

# PLUTUS ROULETTE

## 、 INTRODUCTION

- 1、 One zero (0) European style roulette game. Max /Min limit for each bet positions on the numerical table are announced from the chip window on screen, which is adjustable from the SETUP pages. Max bet 500 credits for every single position. Each bet covers a different set of numbers and has a different distribution.
- 2、 Player may use Touch panel and/or buttons to play. Press [UP], [DOWN], [LEFT], and [RIGHT] to move the pointer, first highlight the desired position, then press [SELECT] to chose chip amount then [Bet] to place bets. Use [Cancel One], [Cancel All] to remove last or all chips from the table. The payout of all bets are listed in the [Help] page.
- 3、 **EXTRA BALL:** when the released ball's number match up with those from the extra balls window, it automatically launch another ball to increase your chance of winning! Maximum launch up to 5 extra balls !
- 4、 Each prize only pays once.
- 5、 MONITOR: 31.5Khz (VGA) or computer monitor.
- 6、 Buttons, touch panel, PS/2 Keyboard and PS/2 Mouse are available operation interfaces. Operating controls are method selectable by PCB DIPSW3-1 and DIPSW3-2.
- 7、 If operation interface is set to touch-panel, please setup touch-panel as followed:
  - a、 Power down.
  - b、 Connect the cable of Touch-Panel to P.C. Board.
  - c、 Please set the PCB DIPSW 3-4 to ON. And then power up.
  - d、 Touch the red points at the four corners on screen. System would then enter the Touch-Panel testing mode.
  - e、 Touch arbitrary position on screen in touch-panel testing mode. If the red point does not appear at the place where you

touch, please retry the setup procedure from step a, otherwise go to the next step.

- f、 Press “OK” button on screen to save setup data.
  - g、 Power down.
  - h、 Please set the PCB DIPSW 3-4 to OFF.
  - i、 Setup procedure is O.K., and you can play this game by Touch-Panel.
- This game and P.C. board are well tested with the Micro Touch touch screen with Serial/SMT3 controller and ELO.
  - MicroTouch is a trademark of 3M Company, and Serial/SMT3 is one of the controllers of 3M Company.

## 、 P.C. BOARD DIP SWITCH SETTINGS

DIP SW3		1	2	3	4
OPERATION INTERFACE	BUTTONS & PS/2 KEYBOARD	OFF	OFF		
	TOUCH ONLY	ON	OFF		
	PS/2 MOUSE ONLY	OFF	ON		
	BUTTONS & TOUCH & PS/2 KEYBOARD	ON	ON		
DOOR OPEN	DISABLE			OFF	
	ENABLE			ON	
TOUCH PANEL SETUP	NO				OFF
	YES				ON

## SYSTEM SETUP

- **TEST/SETUP**
- Press TEST/SETUP button and then power up to SCREEN TEST. Press TEST/SETUP button to next step I/O, METER, LAMP and PCB DIPSW3 TEST. Then power off to exit.
- Press TEST/SETUP button when power is ON to enter TEST/SETUP screen:

TEST/SETUP	
UP	SCREEN TEST
DOWN	I/O TEST
LEFT	VOLUME ADJUST
RIGHT	GAME SETUP
SELECT	TIME SETUP
START	EXIT

- Press [UP]--- SCREEN TEST: Press [START] to exit.
- Press [DOWN]---I/O TEST: Press [RECORD] and [TEST/SETUP] button simultaneously to exit.
- Press [LEFT]---VOLUME ADJUST: Press [RIGHT] button to save the changes and press [START] button to exit.
- Press [RIGHT]---GAME SETUP:

GAME SETUP		BET	RELOAD DEFAULT	
1 MAINGAME RATE	97	90.91.92.93.94.95.96.97.98.99.		
2 COIN A(BILLA) RATE	1	1.2.4.5.10.20.25.50.75.100.150.200.250.300.400 500.800.1000.2000.2500.3000.4000.5000		
3 COIN B(BILLB) RATE	1	1.2.4.5.10.20.25.50.75.100.150.200.250.300.400 500.800.1000.2000.2500.3000.4000.5000		
4 COIN C(BILLC) RATE	10	1.2.4.5.10.20.25.50.75.100.150.200.250.300.400 500.800.1000.2000.2500.3000.4000.5000		
5 KEYIN RATE	100	1.2.4.5.10.20.25.50.75.100.150.200.250.300.400 500.800.1000.2000.2500.3000.4000.5000		
6 KEYOUT RATE	100	1.2.4.5.10.20.25.50.75.100.150.200.250.300.400 500.800.1000.2000.2500.3000.4000.5000		
7 KEYOUT OVER	ZERO	ZERO.REST.		
8 SYSTEM LIMIT	500X MAX EACH BET	100.200.300.400.500.1000.UNLIMITED.		
9 PAYOUT LIMIT	100	50.100.200.250.300.400.500.1000.2000.3000.UNLIMITED.		
10 CREDIT-IN LIMIT	1000	1000.5000.10000.20000.30000.40000.50000.UNLIMITED.		
11 PAYOUT RATE FOLLOW	COIN A	COIN A.COIN B.COIN C.		
12 BET METER CLICK	1	1.2.4.5.10.20.25.50.75.100.150.200.250.300.400 500.1000		
13 WIN METER CLICK	1	1.2.4.5.10.20.25.50.75.100.150.200.250.300.400 500.1000		
14 METER SPEED	4 TIME/SEC	1.2.4.5.6.8.10.12.15.16.18.20.25.30.40.50		
15 IN/OUT METER RATE	STANDARD	1,10,100,STANDARD		
16 DEMO MUSIC	ENABLE	ENABLE. DISABLE.		
17 COLLECT MODE	AUTO COLLECT	AUTO COLLECT. AUTO PAYOUT.		
18 COLLECT SPEED	NORMAL	NORMAL.QUICKLY. MOVE		
19 MAXIMUM EACH BET	10	10.20.50.100.200.500		
20 MINIMUM EACH BET	1	1.10.50.100.		
21 LANGUAGE	ENGLISH	ENGLISH. SPANISH		
	UP	MOVE UP	LEFT	ADJUST +
	DOWN	MOVE DOWN	RIGHT	ADJUST -
	SELECT	SAVE	START	EXIT

- Press [SELECT] to save the changes and [START] button to exit.
- Press [SELECT]---TIME SETUP: Press [RIGHT] button to save the changes and Press [START] to exit.

## IV、RECORD

- Press [RECORD] button when power is ON to enter RECORD screen:

	<b>RECORD</b>
<input type="button" value="UP"/>	<b>CURRENT</b>
<input type="button" value="DOWN"/>	<b>RECORD 1</b>
<input type="button" value="LEFT"/>	<b>RECORD 2</b>
<input type="button" value="RIGHT"/>	<b>RECORD 3</b>
<input type="button" value="SELECT"/>	<b>LAST 5 PLAYS</b>
<input type="button" value="START"/>	<b>EXIT</b>

- Press [UP] to enter the CURRENT Records:

<b>CURRENT RECORD</b>		<input type="button" value="UP"/>	CLEAR
ITEM	CURRENT	LAST	
COIN A(BILL A)	0	0	
COIN B(BILL B)	0	0	
COIN C(BILL C)	0	0	
PAYOUT	0	0	
KEYIN	0	0	
KEYOUT	0	0	
CREDIT IN	0	0	
CREDIT OUT	0	0	
TIME	2005-07-02 00:00:00	200-07-01 00:00:00	
		<input type="button" value="START"/>	EXIT

- Press [DOWN] button to RECORD1 or SATRT to exit:

VERSION : V000	POWER ON : 00	DOOR OPEN : 000
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<b>RECORD 1</b>	
ITEM	TOTAL
COIN A(BILL A)	0
COIN B(BILL B)	0
COIN C(BILL C)	0
PAYOUT	0
KEYIN	0
KEYOUT	0
CREDIT IN	0
CREDIT OUT	0
TIME	2005-07-02 00:00:00

<b>MAIN GAME</b>	
PLAY	0
WIN	0
GAME RATE	0%
PLAY TIMES	0
WIN TIMES	0
HIT RATE	0%
EXTRA WIN	0
EXTRA TIMES	0

EXIT

- Press [LEFT] button to RECORD2:

<b>RECORD 2</b>		
ITEM	TIMES	WIN
STRAIGHT UP	00000	0000000
SPLIT	00000	0000000
STREET	00000	0000000
3 NUMBERS	00000	0000000
CORNER	00000	0000000
TOP LINE	00000	0000000
SIX LINES	00000	0000000
COLUMN	00000	0000000
DOZEN	00000	0000000
1~18/ 19~36	00000	0000000
EVEN/ODD	00000	0000000
RED/BLACK	00000	0000000

EXIT

- Press [RIGHT] button to RECORD 3:

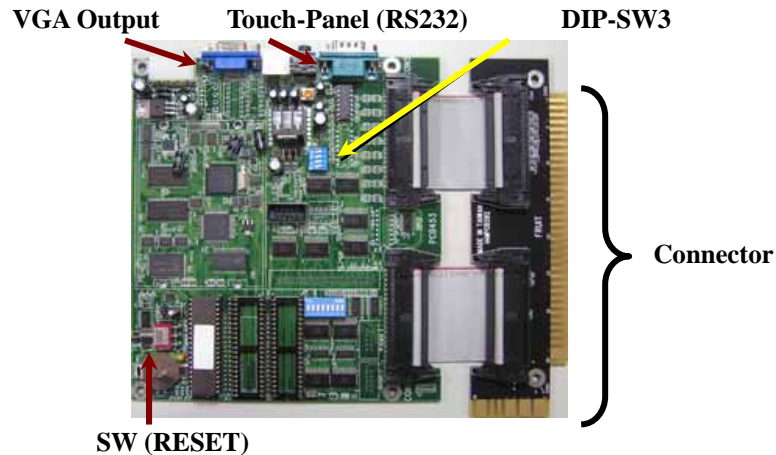
## BALL

0	0	13	0	25	0
1	0	14	0	26	0
2	0	15	0	27	0
3	0	16	0	28	0
4	0	17	0	29	0
5	0	18	0	30	0
6	0	19	0	31	0
7	0	20	0	32	0
8	0	21	0	33	0
9	0	22	0	34	0
10	0	23	0	35	0
11	0	24	0	36	0
12	0				

**START** EXIT

- Press [SELECT] to check the Last 5 Plays, [NEXT] to go forward, and [EXIT] to return to the main page.

## V、 P.C. B MAP:



- Reset SW:** Switch it when power is OFF to clear record. The game setup data will NOT be clear by RESET SW.

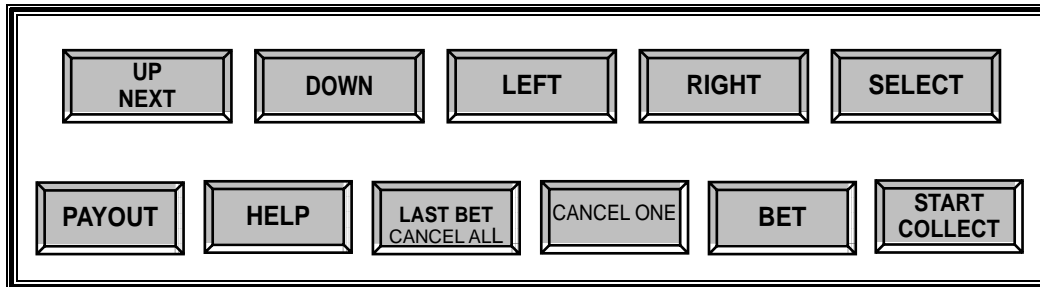
## VI、 WIRE MAP AND CONTROL PANEL

- Wire map:

COMPONENT SIDE A	36 PIN	SOLDER SIDE B
	1	
	2	
SPEAKER	3	<b>SPEAKER GND</b>
UP/NEXT	4	
DOWN	5	
LEFT	6	
RIGHT	7	
SELECT	8	
START/COLLECT/EXIT	9	
CANCEL ONE	10	
BET	11	
HELP	12	
LAST BET/ CANCEL ALL	13	
ATTENDANT	14	
RESET ERROR	15	
SELECT	16	
DOOR OPEN	17	
COIN A (BILL A)	18	KEYIN
COIN B-BILL B	19	COIN C-BILL C
RECORD	20	TEST/SETUP
PAYOUT	21	KEYOUT
GND	22	HOPPER SW
COIN A METER	23	
KEYIN METER	24	BET METER
COIN B METER	25	WIN METER
COIN C METER	26	PAYOUT LAMP
PAYOUT METER	27	
KEYOUT METER	28	BET LAMP
UP LAMP	29	START/COLLECT LAMP
DOWN LAMP	30	CANCEL ONE LAMP)
LEFT LAMP	31	LASTBET/ CANCEL ALL LAMP
RIGHT LAMP	32	
SELECT LAMP	33	HELP LAMP
ATTENDANT LAMP	34	JACKPOT LAMP
<b>GND</b>	35	<b>GND</b>
<b>GND</b>	36	<b>GND</b>

COMPONENT SIDE A	10 PIN	SOLDER SIDE B
GND	1	GND
GND	2	GND
+ 5V	3	+ 5V
+ 5V	4	+ 5V
+ 12V	5	+ 12V
	6	
HOPPER SSR	7	
	8	
GND	9	GND
GND	10	GND

□ Control panel



□ PS/2 MOUSE: DIPSW3

DIPSW3-1	DIPSW3-2	DIPSW3-3	DIPSW3-4
OFF	ON	OFF	OFF

□ PS/2 Keyboard (Numerical pad):

Num Lock	/	* ODDS	- CANCEL ONE
7	8 UP/ NEXT	9	+ LAST BET/ CANCELL ALL
4 LEFT	5	6 RIGHT	Enter START/ COLLECT
1	2 DOWN	3	
0 BET		SELECT	