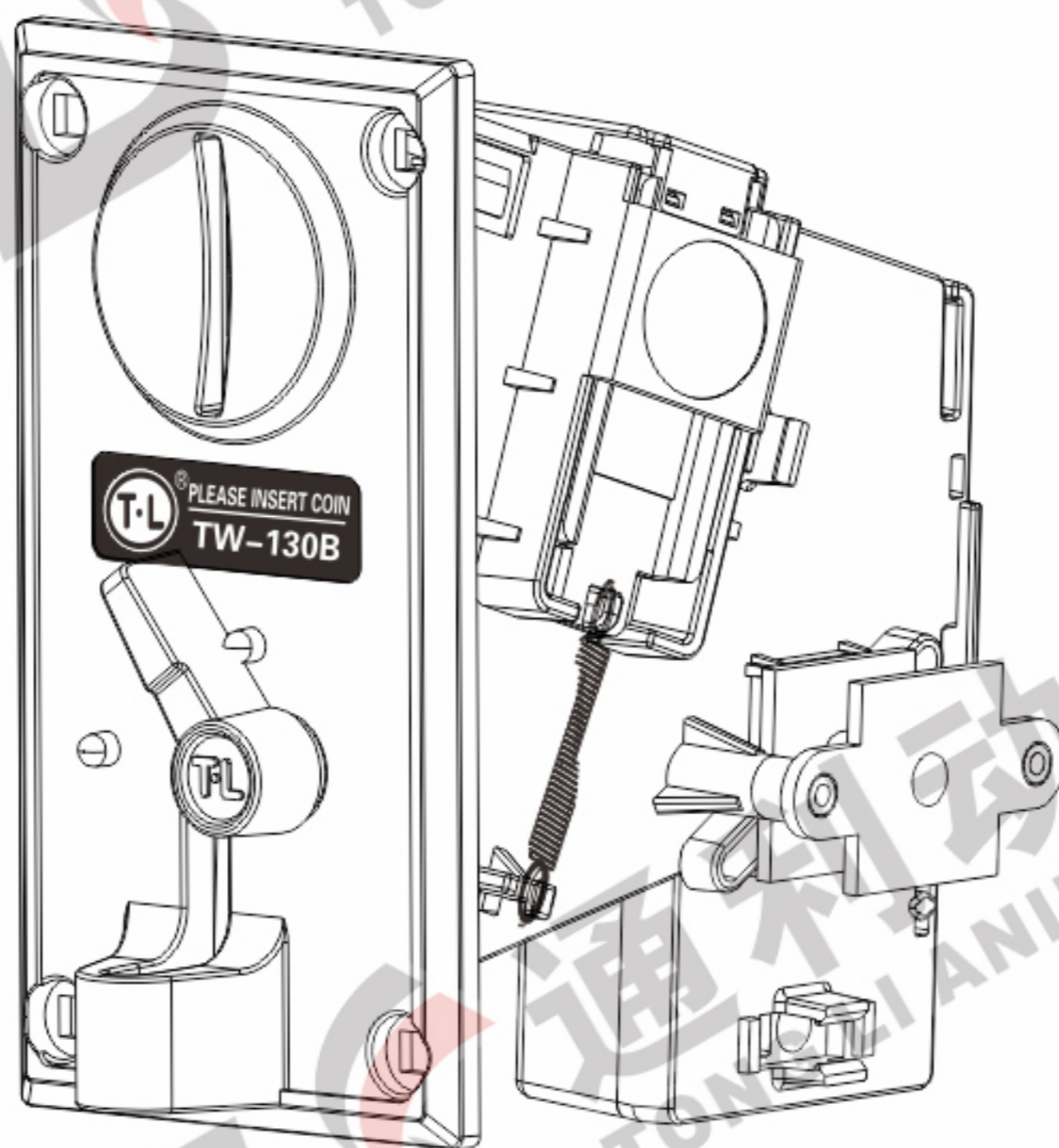


用户指南

Revision: 14-11-26



TW-130B(侧投式)ver:2.6

※此产品仅游戏类代币适用，不支持流通货币使用。

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

硬币直径： $20\text{mm} \sim 30\text{mm}$

硬币厚度： $1.7\text{mm} \sim 2.4\text{mm}$

工作电压： $\text{DC}+12\text{V} \pm 10\%$

工作电流： $60\text{mA} \pm 5\%$

COIN信号输出： $0. \text{C}$ (集电极开路)形式

二、产品特点：

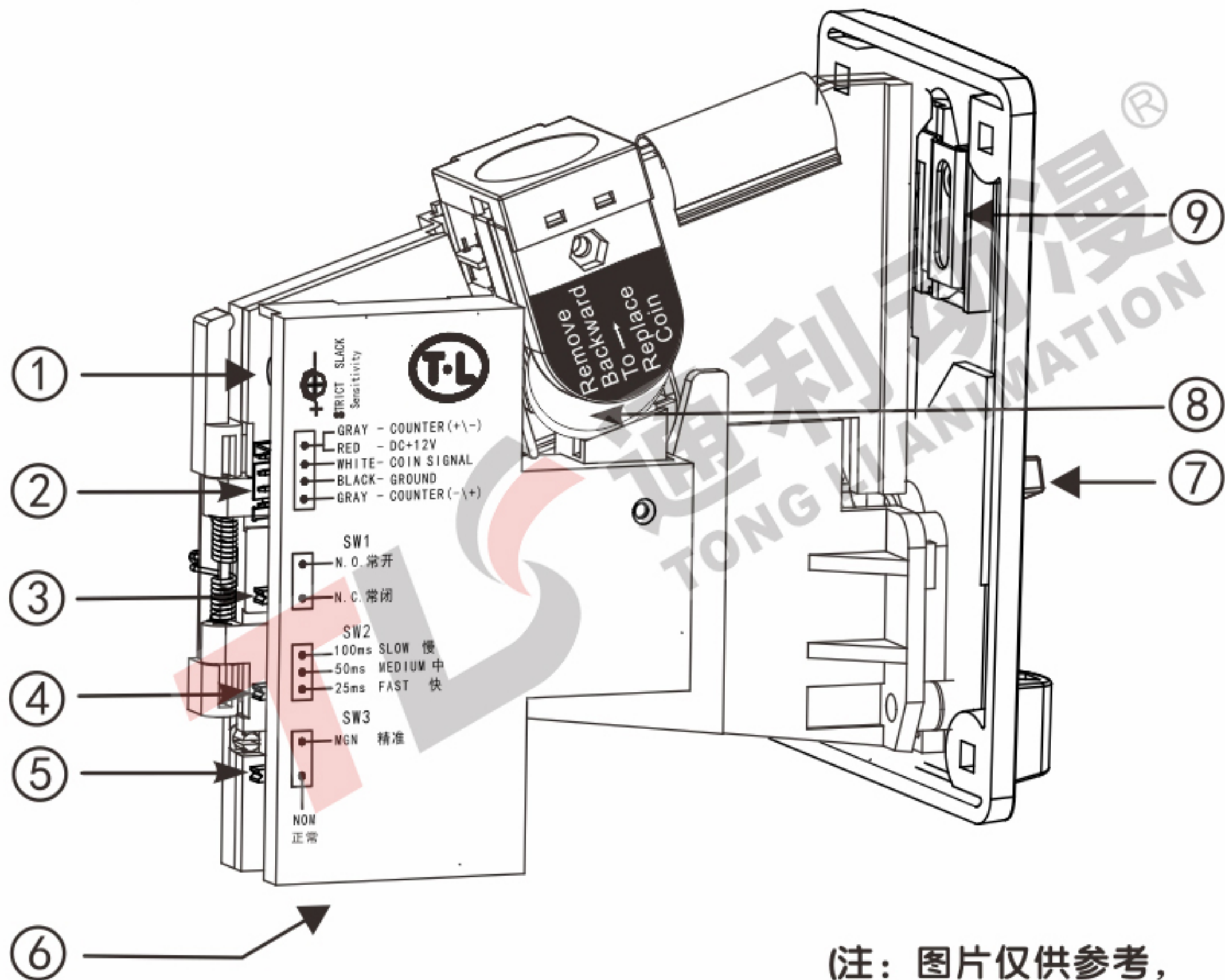
1. 适用于各种代币。
2. CPU程序控制，计分准确。
3. 独特防电磁干扰程序。
4. 特设精准/正常档，投币更顺畅。
5. 翻盖装置，防止卡币和方便清理。

三、使用说明：

1. 取下夹币槽内塑料币，换上使用的硬币。
2. 配合主机板需要，切换COIN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时间开关(SW2)：快档(25ms)，中档(50ms)适用于一般的机台，慢档(100ms)适用于娱乐机台。
4. VR是判别硬币精度旋钮，顺时针调整则选币宽松，逆时针调整则选币严，一般不需要调整，出厂时已调合适。
5. 如过币不顺畅，将精度开关(SW3)拨为正常位，或顺时针调整VR。

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DC+12V电源线、COIN信号线	
3	极性开关(SW1)	根据需要, 调为常开(N. O.), 或常闭(N. C.)	常闭(N. C.)
4	时间开关(SW2)	根据需要, 可调为快(Fast), 中(Medium), 慢(Slow)	中档(Medium)
5	精度开关(SW3)	调整硬币筛选精度	正常(NOM)
6	出币口	真币最终出口	
7	面板拨手	卡币时可往下拨动, 使卡币退出	
8	塑料币(样币)	依标签箭头所示推开, 必须换上自己所要用的硬币	
9	限大小弹片	调节此弹片使投币口大小合适, 防止大币误入	



(注: 图片仅供参考, 具体请以实物为准)

五、常见故障处理：(如下表)

序号	常见故障	处理方法
1	不计分	1. 信号线没接好 2. 接线不正确 3. 投币器电源插头线是否接触不良 4. 电脑板(信号接收端)没接上拉电阻 5. COIN极性开关(SW1)档位不正确 6. 调整COIN时间开关(SW2)。
2	吃币(少计分)	1. 调整COIN时间开关(SW2) 2. 投币器币道中有杂物 3. 出币口过币不通畅 4. 翻盖未合拢
3	多计分	1. 调整COIN时间开关 2. 出币口过币不通畅 3. 投币器电源插头线松动 4. COIN极性开关不良
4	不顺畅	1. 顺时针调整VR旋钮 2. 精度开关(SW3)拨向正常档 3. 样币是否夹好, 换个样币试试
5	不过币	1. 投币器电源插头线没连接或接触不良 2. 接线不正确 3. 币道中有杂物 4. 样币没夹好
6	过假币	1. 逆时针调整VR精度旋钮 2. 精度开关(SW3)拨到精准档
7	卡币	1. 卡币时拨动面板拨手、翻开投币器的侧盖、将夹放样币的感应线圈向上提起, 使阻塞币滑下 2. 清除币道的杂物 3. 检查翻盖是否未合拢 4. 调整面板投币口后面的限大小弹片位置, 防止大币投进

六、接线说明:



※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。

本说明书最终解释权归广州通利动漫科技有限公司所有

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

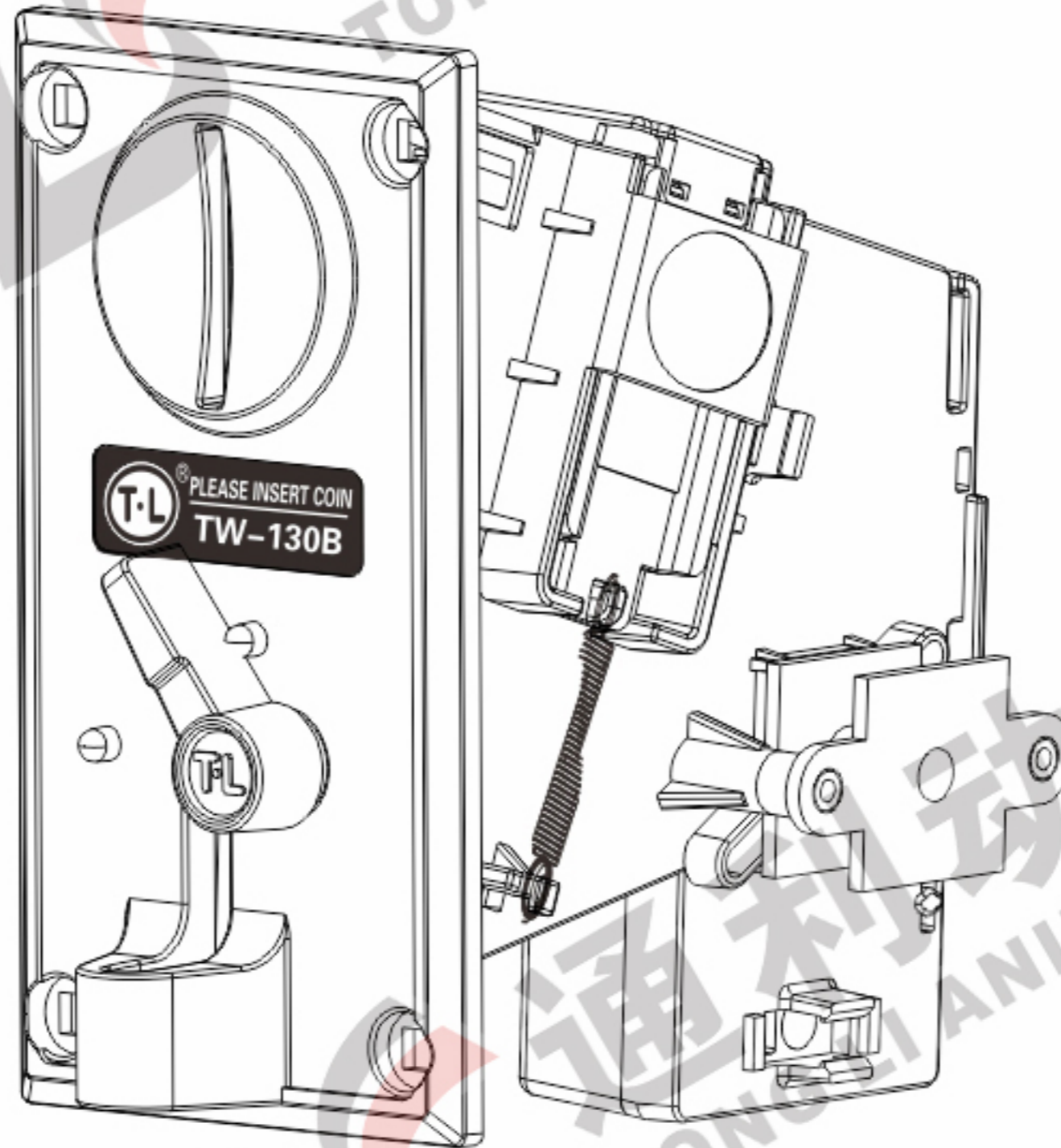
官方网址: www.tonglianimation.com



TONG LI
Founded in 1991

User Guide

Revision: 14-06-26



TW-130 Series (Lateral type)

※THIS PRODUCT IS ONLY APPLICABLE TO GAME TOKENS AND DOES NOT SUPPORT THE USE OF CIRCULATING CURRENCIES.

- **Thanks for your shopping**
- **Please read the user's manual before use**

1. Product specification:

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

Diameter of coin: 20mm~30mm

Thickness of coin: 1.7mm~2.4mm

Working voltage: $\text{DC}+12\text{V} \pm 10\%$

Coin signal output: O.C.(open collector)type

Working current: $60\text{mA} \pm 5\%$

2. Product characteristics:

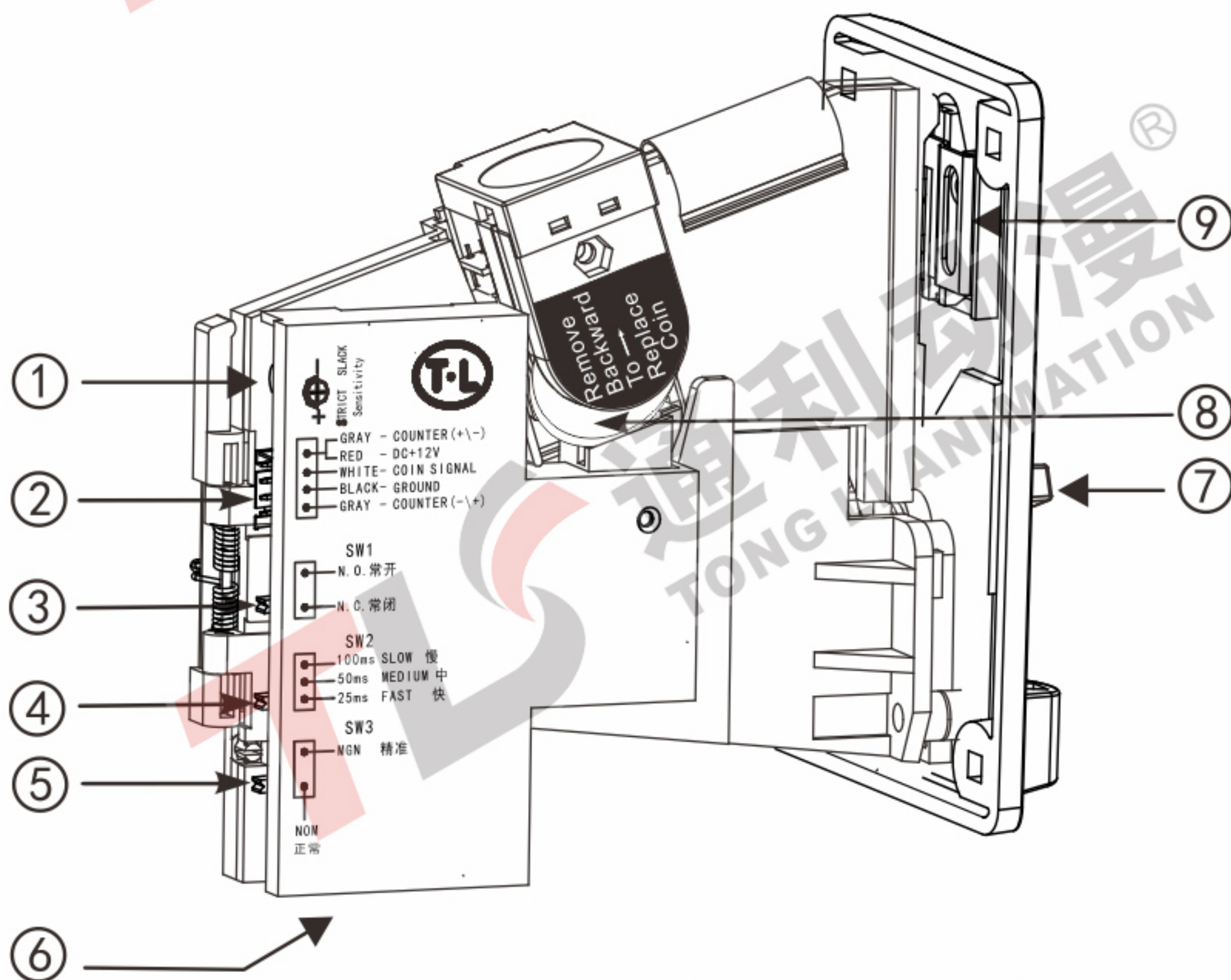
- 1.Suit for all kinds of tokens.
- 2.CPU program control and score correctly.
- 3.Special design for anti-EMI(electromagnetic interference).
- 4.Special design: precise/normal switch make the coin inserting more smoothly.
- 5.Back open design, no jamming coins and plugging coins

3. Manual:

- 1.Removing the plastic coin from the coin groove and insert the using coins.
- 2.Changing COIN SW1 according to the main board. PC board with revolving lamp normally use NC; other PC board use NO.
- 3.Changing COIN SW2 according to the main board. Fast 25ms and Medium 50ms normally suit for common game machine, Slow 100ms suit for amusement machine.
- 4.VR knob is used to adjust the sensitivity of the coin acceptance. Clockwise turning is a slack selection, the counterclockwise a strict selection. Generally, It had been adjusted in the factory.
- 5.If find the coin pass unsmooth, please adjust the precision switch, or turn the VR knob to the suitable direction.

4.Common fault handling:

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	
3	Polarity switch(SW1)	Choose N.O or N.C. according to the specification of the machine	Normal close (N.C)
4	Time switch(SW2)	Choose Fast ,Medium, Slow according to the specification of the machine	Medium
5	Precise switch(SW3)	Adjust the screening precision of coins	Normal(NOM)
6	Coin outlet	Real coin outlet	
7	Panel dial the hand	Slide down when jamming coins in order to exit jammed coins	
8	Plastic coins (sample coins)	Changing using coins in accordance with the arrow and push away sample coins	
9	Limited size metal dome	Adjust metal dome to make correct size of coin insert, anti big coins insert	

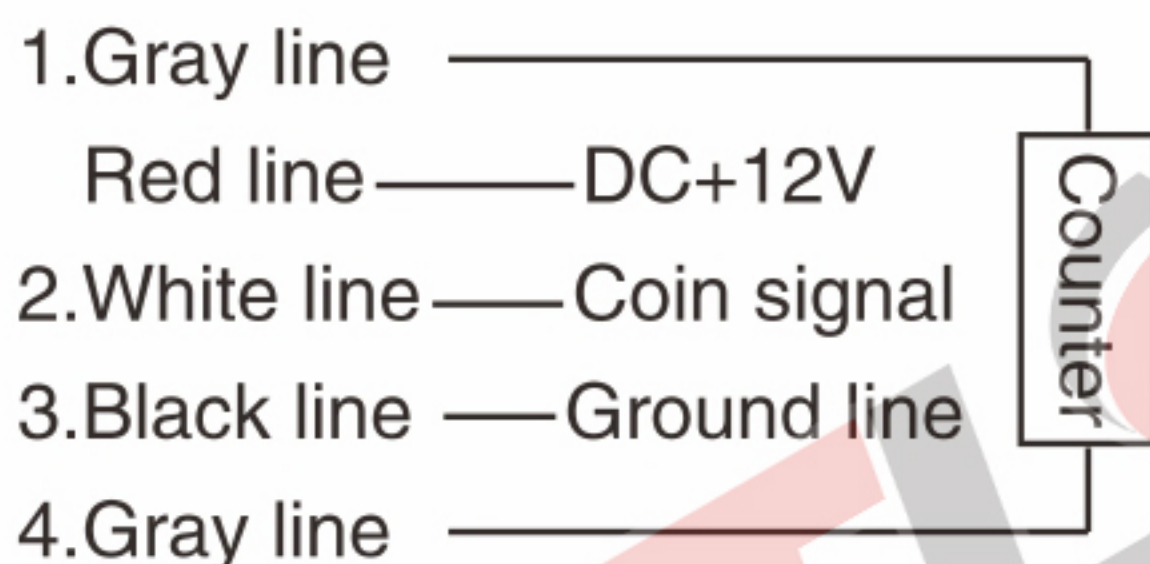


(Remark: Photos are for reference, specific depends on products.)

5. Common fault handling:

NO.	Normal fault	Method
1	Insert coin but no scores	1. Signal line hadn't been connected. 2. Check the line whether it is connected in right way.3. Make sure the socket is not in a poor contact. 4. Make sure the resistance(on PC board) had been connected. 5. Check the direction of polarity switch(SW1).6,Adjust the coin time switch(SW2)
2	Retain coins (less score)	1. Adjust the coin time switch(SW2). 2. There are debris on coin slot. 3. Coins goes out not smoothly.4. Make sure the clamshell fold.
3	Retain coins (more score)	1. Adjust the coin time switch(SW2). 2. Coins goes out not smoothly. 3. Check the line whether it is loose.4,Check polarity switch in a poor contact
4	Coin insert unsmooth	1. Clockwise turn the VR knob.2,Tunr the precise switch to normal side. 3. Change for a new sample coin
5	Coin can't pass	1. Make sure the socket is not in a poor contact. 2. Check the line whether it is connected in right way.3,Check whether there are debris in the groove.4,The sample coin is not in right direction
6	Pass count-erfeit coins	1. Change the sample coin for resetting.2,Set the precise switch to precise side
7	Jamming coins	1.Slide down when jamming coins, open the slide cover, and lift the induction ine to exit jammed coins. 2.Clean the debris in the groove 3. Make sure the clamshell fold.4.Adjust the position of limiting big or small metal plate at the back of slot, prevent big coin inserting.

6. Wiring setting:



- ※ **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:

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