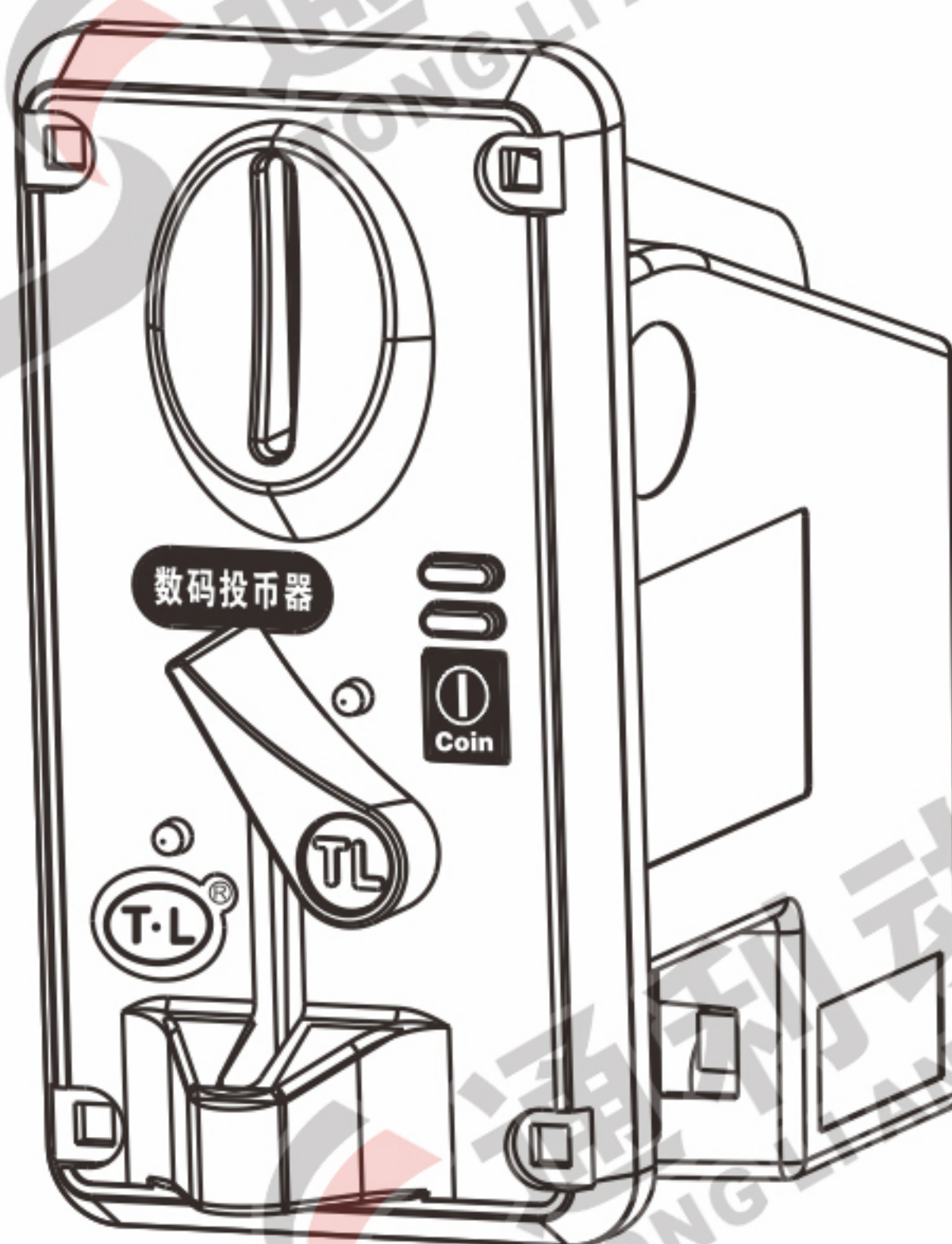


User Guide

Revision: 17-05-05



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

TW-500

Remark: CE and Rohs certified models are optional.

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

1.Product specification:

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

Acceptable coin type: Only for digital coin with hole.

working current: $45\text{mA} \pm 5\% \sim 0.9\text{A} \pm 10\%$

2.Product characteristics:

- 1.CUP program control, scoring accurately.
- 2.Powerful identification ability, multiple-point location scanning, avoid fake coins effectively.
- 3.Setting function, can renewedly sampling to set coin.
- 4.Remote controller function (Option):

Fault display

Inserted coin record

Set 1 coin : scores or multi coins : 1 score Chinese menu setting and display

3.Instructions:

- 1.Convert SW1 COIN signal output polarity switch according to main board, N.C is normal close (Low level), N.O is normal open.
- 2.Convert SW2 COIN signal pulse time switch (Fast/Middel/Slow) according to main board, arcade machine suggested to use Slow, others are Middle.

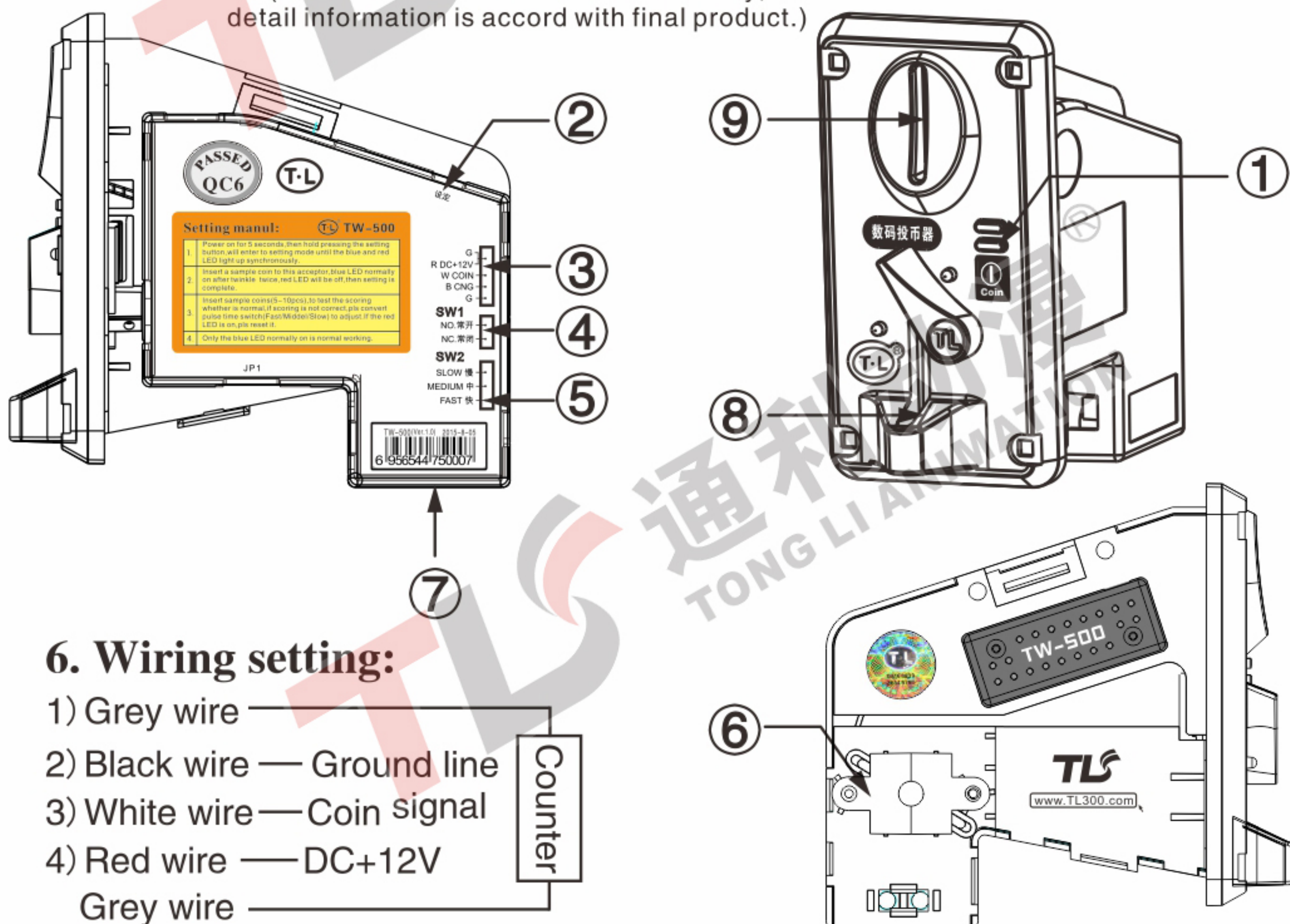
4.Setting manul:

- 1.Power on for 5 seconds, then hold pressing the setting button, will enter to setting mode until the blue and red LED light up synchronously.
- 2.Insert a sample coin to this acceptor, blue LED normally on after twinkle twice, red LED will be off, then setting is complete.
- 3.Insert sample coins (5-10pcs), to test the scoring whether is normal, if scoring is not correct, pls convert pulse time switch (Fast/Middel/Slow) to adjust. If the red LED is on, pls reset it.
- 4.Only the blue LED normally on is normal working.

5. Structure diagram:

NO	Component name	Introductions
1	Red/Blue LED	Display the working status.
2	Setting button	Hold pressing for 3 seconds and enter to setting status, red and blue LED normally on.
3	Power supply socket	Supply coin acceptor 12V and signal output.
4	SW1 Switch	N.C is normal close (Low level), N.O is normal open.
5	SW2 Switch	COIN pulse width: Fast(20ms)/Middle(40ms)/Slow(100ms)
6	Magnet	Control the motion trail of real coins and fake coins.
7	Real coin exit	Inserted real coins will enter to cashbox from here.
8	Fake coin exit	Inserted fake coins will roll out from here.
9	Coin slot	Only for digital coins.

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



6. Wiring setting:

- 1) Grey wire — Counter
- 2) Black wire — Ground line
- 3) White wire — Coin signal
- 4) Red wire — DC+12V
- Grey wire — Counter

7.LED display instructions:

1.Normal display

NO	Status display	Status instructions:
1	Blue LED normally on	Normal working
2	Red and blue LED on synchronously	Setting status
3	Blue LED twinkle twice.	Setting complete

2.Fault display and solution

Fault status display	Fault	Solution
Red LED twinkle 1time	Setting button fault	Setting button is invalid,please send the coin acceptor back to factory for fixing.
Red LED twinkle 2 times	Up photosensitive fault	1.Clean the up photosensitive between emitter and receiver. 2.Check the main board and
Red LED twinkle 3 times	Down photosensitive fault	Clean the down photosensitive between emitter and receiver.
Blue LED twinkle 4 times	No setting sample coin	Please set the sample coin according to the setting manual.

8.Normal fault and solution

NO	Fault	Solution
1	No scoring after inserting coin	A.SW1 switch setting. B.Signal and socket wire whether is connect correctly. C.Main board whether is support coin acceptor. D.Coin exit whether is smooth.
2	Less score	A.Adjust SW2 time switch. B.Check the coin channel whether is blocked by foreign matter. C.Coin Exit whether is blocked.
3	Not accept cons	A.Coin acceptor whether is power on. B.Coin channel whether is blocked by foreign matter. C.Coin exit whether is blocked. D.Whether is set the sample coin.
4	Inserting coins is not smooth	A.Reset. B.Less than 12V power supply.
5	Accept the fake coin	A.Take out the sample coin and reset.
6	Coin jamming	A.Coin acceptor whether is placed vertically.

※ **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:

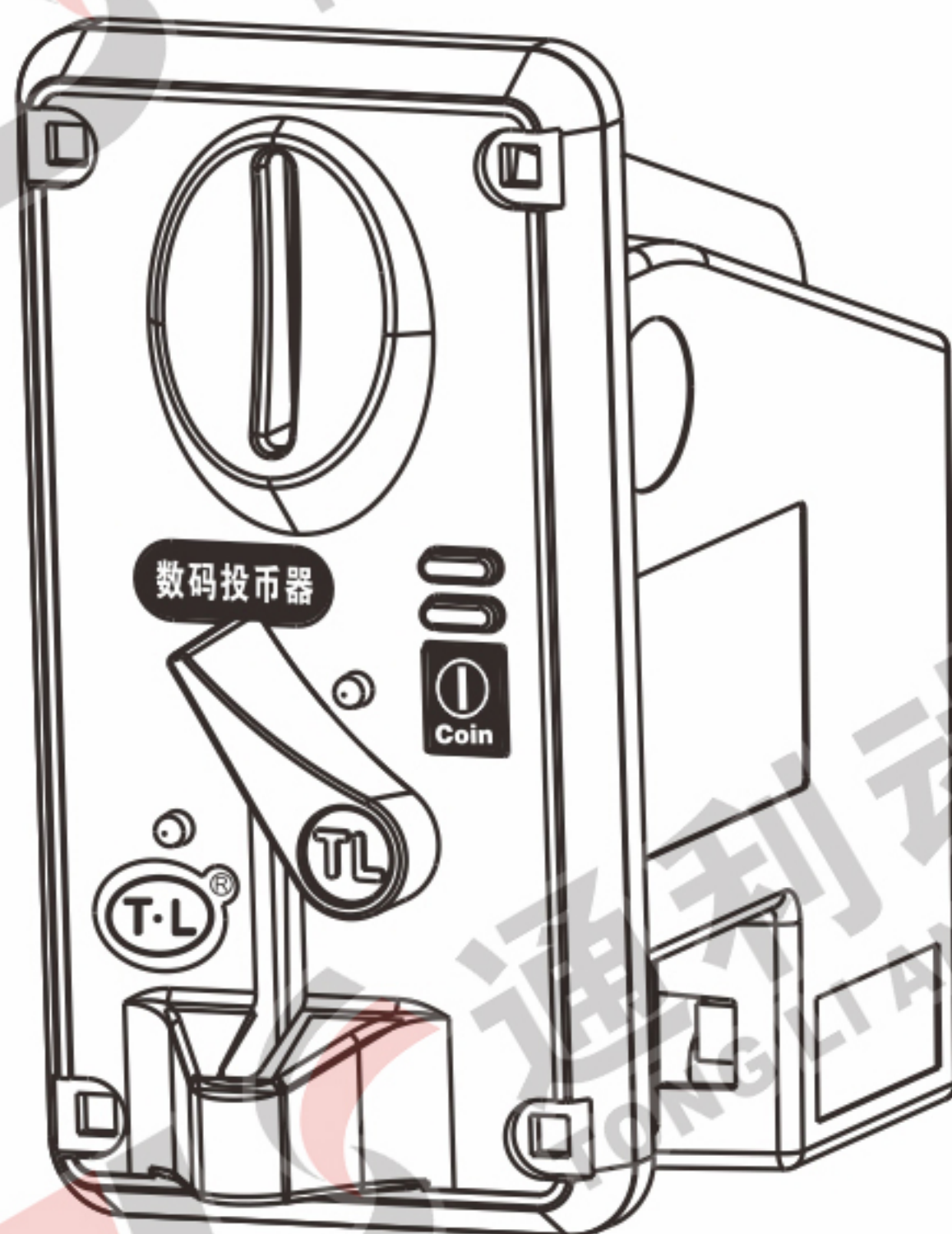
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用户指南

Revision: 17-05-05



TW-500

注：如需环保产品需另行订购

- 谢谢您购买
- 在使用前，请务必阅读此说明书。

一、产品规格:

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

适用硬币: 仅支持专用带孔数码币

工作电流: $45\text{mA} \pm 5\% \sim 0.9\text{A} \pm 10\%$

二、产品特点:

1. CPU程序控制，计分准确。
2. 超强的硬币识别功能，多点定位扫描，有效防止假币。
3. 设定功能，可重新取样设定硬币。
4. 在有线遥控器支持下（需另购）：
 - 故障显示
 - 投币记录
 - 设定1币多分或多币1分
 - 中文菜单设置及显示

三、使用说明:

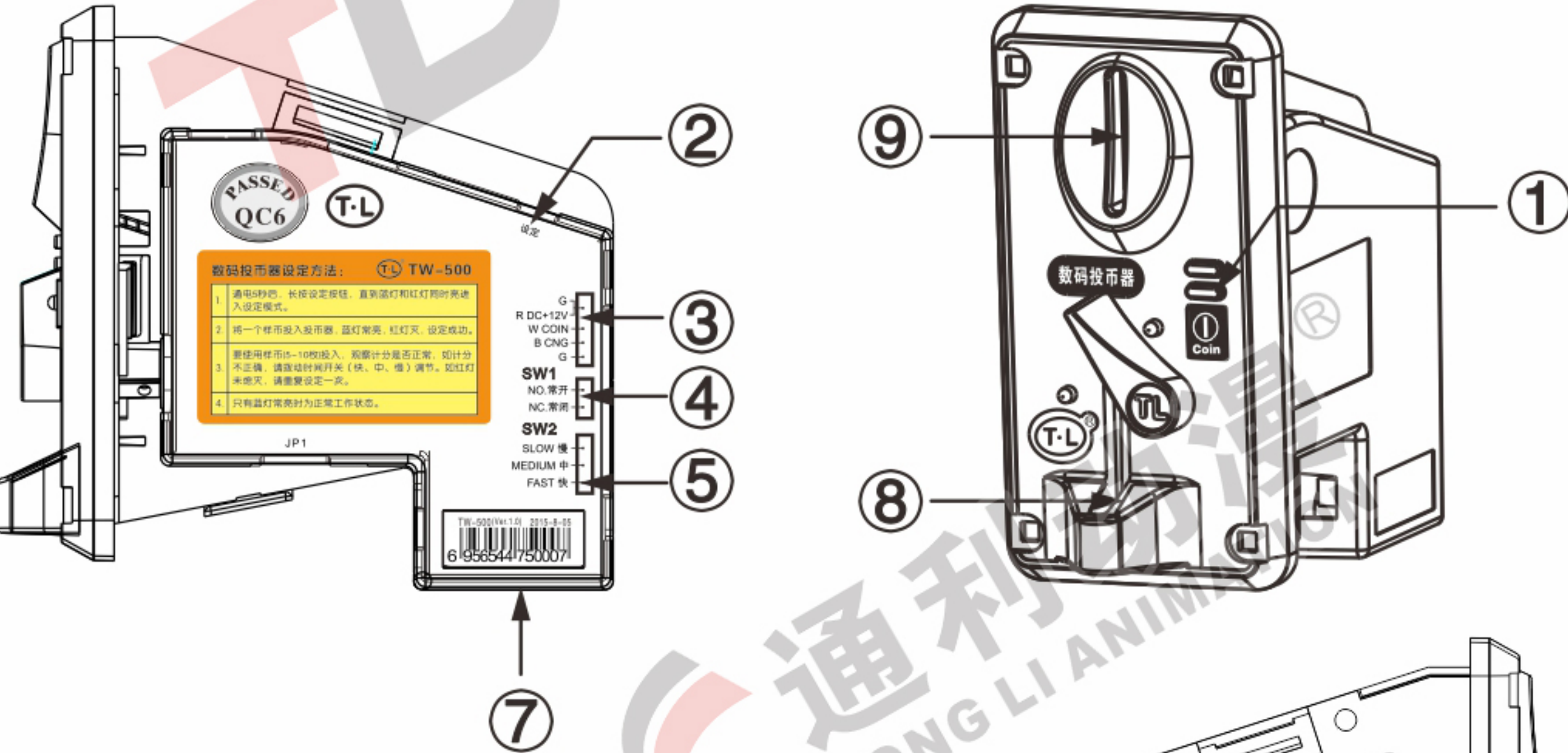
1. 配合主机板，切换SW1 COIN信号输出极性开关，N.C常闭（常态低电平），N.O常开（常态高电平）
2. 配合主机板，切换SW2 COIN信号脉冲时间开关（快/中/慢三档），娱乐机台选慢档，其它选中档。

四、设定说明:

1. 通电5秒后，长按设定按钮，直到蓝灯和红灯同时亮进入设定模式。
2. 将一个样币投入投币器，蓝灯常亮，红灯灭，设定成功。
3. 要使用样币（5-10枚）投入，观察计分是否正常，如计分不正确，请拨动时间开关（快、中、慢）调节。如红灯未熄灭，请重复设定一次。
4. 只有蓝灯常亮时为正常工作状态。

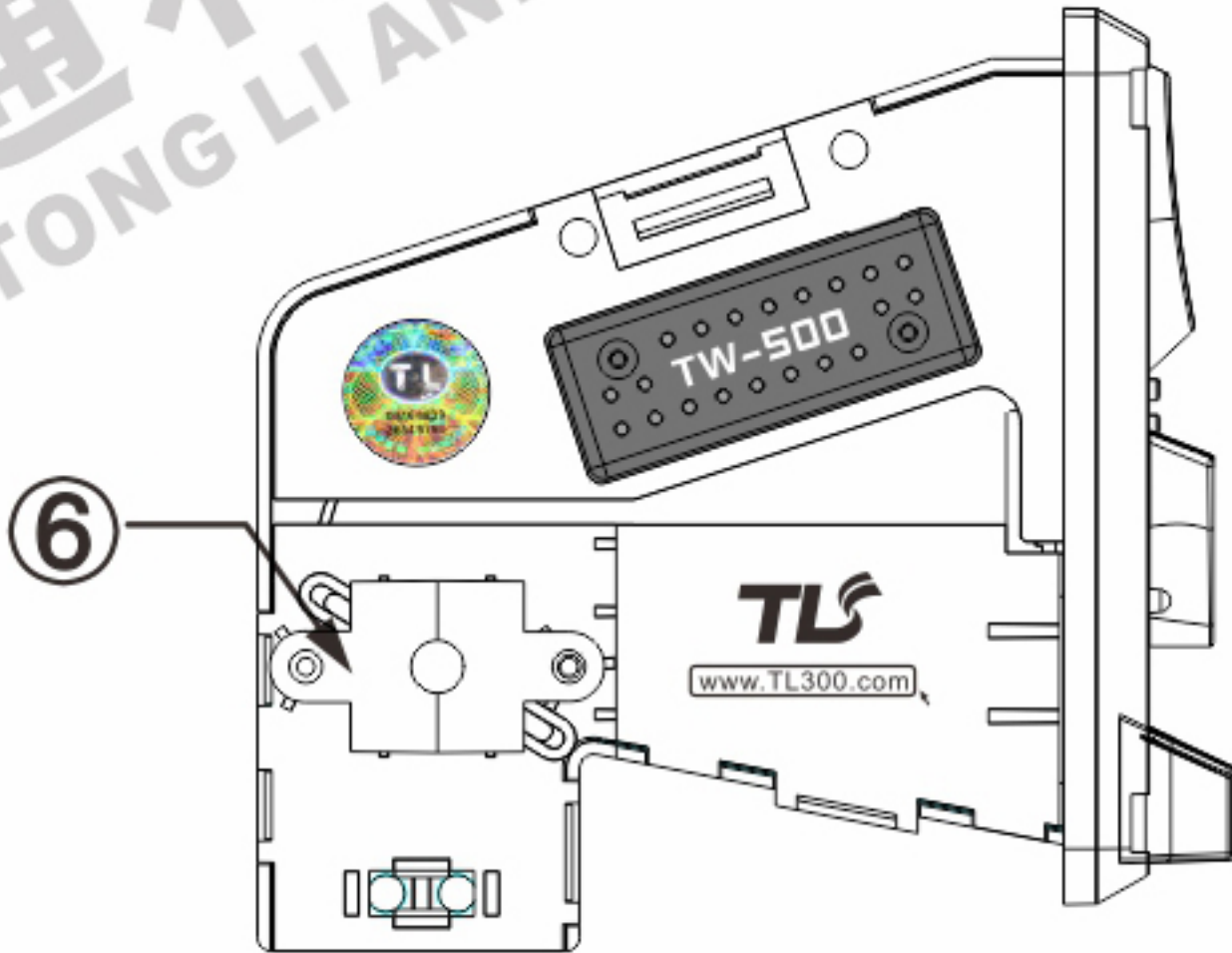
五、产品结构部件说明(如下表和图示):

序号	部件名称	部件说明
1	红灯/蓝灯	显示工作状态
2	设定按钮	长按3秒进入设定状态, 红灯和蓝灯常亮
3	电源插口	提供投币器12V电源和信号输出
4	SW1开关	N.C 常闭 (常态低电平) N.O 常开 (常态高电平)
5	SW2 开关	COIN脉冲宽度三档:快(20 毫秒)/中(40 毫秒)/慢(100毫秒)
6	磁铁	控制真币、假币运动轨迹
7	真币出口	投入的真币从此滚出, 掉入钱箱
8	假币出口	投入的假币从此滚出
9	投币口	只能投入数码币



六、接线说明(如下:)

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



七、LED显示说明:

1、正常显示

序号	状态显示	状态说明
1	蓝灯常亮	工作正常
2	红灯和蓝灯同时亮	设定状态
3	蓝灯闪2下	设置完成

2、故障显示及处理方法

故障状态显示	故障	处理方法
红灯闪1下	设定键故障	设定键失效, 返厂维修。
红灯闪2下	上光敏错误	1. 清除上光敏发射和接收间的遮挡物。
		2. 检查主板和发射板之间的排线是否插好。
红灯连闪3下	下光敏错误	清除下光敏发射和接收间的遮挡物。
蓝灯连闪4下	没有设定样币	按设定说明, 设定样币

八、常见故障及解决方法(如下表:)

序号	故障现象	解决方法
1	投币不计分	A、SW1开关设置。 B、信号线是否连接正确, 插座接触是否良好 C、主板上是否支持投币 D、出币口过币是否通畅
2	吃币	A、调整SW2时间开关 B、检查币道是否有异物 C、出币口过币是否堵塞
3	不过币	A、投币器是否通电 B、投币器币道中是否有异物、塞币。 C、出币口是否堵塞 D、是否已设定样币
4	投币不顺畅	A、重新设定 B、投币器12V电源偏低
5	过假币	A、取样币重新设定
6	假币堵塞/投币吃力	A、投币器是否垂直放置

※ 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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