

The Three Stooges



OPERATOR'S MANUAL STANDARD VERSION

(rev. 10-22-14)



coastal
coastal amusements inc.



CONTENTS

▲ SAFETY NOTICE	1
1 Safety Notice	1
2 Transportation and Moving	1
3 Power Notice	1
4 Order In Power On	1
5 Order In Power Off	1
● COMPONENT	2
1 List of Components	2
■ ABOUT THE MACHINE	3
1 Specification	3
2 Dimension	3
◆ GAME INTRODUCTION	4
1 How To Play	4
2 System Setting	5
3 How to clear SCORE, COIN and TICKET record	6
4 How to test the coil	6
5 Figure Mechanism	7
6 DIP SWITCH SETTING	8
◆ WIRING DIAGRAM	11
1 Diagram Of Main Board	11
2 Electronic Meter Diagram	13
3 SYSTEM WIRING DIAGRAM	14
◆ TROUBLESHOOTING	15
1 Error Code	15
★ ENCLOSURE	16
1 Warranty	16

▲ SAFETY NOTICE



1 Safety Notice

- a. Please read all “Warranty” information carefully.
- b. Please read all “Maintenance” information carefully.
- c. Please check and maintain the game regularly, DO NOT use any synthetic or abrasive detergents to clean the machine.
- d. Do not operate in places where the ground is sloping or uneven.
- e. Avoid placing the game in direct sunlight to avoid damage to internal parts.
- f. Avoid placing the game in high dust, high humidity or high temperature environment.
- g. Game is meant for indoor use only. Do not operate outdoors.
- h. Do not place water or any beverages on the game.
- i. Do not climb or stand on the game at any time, to avoid a threat to personal safety.
- j. The Company is not responsible for casualties caused by inappropriate behavior and dangerous acts.
- k. This game is not for unsupervised children and/or persons with reduced physical, sensory or mental capabilities.
- l. Do not use game near bathtubs, showers, basins or other vessels containing water.
- m. After use, this game should be cleaned to avoid accumulation of residues.
- n. Children should be supervised at all times when playing the game.
- o. If the electrical supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- p. Do not use any other apparatus to play the game other than the mallet provided.

2 Transportation and Moving

- a. Before moving the game, disconnect from the main power source.
- b. Turn off the power before disconnecting from main power source; inappropriate handling may cause damage and void the Warranty.

3 Power Notice

- c. Before connecting the power, verify the correct voltage at correct. 110V, 220V or 240V.
- d. Do Not touch the electrical plug with damp hands to avoid electric shock.
- e. When installing the game, ensure there is a smooth footing to avoid a hazard.

4 Order In Power On

Plug in game and turn on the power.


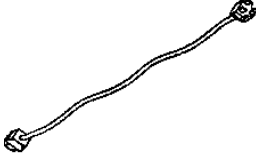
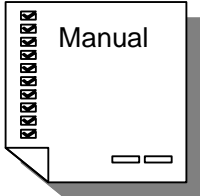
5 Order In Power Off

Turn off the power and unplug the game

 Wait for 10 seconds to reboot

● COMPONENT

1 List of Components

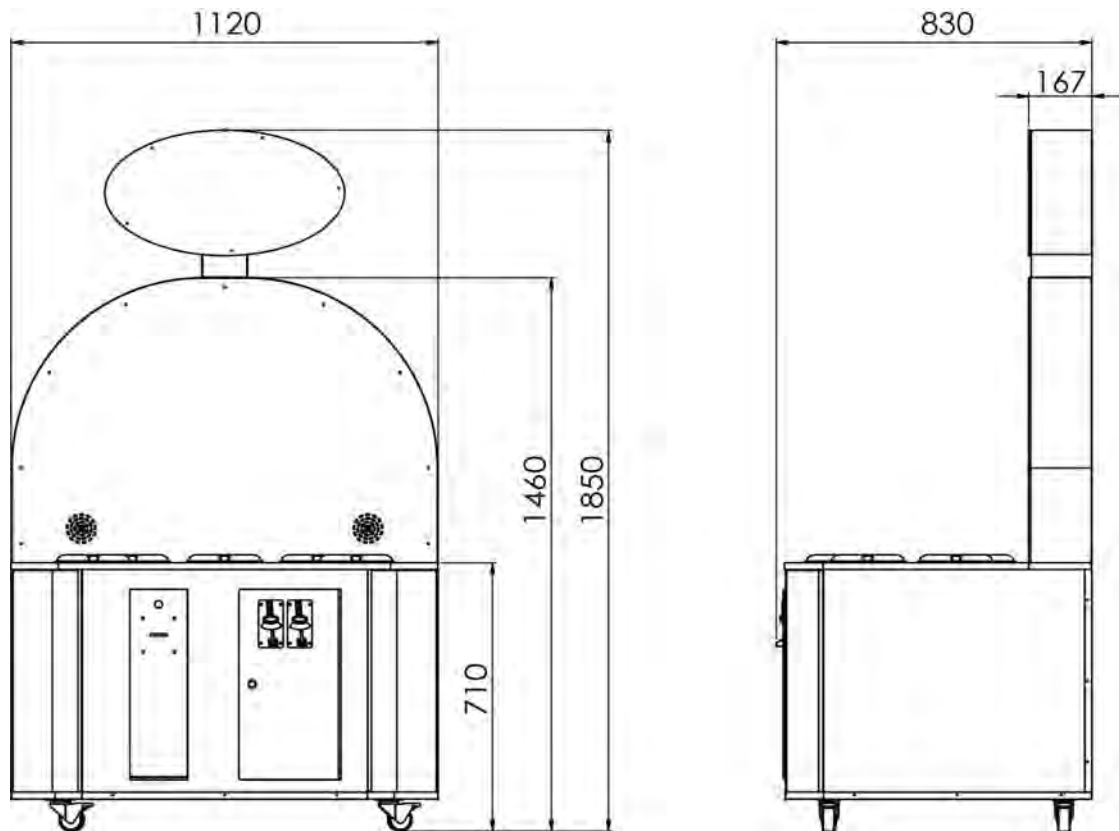
ITEM	DESCRIPTION	PICTURE
a. KEY	QT'Y : 2	
b. Power line	QT'Y : 1	
c. Manual	QT'Y : 1 pc	

■ ABOUT THE MACHINE

1 Specification

a. Voltage & Frequency	Voltage : 100V · 110V · 220V · 240V (Refer to Specification Label) Frequency : 50 / 60HZ
b. Dimension	(W) 44" (1120mm) x (D) 33" (830mm) x (H) 73" (1850mm)
c. User	1 person
d. Environment	Weather Protected Environment
e. Temperature	0°C~40°C
f. Humidity	10%~70%
g. Power Consumption	Maximum : 660W

2 Dimension



GAME INTRODUCTION

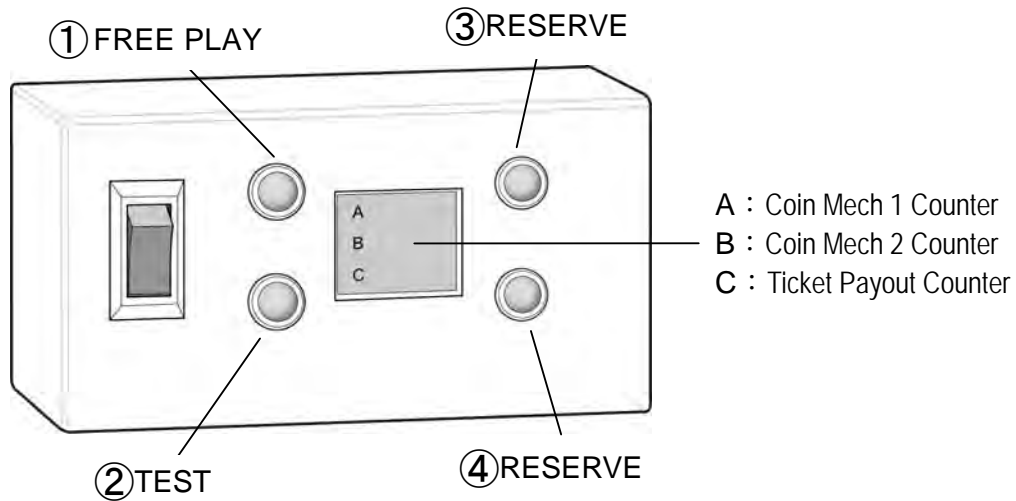
1 How To Play

a. Game Instruction :

- (1) Hit 'The Stooges' as they appear to score points. Sound effects will be played as the figures are hit or missed.
- (2) RGB LED lights surrounding each figure will light to signal a hit or miss.
- (3) Figures will appear at random and the game speed will increase during play to challenge the player.
- (4) The game provides 2 stages of play. Reach a pre-set score to advance to the next stage.
- (5) Game time and Score are adjustable. See below for details.

2 System Setting

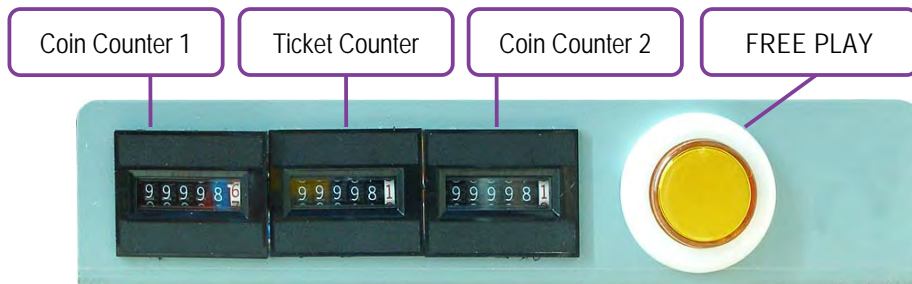
➤ Electronic Counter



Free play button : Counter not active when 'Free Play' button is pressed.

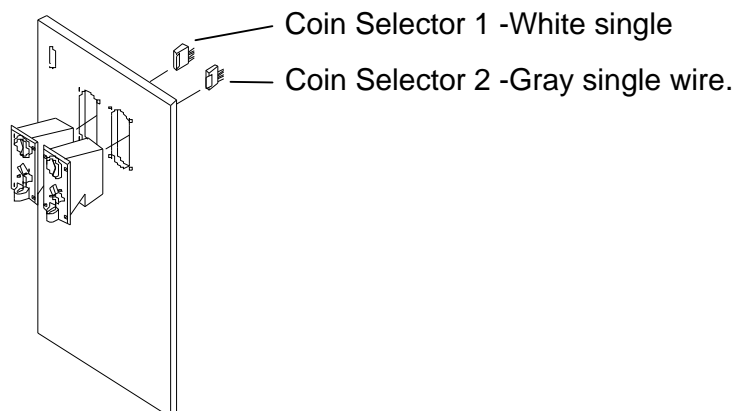
Test button : For testing the figure heads & hit sensor.

➤ Mechanical counters and FREE PLAY button



※TEST button: The micro switch installed on coin box

➤ Coin Selector



3 How to clear SCORE, COIN and TICKET record

- (1) Press the TEST button while turning on the power to the game. Release the button when the display shows “222”. The display will then show “001” for reset item 1.
- (2) Press TEST button to reset and you will hear an alarm sound once.
- (3) Press FREE PLAY button to enter next item.

Reset items list:

[001] : Score for last game

[002] : Coin memory

[003] : Ticket memory

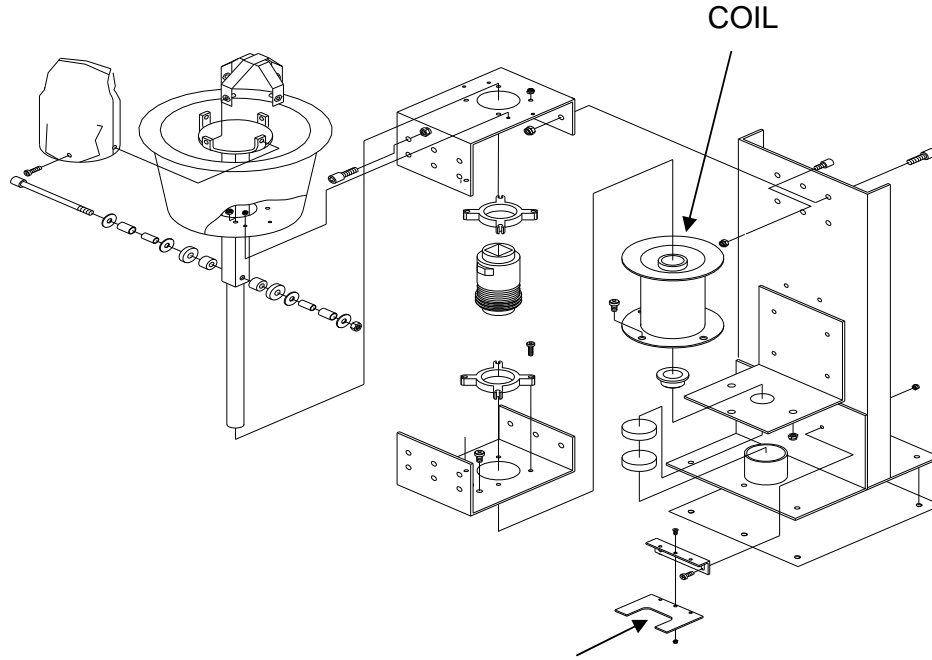
- (4) Reboot the game after reset

4 How to test the coil

In stand-by mode, press TEST button to test coil.

- (1) All coils will be off for initial test. If any coil (figure) rises or the sensor is on, an alarm will sound with correspondent error code. Cause may be sensor or coil malfunction.
- (2) Then the figures will rise in turn for testing of all figures and sensors. If any one of the figures fail to rise or the sensors fail, an alarm will sound and with the correspondent error code.

5 Figure Mechanism



SENSOR : Obstruct->MCU induct the signal in LO

- (1) Pressing down or pulling up of the figure(s) will be not cause a breakdown.
- (2) Malfunction of 1 or 2 of the figures will not affect the others.
- (3) Test progress: Test button on the counter base.
Press "TEST" button to test each doll; check the "Elimination of Malfunction" if there is a malfunction.
- (4) The Coil is equipped with temperature protection to prevent overheating.

6 DIP SWITCH SETTING

DIP SW 1

1=ON 0=OFF

FUNCTION / DIP		1	2	3	4	5	6	7	8
COIN 1	1 COIN 1 CREDIT	0	0						
	1 COIN 2 CREDITS	1	0						
	1 COIN 4 CREDITS	0	1						
	1 COIN 5 CREDITS	1	1						
COIN 2	1 COIN 1 CREDIT			0	0				
	1 COIN 2 CREDITS			1	0				
	1 COIN 4 CREDITS			0	1				
	1 COIN 5 CREDITS			1	1				
CREDIT(S) PER PLAY	1 CREDIT					0	0		
	2 CREDITS					1	0		
	3 CREDITS					0	1		
	4 CREDITS					1	1		
MAXIMUM TICKET PAYOUT	UNLIMITED							0	
	20 TICKET							1	
ATTRACT MUSIC	Y								0
	N								1

REMARK : YOU MUST REBOOT THE GAME IF THE DIP SW SETTING ARE CHANGED

DIP SW 2

1=ON 0=OFF

FUNCTION / DIP		1	2	3	4	5	6	7	8
TICKET PAYOUT	5 POINT 1 TICKET	0	0	0					
	10 POINT 1 TICKET	1	0	0					
	20 POINT 1 TICKET	0	1	0					
	30 POINT 1 TICKET	1	1	0					
	40 POINT 1 TICKET	0	0	1					
	50 POINT 1 TICKET	1	0	1					
	60 POINT 1 TICKET	0	1	1					
	70 POINT 1 TICKET	1	1	1					
MERCY TICKET	0 TICKET				0				
	1 TICKET				1				
ATTRACT MUSIC TIME INTERVAL	1 MINUTE					0	0	0	
	2 MINUTE					1	0	0	
	3 MINUTE					0	1	0	
	4 MINUTE					1	1	0	
	5 MINUTE					0	0	1	
	6 MINUTE					1	0	1	
	8 MINUTE					0	1	1	
	10 SECOND					1	1	1	
TICKET PAYOUT	N								0
	Y								1

REMARK : YU MUST REBOOT THE GAME IF THE DIP SW SETTING CHANGED

DIP SW 3

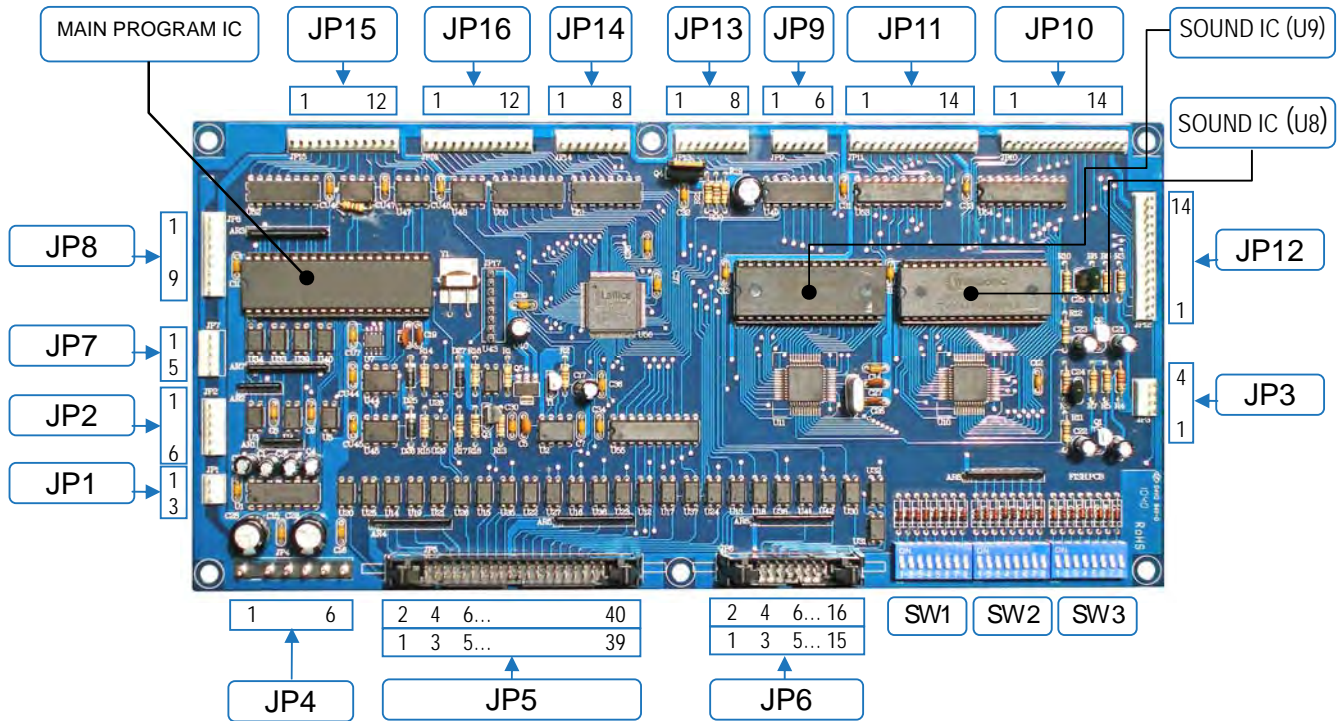
1=ON 0=OFF

FUNCTION / DIP		1	2	3	4	5	6	7	8
GAME TIME FOR STAGE 1	30 SECOND	0	0						
	40 SECOND	1	0						
	50 SECOND	0	1						
	60 SECOND	1	1						
GAME TIME FOR STAGE 2	10 SECOND			0	0				
	20 SECOND			1	0				
	30 SECOND			0	1				
	40 SECOND			1	1				
PASS SCORE FOR STAGE 1	40					0	0		
	50					1	0		
	60					0	1		
	80					1	1		
AUTO RUN	N								0
	Y								1

REMARK : YOU MUST REBOOT THE MACHINE IF THE DIP SW SETTING CHANGED

◆ WIRING DIAGRAM

1 Diagram Of Main Board



JP1	JP2 (Coin Selector)	JP3 (Sound Out Put)	JP4 (Power Input)
NO USE	1. (Yellow)Coin Selector 1 V+ 2. (White) Coin Selector 1 Input 3. (Black)Coin Selector 1 GND 4. (Yellow)Coin Selector 2 V+ 5. (Grey)Coin Selector 1 Input 6. (Black)Coin Selector 1 GND	1. (White)Out Put 2. No Use 3. GND 4. GND	1. (Yellow)+12V 2. (Yellow).+12V 3. (Black)GND 4. (Black)GND 5. (Red)+5V 6. (Red)+5V
JP5 (HITTING DETECTOR)			
1.(Brown) Figure Sensor 1 3.(Grey) Figure Sensor 6 5.No Use 7.No Use 9.(Orange) Figure Sensor 2 11.No Use 13.No Use 15.No Use 17.(Green) Figure Sensor 3 19.No Use	21.No Use 23.No Use 25.(Blue) Figure Sensor 4 27.No Use 29.No Use 31.No Use 33.(Purple) Figure Sensor 5 35.No Use 37.No Use 39.No Use	2.(Yellow)+12V 4.(Yellow)+12V 6.(Yellow)+12V 8.(Yellow)+12V 10.(Yellow)+12V 12.(Yellow)+12V 14.+12V 16.+12V 18.+12V 20.+12V	22.(Black)GND 24.(Black)GND 26.(Black)GND 28.(Black)GND 30.(Black)GND 32.(Black)GND 34.GND 36.GND 38.GND 40.GND

JP6 (NO USE)		JP7 (Ticket Dispenser)	JP8 (In/Out Counter)
1.No Use 3.No Use 5.No Use 7.No Use 9.No Use 11.NC 13.NC 15.+12V	2.GND 4.GND 6.GND 8.GND 10.+12V 12.+12V 14.+12V 16.+12V	1. Ticket Dispenser (Tecway) 2. (Blue)Ticket Detector 3. Ticket Dispenser (Yenox)(White) 4. GND(Black) 5. +12V(Red)	1. (Black)Free Play GND 2. (Brown)Free Play 3. (Black)Test SW GND 4. (Green)Test SW 5. GND 6. (Yellow)+12V 7. (Blue)In Counter1 8. (Purple)In Counter 9. (Grey)Out Counter
JP9(Demo Light 2)	JP10(Score Display)	JP11(Time Display)	JP12 (RECORD)
1. +12V(Yellow) 2. Demo Light-Middle Right(Purple) 3. Demo Light-Down Right (Grey) 4. No Use (IN) 5. No Use (IN) 6. GND(Black)	1. (Black)light D0 2. (Brown)light D1 3. (Red)lightD2 4. (Orange)light D3 5. (Yellow)light D4 6. (Green)light D5 7. (Blue)light D6 8. (Black)light D7 9. (Brown)units digit driver 10. (Red)tens digit driver 11. (Orange)hundreds' digit 12. (Yellow)VCC 13. (Green)+12V 14. (Blue)GND	1. (Black)light D0 2. (Brown)light D1 3. (Red)lightD2 4. (Orange)light D3 5. (Yellow)light D4 6. (Green)light D5 7. (Blue)light D6 8. (Black)light D7 9. (Brown)units digit driver 10. (Red)tens digit driver 11. (Orange)hundreds' digit 12. (Yellow)VCC 13. (Green)+12V 14. (Blue)GND	1. (Black)light D0 2. (Brown)light D1 3. (Red)lightD2 4. (Orange)light D3 5. (Yellow)light D4 6. (Green)light D5 7. (Blue)light D6 8. (Black)light D7 9. (Brown)units digit driver 10. (Red)tens digit driver 11. (Orange)hundreds' digit 12. (Yellow)VCC 13. (Green)+12V 14. (Blue)GND
JP13 (Demo Light 1)	JP14 (Head Driver)	JP15 (Cover LED 1)	JP16 (Cover LED 2)
1. (Yellow)+12V 2. (Yellow)+12V 3. (Brown) Demo Light-Up Left 4. (Orange) Demo Light-Middle Left 5. (Green) Demo Light-Down Left 6. (Blue) Demo Light-Up Right 7. GND 8. GND	1. (Brown) Figure Enable 1 2. (Orange) Figure Enable 2 3. (Green) Figure Enable 3 4. (Blue) Figure Enable 4 5. (Purple) Figure Enable 5 6. (Grey) Figure Enable 6 7. (Yellow)+12V 8. (Yellow)+12V	1. (Yellow)+12V 2. (Yellow)+12V 3. (White in Red)Cover LED Back Right_R 4. (White in Green) Cover LED Back Right_G 5. (White in Blue) Cover LED Back Right_B 6. (White in Red) Cover LED Back Middle_R 7. (White in Green) Cover LED Back Middle_G 8. (White in Blue) Cover LED Back Middle_B 9. (White in Red) Cover LED Back Left_R 10. (White in Green) Cover LED Back Left_G 11. (White in Blue) Cover LED Back Left_B 12. 12.NO USE	1. (White in Red) Cover LED Front Left_R 2. (White in Green) Cover LED Front Left_G 3. (White in Blue) Cover LED Front Left_B 4. (White in Red) Cover LED Front Middle_R 5. (White in Green) Cover LED Front Middle_G 6. (White in Blue) Cover LED Front Middle_B 7. (White in Red) Cover LED Front Right_R 8. (White in Green) Cover LED Front Right_G 9. (White in Blue) Cover LED Front Right_B 10. NO USE 11. (Yellow)+12V 12. (Yellow)+12V

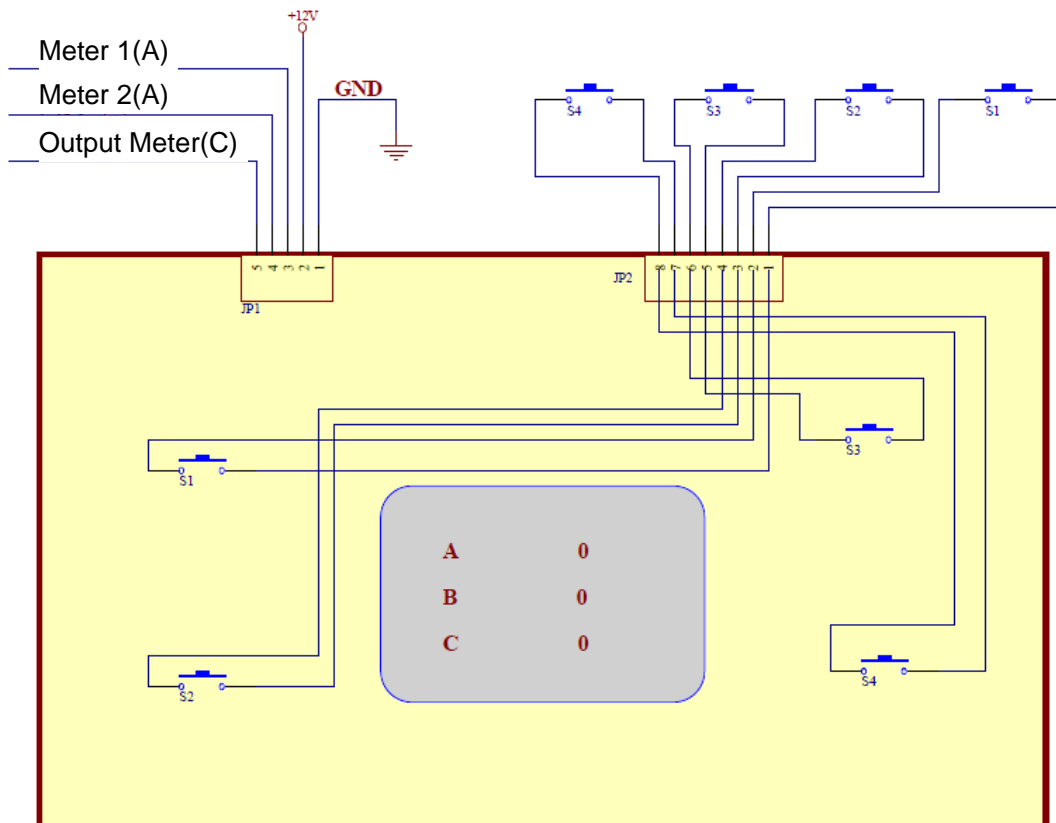
2 Electronic Meter Diagram

Button S1 : FREE PLAY Button

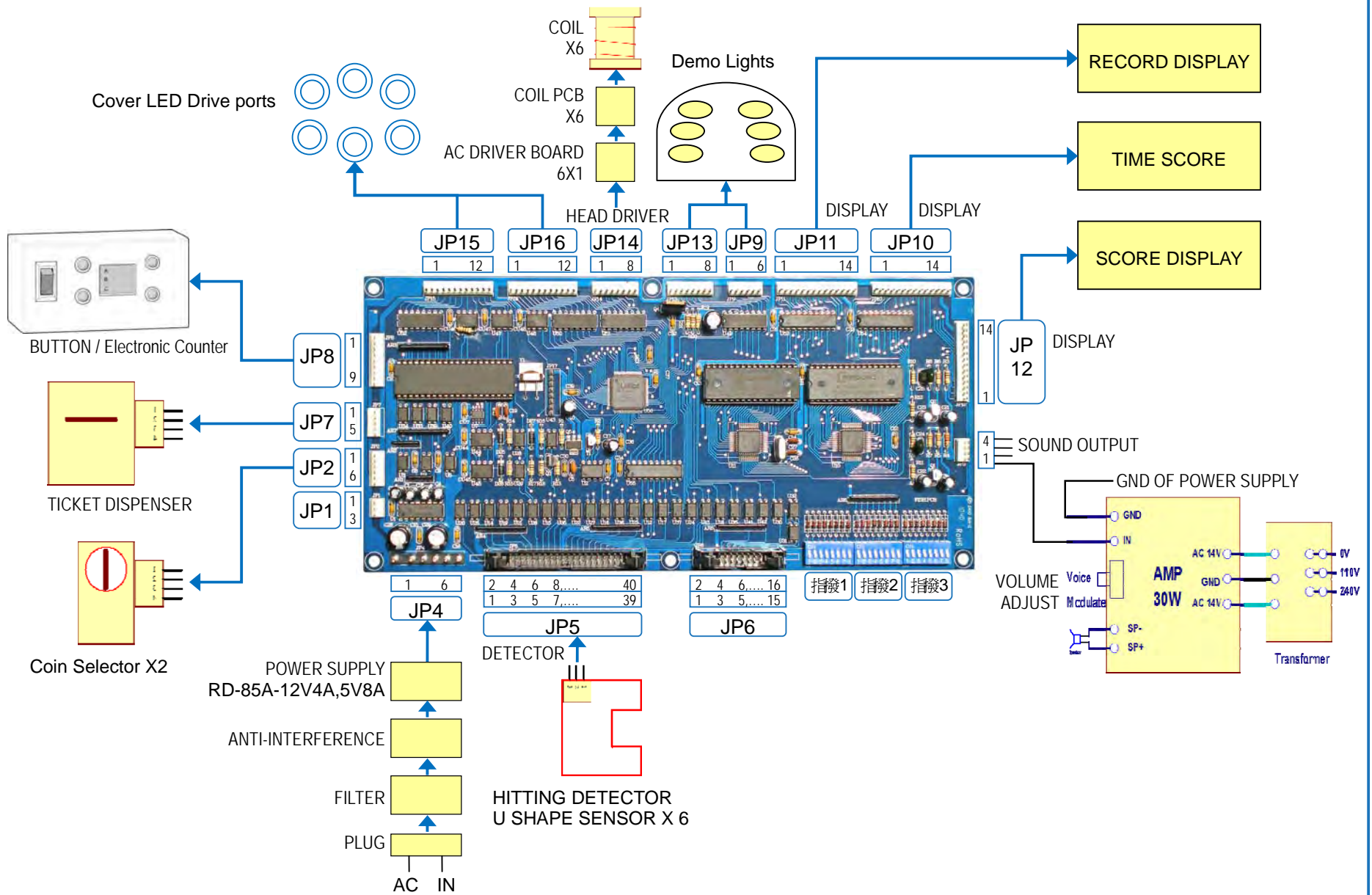
Button S2 : TEST Button

Button S3 : NO USE

Button S4 : NO USE



3 SYSTEM WIRING DIAGRAM



◆ TROUBLESHOOTING

1 Error Code

NO.	ERROR ITEM	SOLUTION
01	Coin Meter 1	(1)Check wire. (2)Replace the Meter.
02	Coin Meter 2	(1)Check wire. (2)Replace the Meter.
03	Ticket Meter	(1)Check wire. (2)Replace the Meter.
04	Coin Selector 1	(1)Check wire. (2)Replace the selector.
05	Coin Selector 2	(1)Check wire. (2)Replace the selector.
06	Memory Card	Replace PCB.
07	Ticket Machine	Check and replenish the token.
08		
09		
10		
11	Coil Set No.1 Error	(1)Check set No.1 and sensor. (2)Replace the sensor.
12	Coil Set No.2 Error	(1)Check set No.2 and sensor. (2)Replace the sensor.
13	Coil Set No.3 Error	(1)Check set No.3 and sensor. (2)Replace the sensor.
14	Coil Set No.4 Error	(1)Check set No.4 and sensor. (2)Replace the sensor.
15	Coil Set No.5 Error	(1)Check set No.5 and sensor. (2)Replace the sensor.
16	Coil Set No.6 Error	(1)Check set No.6 and sensor. (2)Replace the sensor.
17		
18		
19		
20		
21	Structure1 UP SPEED Unusual	(1)check function of structure1 (2)check coil over heat or aging
22	Structure2 UP SPEED Unusual	(1)check function of structure2 (2)check coil over heat or aging
23	Structure3 UP SPEED Unusual	(1)check function of structure3 (2)check coil over heat or aging
24	Structure4 UP SPEED Unusual	(1)check function of structure4 (2)check coil over heat or aging
25	Structure5 UP SPEED Unusual	(1)check function of structure5 (2)check coil over heat or aging

★ ENCLOSURE

1 Warranty

- a. Please be prepared to provide the following information when placing a warranty request :
 - (1) The game type or product number.
 - (2) Serial Number of Game or Commercial Invoice of Sale.
 - (3) A Detailed Description of the Fault Symptoms.

- b. This product is warranted as follows :
 - (1) Main PCB and Computer: 6 months from date of shipment.
 - (2) Major Mechanism and Kit: 6 months from date of shipment.
 - (3) All other components: 6 months from date of shipment.
(i.e. ticket dispenser, coin selector, LCD, transformer, etc.)
 - (4) All 'wear' items: 90 days from date of shipment.

- c. Please note :
 - (1) The warranty is not transferable and applies only to original purchaser.

 - (2) These statements do not contain any warranty due to improper installation, accidents, natural disasters, abuse, misuse, inadequate or excessive volts power supply, improper operation, poor environmental conditions and any unauthorized disassembly, repair, or product damage caused by any changes to original factory specifications.

 - (3) The warranty statement does not apply if factory serial label has been modified, altered or remove from product.