: Fishing alarm	Display 0
12	Red indicator	Counterfeit coin fault: flash one time	
13	Blue indicator	Ready mode: keep lighting Inserting mode: flash	Blue LED light on
14	Anti-big coin adjustable metal dome	Adjust metal dome to make correct size of coin inserting, to avoid big coins inserting	
15	Induction coil	Induct all kinds of coil	
16	LED bar	Change color	
17	Select key	LED color pattern select button	

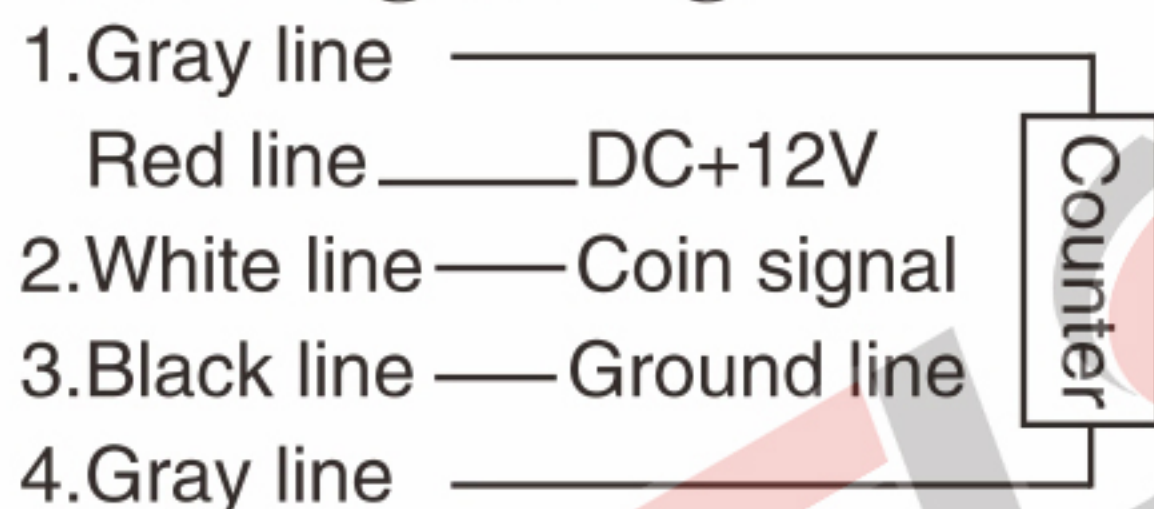
(Remark: Photos are for reference only, detail information is accord with final product.)



5. Common fault handling:

NO.	Normal fault	Method
1	Insert coin but no scores	1. Check the direction of COIN output polarity switch. 2. Adjust the COIN time switch.
2	Retain coins (less score)	1. Adjust the COIN time switch. 2. Coins can not pass smoothly.
3	Retain coins (more score)	1. COIN time switch is not good.
4	Coins can not be inserted smoothly	1. Turn the VR knob clockwise. 2. Adjust the precision switch to normal side. 3. Make sure that sample coin is in a right position, or change another sample coin to try it again.
5	Pass counterfeit coins	1. Adjust VR knob counterclockwise. 2. Adjust the precision switch to precise side.
6	Panel LED light and digital tube off	1. Make sure that the socket is not in poor connection. 2. Check whether the line is connected in right way.
7	Can not pass coins when digital tube display 0	1. Make sure that sensitivity knob is not strict. 2. Make sure that sample coin is in a right position, or change another sample coin to try it again.
8	Can not pass coins when digital tube display E	1. Check whether there are debris or jamming coins. 2. Check whether light eye is not good.
9	Can not pass coins when digital tube display F	1. Fishing alarm reminding. 2. There is no sample coin before using.
10	Jamming coins	1. Slide down when jamming coins, open the slide cover, and lift the induction line to exit jammed coins. 2. Clean the debris in the groove. 3. Make sure the clamshell fold. 4. Adjust the location of limiting size of metal plate at the back of inserting coins panel, to avoid big coins inserting.
11	No light	1. Check the LED bar plug whether is connect well. 2. Press select button to exit to all dark status.

6. Wiring setting:



Suit for TW-389

※ **Remark:** 1. In order to be more convenient for user to use the machine, please put this manual inside to package.
2. If this manual revised, we will not inform again. Please refer to details as:

GUANGZHOU TONGLI ANIMATION TECHNOLOGY CO., LTD.

Add: H19 Startoon City, Yingxing Road, Donghuan Street, PanYu District, Guangzhou, China

Contact: (+86)20-23885899 Official Website: www.tonglianimation.com