

Devils Hunter



User Guide

Remark: Photos are for your reference only,
please regard the actual product as the truth.

Warning

- Please read this user guide carefully before operation to ensure the safe operation of this machine.
- Please keep this user guide in order to check when you need in the future.
- The machine frame and components are subject to change without further notice.

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Chapter 1 HOW TO PLAY

1. How to Play

- (1) Insert Coins, screen shows 5 stages. Throw ball to select the stage to play, then game start.
- (2) When game start, many minor devils will appear. Player throw balls to hit devils to get scores. On the Screen, One small bar shows on the upper left corner. Every devil are hit, scores will full up the bar. Once the bar is full, the Monster Devil will appear.
- (3) Eliminate Monster Devil to get more scores.



2. Title and Demo Screen

Game Title->Demo of Each stage Randomly-> Game Title



3. Select Stages

There are five stage, Halloween, Street, Desert, Grave and Forest. Player can select one of five stages.



4. Game Screen

Every stage has minor Devils and Monster Devil

When Minor Devils are hit, Monster Devil will be getting angry and angry. Once the Angry bar on upper left corner is full, Monster Devil will appear.

Each stage show Tips to explain how to flight Monster Devil.



5. Continue Screen

If not able to eliminate monster devil, continue screen will show. Player can throw ball to select continue or not.

Throw ball to hit left side to continue the game. Throw ball to hit right side to end the game.



6. Treasure Box screen

After eliminating monster devil, Treasure box screen will appear. If not eliminate monster devil, the screen will not appear.
Player throw ball to select one of Treasure box. Different box has different scores. The scores from treasure box will combine the game scores together.



7. Total Scores screen

The screen show the total scores and monsters repelled rate.



Chapter 2. Troubleshooting

1. Ball Gate

The ball gate shows an error, the issue could be a poor contact of the switch, or the ball gate is not detected. After the issue is fixed, press the service button to release the error message.

2. Machine specifications and accessories description

Size: Height 2200mm, Width 880mm, And Depth: 1990mm

The machine consists of a main board, 55-inch LCD screen, infrared sensor, ball, two coin mechanism, speaker, power supply, RGB light, machine frame.....etc.

3. Hardware Test

If system cannot detect hardware, screen will show "IO ERROR!".

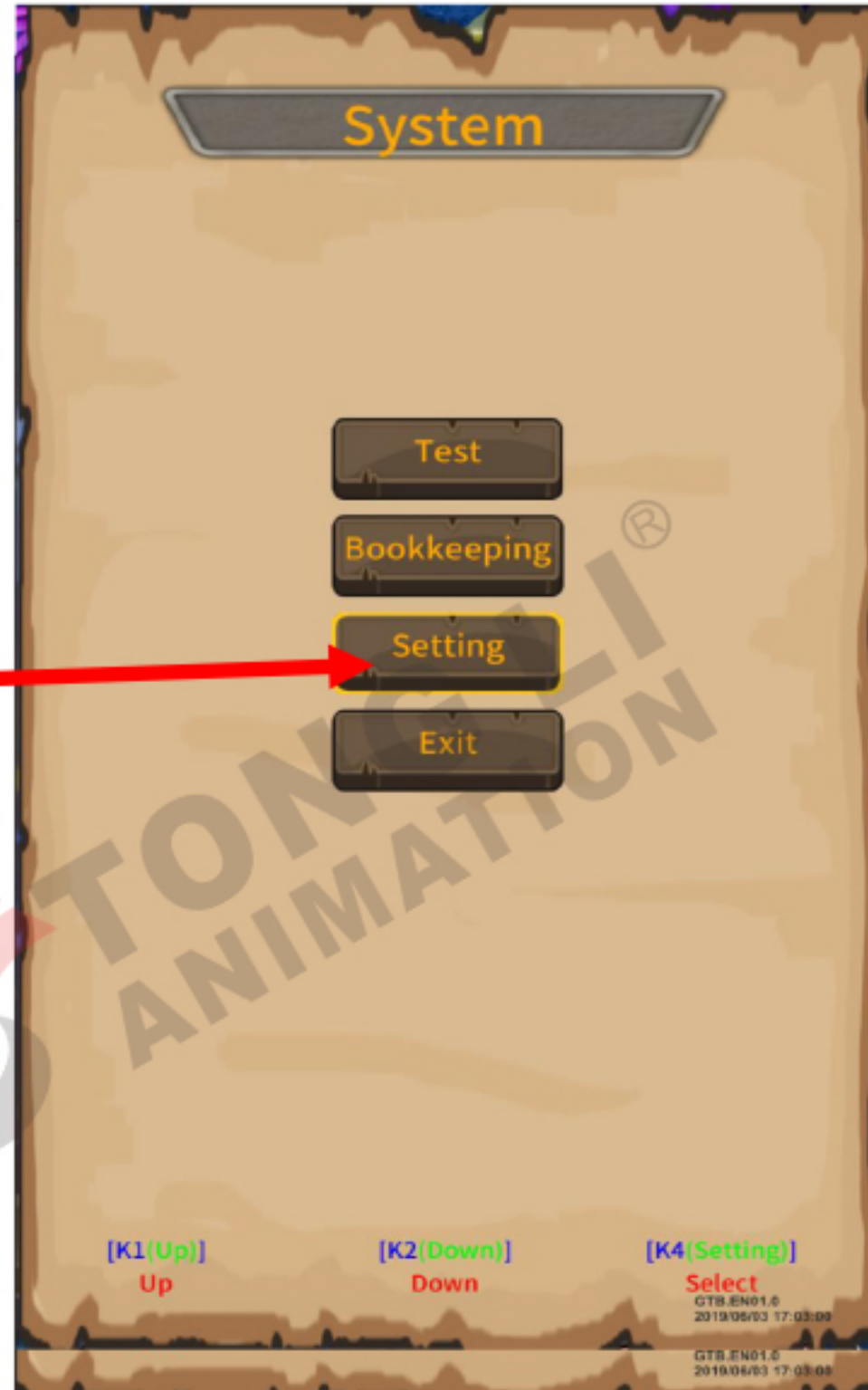
If SRAM cannot read, screen will show "SRAM ERROR"!

Try to Restart or press Service button to Reset"

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ANIMATION

Chapter 3 System Menu and Management

- (1) Press Setting key (K4) to enter the system page.



(2) Enter “Setting” page

Password is requested for enter system page. Default password is K4, K4, K4, K4.



Setting Item	Range of values
One coin equals Credit	1-10
One game need Credits	1-10
Free game	ON/ OFF
Game difficulty	The simplest / Simple / Normal / Difficult / most difficult
Game time	30/45/60/75/90 sec
Demo Light change	White / Blue / Green / Red / Yellow / Purple / Blue / Black / SEQ (The order is: Red->Yellow->Green->Green->Purple->White)
Light Time Loop	2-30 sec
Language	English/ Traditional Chinese / Simplified Chinese
Goal closing time	1-8 sec

(3) Time Setting

After setting Time, time will appear on report.

The image shows a 'Time setting' screen with a parchment-like background. At the top, a grey button with the text 'Time setting' is centered. Below it, a vertical column of buttons allows for time selection: 'Year', 'Month', 'Day', 'Hour', 'Minute', 'Second', 'Exit', and 'Save&Exit'. To the right of these buttons, the current values are displayed in red text: 2019, 6, 13, 13, 41, and 10. A large, semi-transparent watermark reading 'TONG LI ANIMATION' is oriented diagonally across the center of the screen. At the bottom, four control instructions are listed: '[K1(Up)] Up', '[K2(Down)] Down', '[K3(Service)] Subtract', and '[K4(Setting)] Add&Select'.

Year	2019
Month	6
Day	13
Hour	13
Minute	41
Second	10
Exit	
Save&Exit	

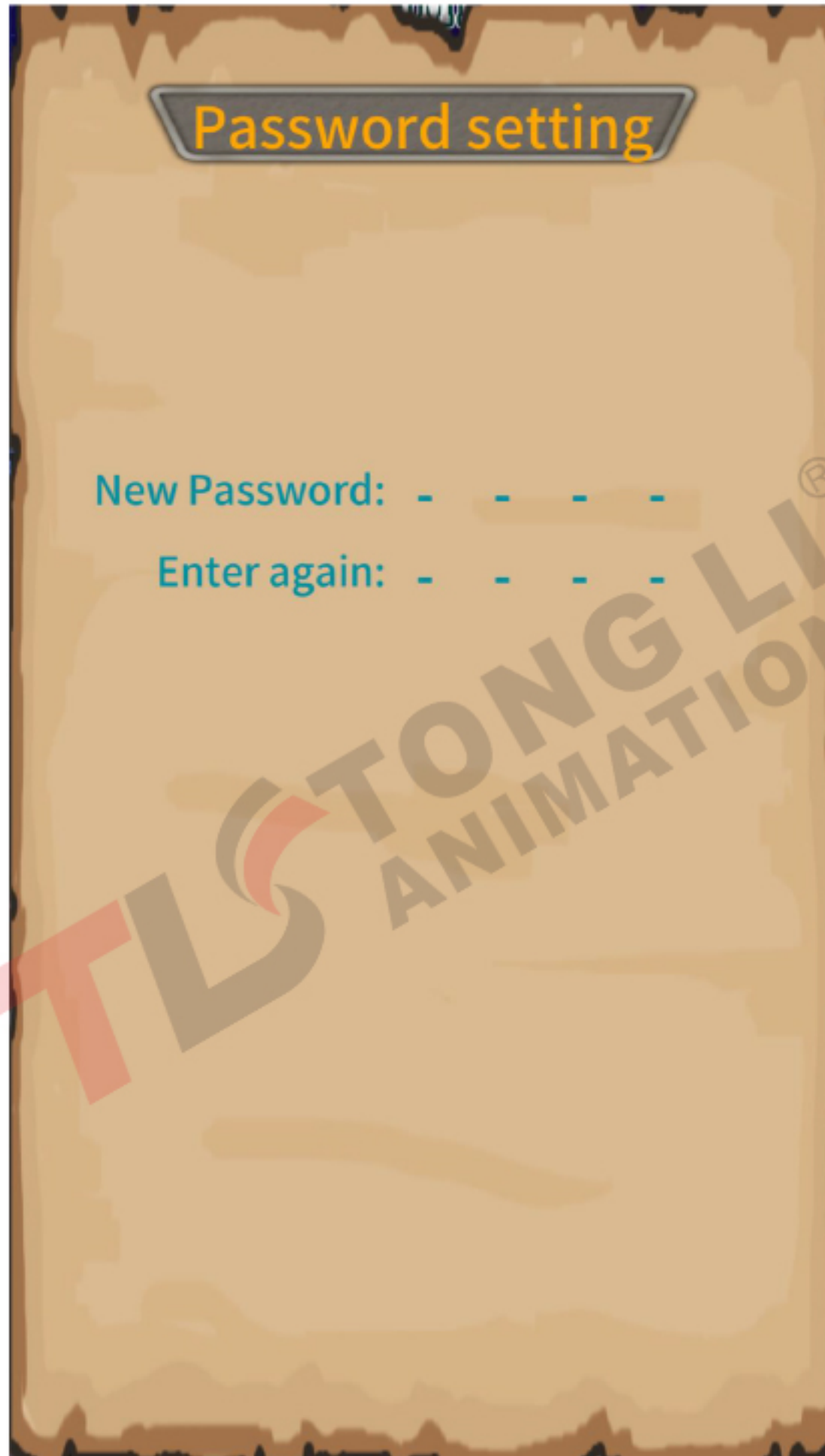
[K1(Up)] Up [K2(Down)] Down [K3(Service)] Subtract [K4(Setting)] Add&Select

(4) Password Setting

Before setting new password, you need to enter the old password first.

Buttons for setting password are K1/K2/K3/K4

New password and confirm password should be same, then password setting is success, if not, password setting will not completed.

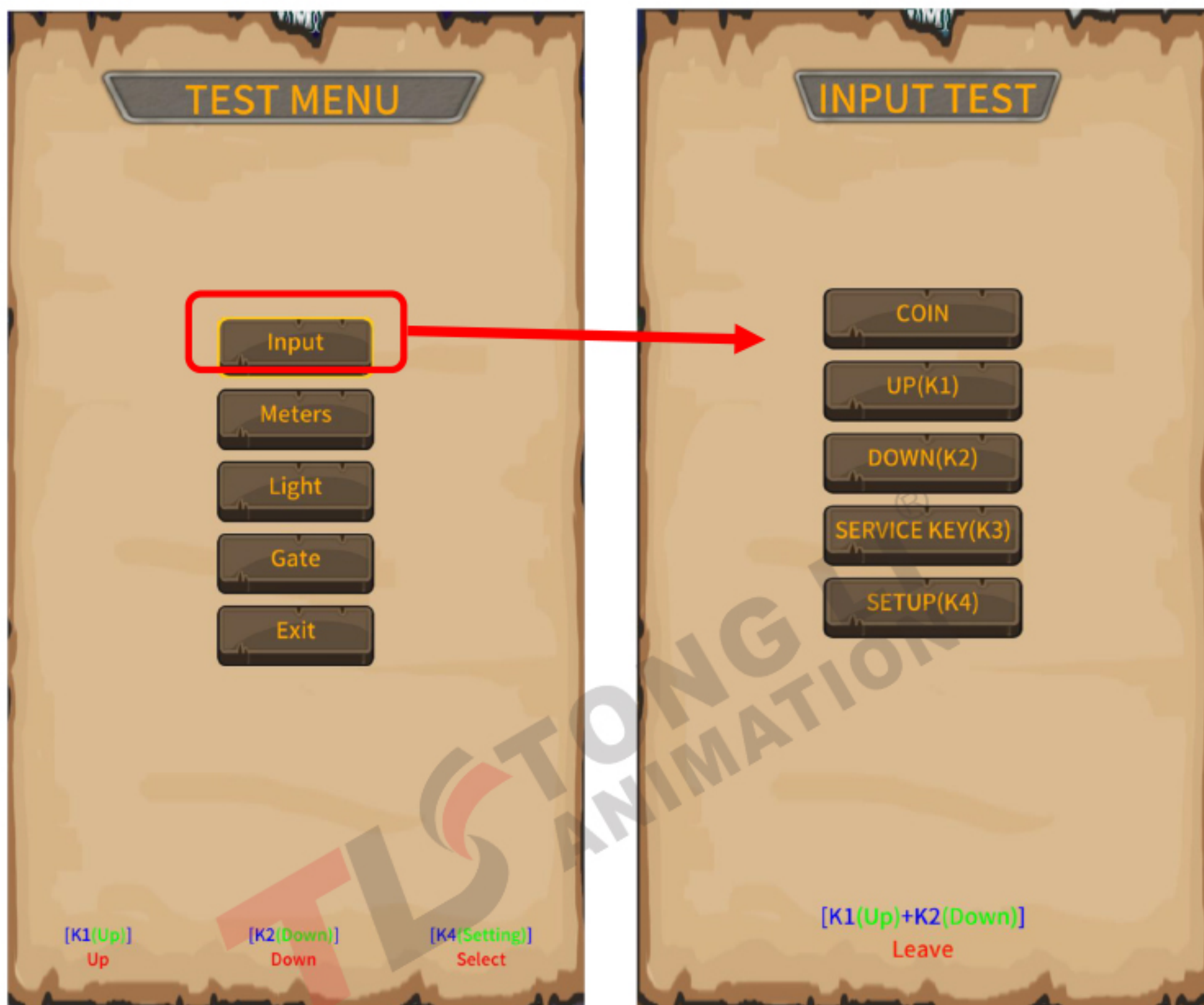


(5)Back to Default

All Data will be cleared, and all setting will back to default setting.
Press K3 (YES) to restart the game.



(6) Test Menu



(7) Meter Test

Meter 1: CoinA

Meter 2: CoinB

Meter 3: Reseved



(8)Light Test

To test the color of Light on machine



(9)Ball Gate Test

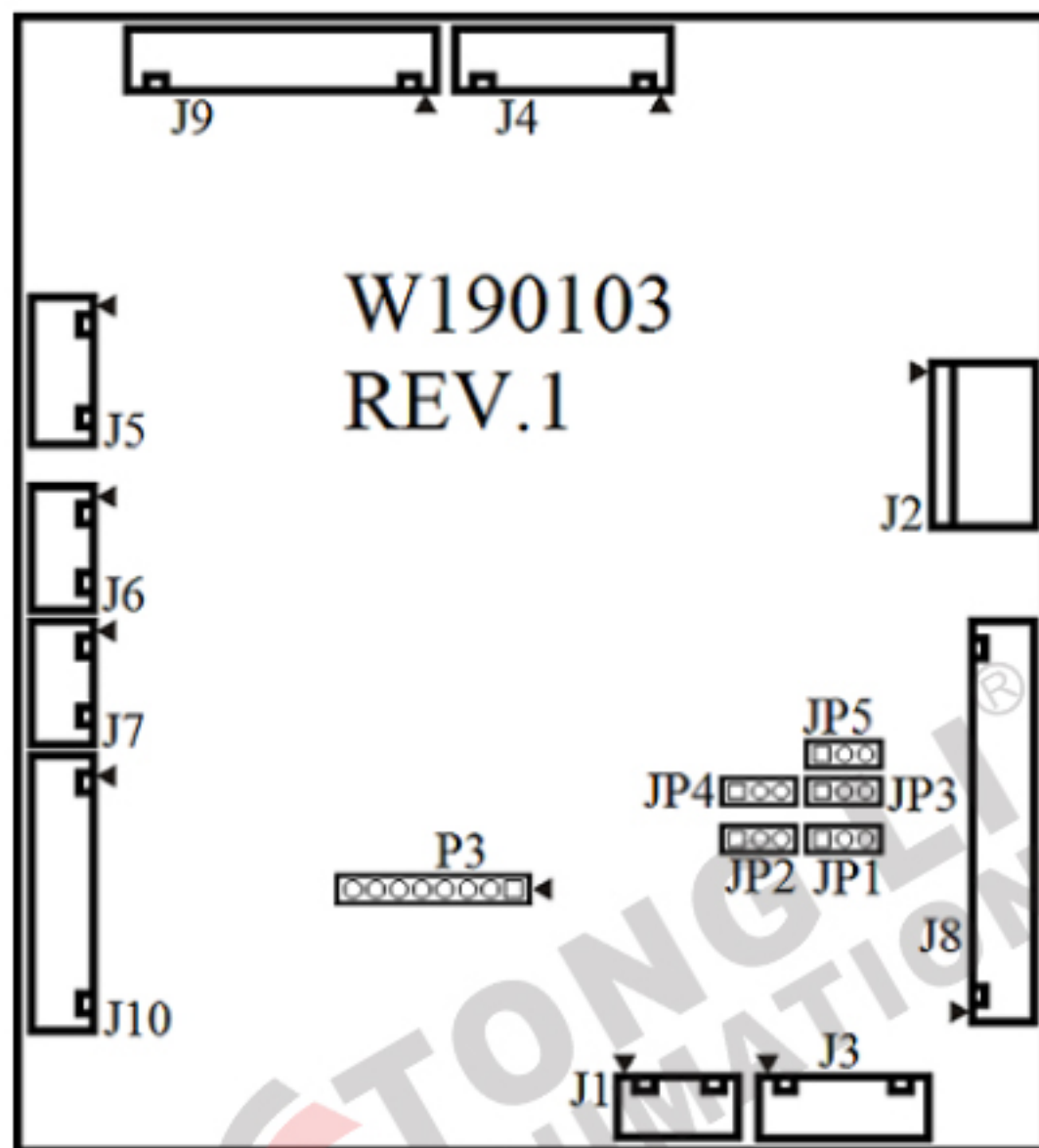
Status of Ball Gate: show the status of ball- Open, Close and No Signal

Start: Press Start to startup ball gate motor (pressing once is just moving a little bit, keep pressing Start button to move continually.)



Chapter 4 Wiring Diagrams

1. Main Board W190103 I/O Board



J4 2.5mm 8Pin Ball gate			
1	Motor +	Gate Motor	Gate SW
2	Motor -		
3	GND		
4	GND		
5	UP_SEN	Upper STOP SW	
6	DN_SEN	Lower stop SW	
7	12V		
8	12V		

J5 2.5mm 5Pin Meter			
1	IM1	Meter 1 (coin 1)	
2	IM2	Meter 2 (coin 2)	
3	MI3	Meter 3	
4	MI4	Meter 4	
5	+12V	Meter 12V	

J2 3.96mm 4Pin Power			
1	VM	Gate Motor	Power Supply P2040
2	EGND	power	
3	12V	I/O board power	
4	GND		

J1 2.5mm Blue 4Pin USB cable			
1	USB 5V	Red	USB cable (Type-A) To Main board
2	UD-	White	
3	UD+	Green	
4	GND	Black	

J6 2.5mm 4Pin RGB light			
1	B1	Connect to W170407 12 RGB LED driver board	
2	R1		
3	G1		
4	12V		

J7 2.5mm 4Pin RGB light		
1	B2	Connect to W170407 12 RGB LED driver board
2	R2	
3	G2	
4	12V	

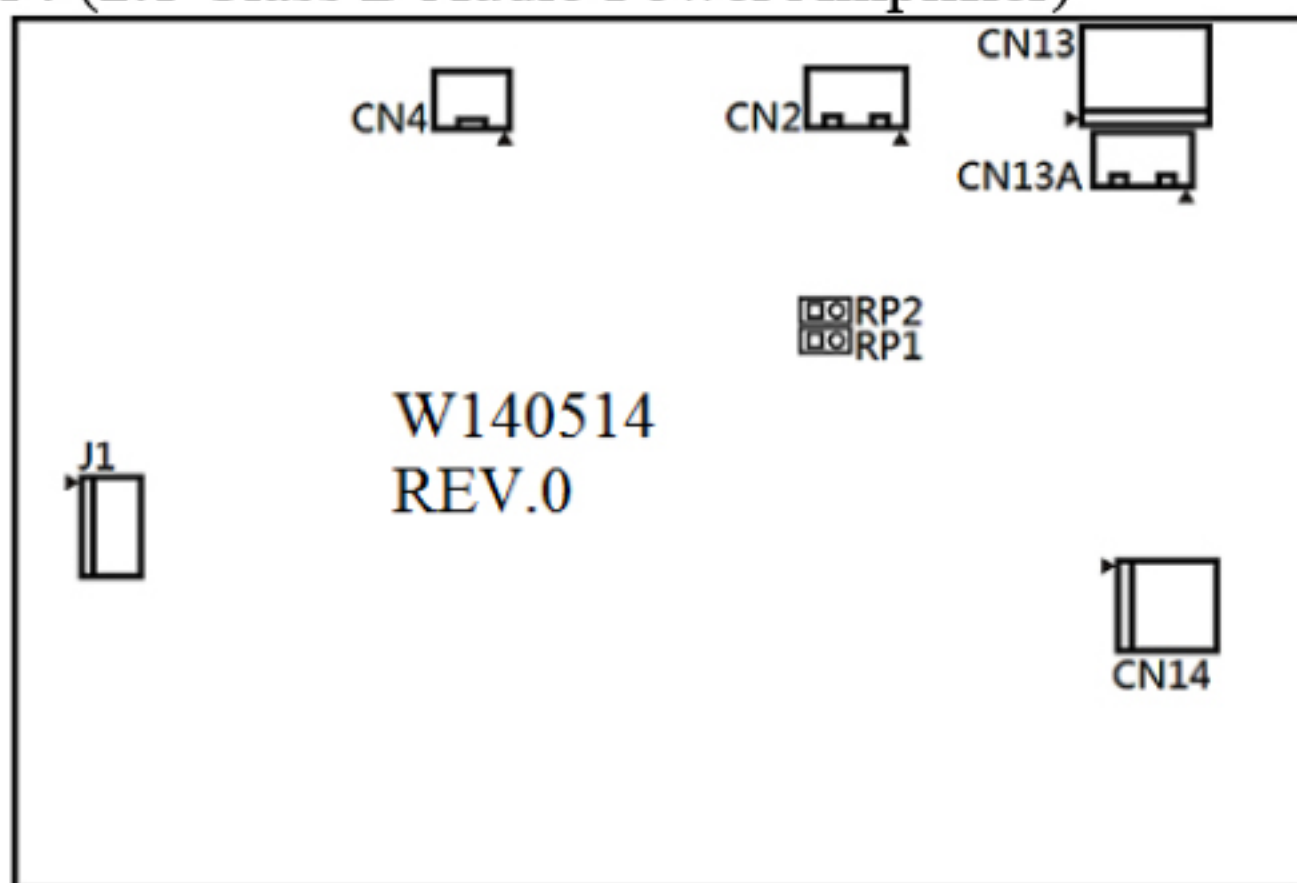
J8 2.5mm 16Pin		
1	12V	Coin 1
2	POWC1 +	
3	COIN1 SW	
4	Inhibit 1 -	
5	GND	Coin 2 or Note reader
6	12V	
7	POWC2 +	
8	COIN2 SW	
9	Inhibit 2 -	Start Button
10	GND	
11	SW	
12	SSR	
13	12V	Start Button
14	Start light button	
15	Start Button	
16	GND	

J3 2.5mm 6Pin		
1	K4	Reserved
2	K3	
3	K2	
4	K1	
5	GND	
6	GND	

J9 2.5mm 12Pin Input		
1	IN1	Reserved
2	IN2	
3	IN3	
4	IN4	
5	IN5	
6	IN6	
7	IN7	
8	IN8	
9	IN9	
10	IN10	
11	GND	
12	GND	

J10 2.5mm 10Pin Output		
1	LAMP1	Reserved
2	LAMP2	
3	LAMP3	
4	LAMP4	
5	LAMP5	
6	LAMP6	
7	LAMP7	
8	LAMP8	
9	12V	
10	12V	

2. W140514 (2.1 Class D Audio Power Amplifier)



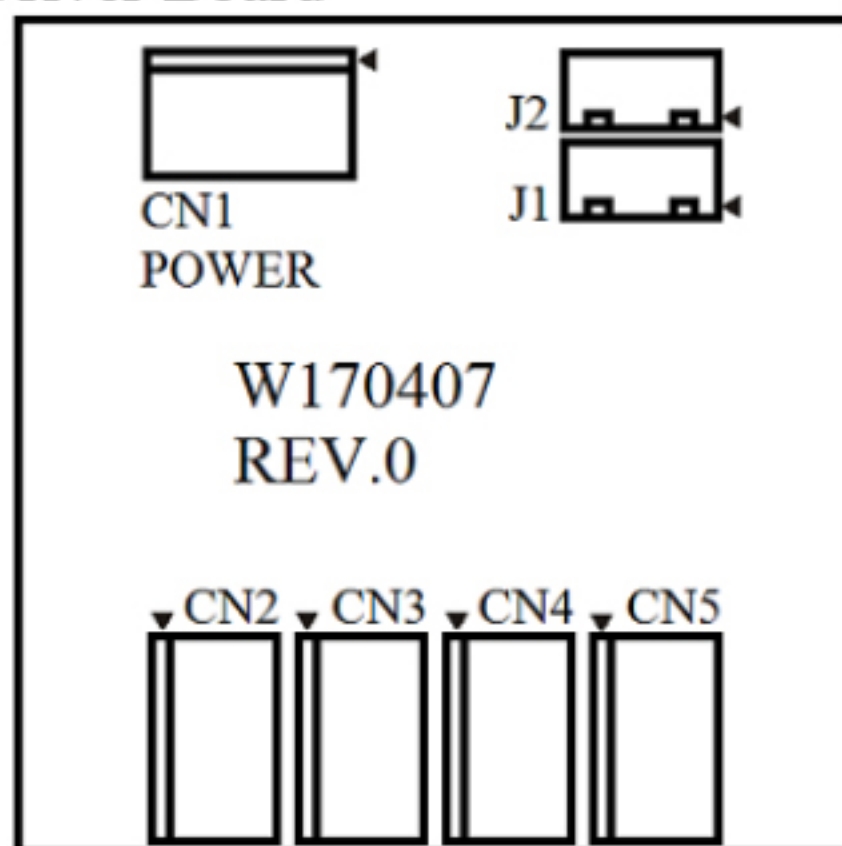
J1 2.54mm Sound Input			
1	GND		cable 3.5mm
2	R-IN		
3	L-IN		
4	GND		

CN2 2.5mm Stereo speaker			
1	SP1 (L)	L speaker +	30W 4Ω speaker
2	SP2 (R)	R speaker +	
3	GND	Speaker COM	
		-	

CN4 2.5mm Bass speaker			
1	SP3 -	Bass speaker -	30W 8Ω speaker
2	SP3 +	Bass speaker+	

CN14 3.96mm 2PIN DC Power			
1	+V	+24V	Power cant over 26V
2	GND	GND	

3. W170407 RGB Driver Board

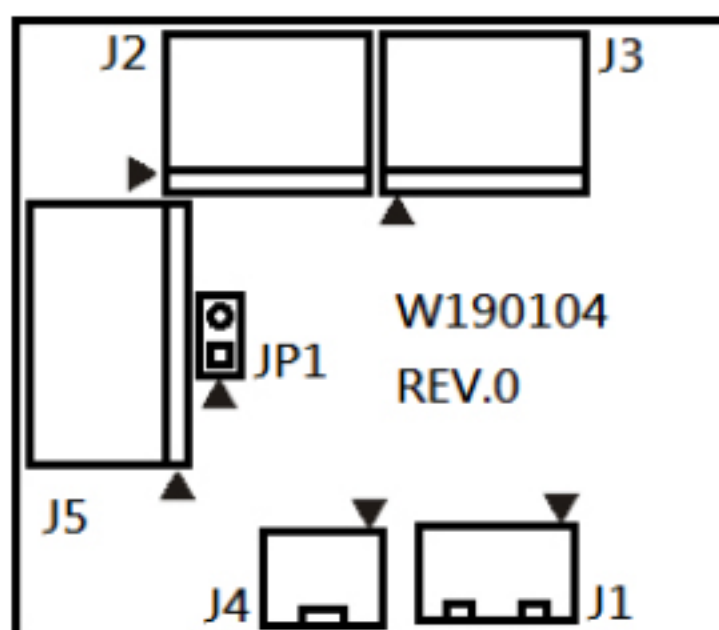


J1 J2 (2.5mm) Signal Input		
1	B	
2	R	
3	G	
4	+12V	

CN1 (3.96mm) Power Input		
1	GND	
2	GND	
3	+12V	
4	+12V	

CN2 CN3 CN4 CN5 (3.96mm) signal Output		
1	B	Light B (Blue)
2	R	Light R (Red)
3	G	Light G (Green)
4	+12V	Light 12V

4. W190104 Signal Amplifier



J2 (3.96mm) Output signal connect RGB light bar

1	+12V	
2	signal	
3	GND	

J1(2.5mm) signal Input

1	+12V	
2	signal	
3	GND	

J3 (3.96mm) Output signal connect RGB light bar

1	+12V	
2	signal	
3	GND	

J5 (3.96mm) Power Input

1	+12V	
2	+12V	
3	GND	
4	GND	

Dear Customers:

Thanks for your purchasing from Tong Li! We will constantly improve our quality and service, and provide you better quality, high-efficiency, professional products and after-sales service. For protect your legitimate rights and interests, please read this manual detail, and knowing our service content, if the products and accessories were broken without according to this manual, we will not responsible for warranty, and only provide products and accessories for value.

1. Guarantee term.

Guarantee period of crane machines electronic components is 12 months from the purchasing.
(Base on the PI date.).

2. The situation without guarantee.

After you purchase this product, if the machines were broken by below reasons, we can not provide guarantee according to this term, and will provide you service for value.

- (1) The whole machine or the parts is over the guarantee period.
- (2) LCD monitor surface is scuffing, weeping, fracture by human error.
- (3) User breached this manual, install, keeping and use wrongly causes to broken.
- (4) Fixing by person without our company authentication, user fixed (Wrong operation, scuffing, knock mark by human error, water-dampness, supply improper voltage.) causing to broken.
- (5) No purchase and guarantee voucher.
- (6) Guarantee and purchase voucher are modified by human.
- (7) The model and number are not match with matter.
- (8) The machine broken due to using the accessories without our authentication
- (9) The machine broken due to natural disaster (earthquake, fire).

3. Service type.

- (1) Once the products are broken down, please notice to us at once.
- (2) Products breakdown maintenance, please must send the unserviceable component to us, and provide the related purchasing voucher.

4. Reminder

- (1) The accessories during the fixing are belong to our company.
- (2) The service for value is containing cost of labor and fixing material.

5. Service and support.

- (1) Please review our website www.tonglianimation.com to get the latest information.
- (2) Technical support and after-service tel: 86-20-23885899



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