



Display mode : XVGA

BORDEN



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INTRODUCTION

1.TABLE CHIPS

Players can deal with the different denominations of table chips for betting.



2.WINBET

Players can place the last time winning credits as a winbet the outside bets area.



3.BETTING AREAS

Three betting categories – inside bets, outside bets, combination bets.





INSIDE BETS

An Inside bet is based upon betting on any of the numbers within the roulette table (from 0 to 36).

Straight up bet (Single Number bet):

a bet on a single number

35:1 payout

17:1 payout

Split bet:

a bet on two adjacent numbers, placed on the line between the 2 numbers. Also can be made between 0 and 1, 0 and 2, or 0 and 3.



Street bet 11:1 payout (a Three on a Row/Three Number bet): a bet on any three numbers in a row on the roulette table



Corner 8:1 payout (Square bet / Four Number bet): a bet on a block of four numbers on the roulette

table



Four Number bet:

8:1 payout a bet on four numbers, comprising 0, 1, 2 and 3 on the roulette table



Line bet 5:1 payout (Six Number bet/Double street bet):

a bet on a group of six numbers on the roulette table, which covers two rows of three numbers.





OUTSIDE BETS

An Outside bet is when you choose one of the betting options from outside area of the roulette table – i.e. red, black, 1st 12, EVEN, ODD.

Dozen bet: 2:1 payout

a bet on a group of 12 numbers, placed on the 1st 12 box (numbers 1-12), 2nd 12 box (number 13-24), or 3rd 12 box (number 25-36).



Column bet: 2:1 payout

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



Low/High Number bet: 1:1 payout

a bet on all low numbers, placed on the low box (number 1-18) / a bet on all high numbers, placed on the high box (number 19-36).



Even/Odd bet: 1:1 payout

a bet on all even numbers or all odd numbers, placed on the even box (all even numbers) or the odd box (all odd numbers).



Red/Black bet: 1:1 payout

a bet on all red numbers (1, 3, 5, 7, 9, 12, 14, 16, 18, 19, 21, 23, 25, 27, 30, 32, 34, 36) or on all black numbers (2, 4, 6, 8, 10, 11, 13, 15, 17, 20, 22, 24, 26, 28, 29, 31, 33, 35).

Tst12			2112			31412		
1to 18	EVEN	4)	<)>	ODD	19to36	



COMBINATION BETS

To press "CALLBETS" button to approach the Combination Bets Area, and it will provide five combinations of betting.



Voisins du Zero (Neighbors of Zero)

Chips	Spaces			
2	0 ~ 2 ~ 3 (Corner)			
1	4 ~ 7 (Split)			
1	12 ~ 15 (Split)			
1	18 ~ 21 (Split)			
1	18 ~ 22 (Split)			
2	25 \ 26 \ 28 \ 29 (Corner)			
1	32 ~ 35 (Split)			



Zero (Jeu Zero bet)

Chips	Spaces			
1	0 ~ 3 (Split)			
1	12 ~ 15 (Split)			
1	26 (Single)			
1	32 ~ 35 (Split)			

Tier (The Third)

Chips	Spaces			
1	5 . 8 (Split)			
1	10 ~ 11 (Split)			
1	13 ~ 16 (Split)			
1	23 ~ 24 (Split)			
1	27 ~ 30 (Split)			
1	33 ~ 36 (Split)			

Orphelins (Orphans)

Chips	Spaces				
1	1 (Single)				
1	6 ~ 9 (Split)				
1	<mark>14 ~ 17 (Split)</mark>				
1	17 ~ 20 (Split)				
1	31 ~ 34 (Split)				

Neighbor

In the Combination Bets Area, to press one number and it will be backed along with the 2 numbers on either side of it in a 5 piece bet.



4.SPIN

After placing bets, to press "SPIN" button or to wait for a second until result comes.

5.BET TIMER

After pressing "SPIN" button, the Bet Timer will count down. Players will have six seconds to place more bets or remove bets until system announces no more bets.

6.UNDO / REDO / CLEAN / REPEAT/ DOUBLE

If you want to undo your most recent action, press the UNDO button. To press REDO button to redo the previous bet. Press the CLEAR button If you want to clear the board of all your chips and place your bets again.

Repeat your previous bet(s) by pressing the REPEAT button, and the game will set up your chips to match your previous bet. Please note that all winning stakes automatically stay on the table. Once you have pressed repeat the button will change to DOUBLE, which will double the stakes of all the chips on the table.





ERROR MESSAGE REMOVAL

Please remove the advised messages by following direction:

Messages	Way to Remove the Message
CREDIT LIMIT	REBOOT AND MODIFY THE CREDIT LIMIT RANGE OR PRESS KEYOUT BUTTON .
TICKET EMPTY	PLEASE RESET COMPUTER TO REBOOT AND CLEAR THE ERROR MESSAGE.
HOPPER EMPTY	PLEASE RESET COMPUTER TO REBOOT AND CLEAR THE ERROR MESSAGE.
CCTALK- HOPPER1 ERROR	PLEASE RESET COMPUTER TO REBOOT AND CLEAR THE ERROR MESSAGE.
CCTALK- HOPPER2 ERROR	PLEASE RESET COMPUTER TO REBOOT AND CLEAR THE ERROR MESSAGE.

[©] Before pressing KEYOUT button to clear the error message, please remember to record the original credit first.

TEST/SET UP

Press [SETUP] button when power is ON to enter TEST/SETUP screen. Please enter the owner password to access this page.

SETUP

- 1.LAST EVENT RECORD
- 2.IN/OUT SETUP
- 3.FUNCTION SETUP
- 4.PASSWORD SETUP
- **5.RELOAD DEFAULT**
- **6.EVENT RECORD**
- 7.TEST
- **8.CLEAR ALL EVENTS & STATISTICS**

[CALL BETS]: UP [UNDO]: DOWN [SPIN]: ENTER [HELP]: EXIT



1.LAST EVENT RECORD

THE LAST TIME TO ...

RELOAD DEFAULT
CHANGE IN/OUT SETUP
CHANGE PAYOUT RATE
CHANGE FUNCTION SETUP
OPEN FRONT DOOR
OPEN REAR DOOR
POWER ON

CLEAR THE LAST STATISTICS RECORDS
CLEAR THE STATISTICS RECORDS

TIME SETUP

【HELP】: EXIT

*2.IN / OUT SET

COIN

COIN RATE: 1000 > 500 > 200 > 100 > 50 > 20 > 10 > 5 > 2 > 1 > OFF

KEY IN

NOTE RATE: 10000 - 5000 - 2000 - 1000 - 500 - 200 - 100 - 50 - 20 - 10 - 5 - 2 - 1 - OFF

KEY OUT

10000 · 5000 · 2000 · 1000 · 500 · 200 · 100 · 50 · 20 · 10 · 5 · 2 · 1 · OFF

PAY OUT

10000 \cdot 5000 \cdot 2000 \cdot 1000 \cdot 500 \cdot 200 \cdot 100 \cdot 50 \cdot 20 \cdot 10 \cdot 5 \cdot 2 \cdot 1 \cdot OFF

BILL

10000 · 5000 · 2000 · 1000 · 500 · 200 · 100 · 50 · 20 · 10 · 5 · 2 · 1 · OFF

BILL INHIBIT

HIGHT ~ LOW

PAYOUT OPTION

PAY OUT OPTION: TICKET DISPENSOR . HOPPER

TOTAL IN METER ADJUSTMENT

1000 - 500 - 100 - 10 - 5 - 1

TOTAL OUT METER ADJUSTMENT

1000 - 500 - 100 - 10 - 5 - 1

[CALL BETS]: UP [UNDO]: DOWN [REDO]: + [CLEAN]: - [SPIN]: EXIT

- **★**TO ENTER THE PAGE. A PASSWORD IS REQUIRED.
- © INCORRECT PASSWORD FOR THREE TIMES CONSTANTLY, PLEASE WAIT FOR 30 MINUTES TO ENTER ANOTHER PASSWORD.



3.FUNCTION SETUP

WIN BET LIMIT

20000 - 15000 - 12000 - 10000 - 9000 - 8000 - 7000 - 6000 - 5000 - 4000 - 3000 - 2000 - OFF

WIN BET

ON · OFF

CREDIT LIMIT

1000000 \ 800000 \ 600000 \ 500000 \ 300000 \ 200000 \ 100000 \ 50000 \ OFF

ROUND TIME

90 - 80 - 70 - 60 - 50 - 40 - 30 - 20 - 10 - OFF / SEC

TIME SETUP

2000 ~ 2099 / 1 ~ 2 / 1 ~ 30 / 0 ~ 23 : 1 ~ 59

VOLUME ADJUSTMENT

0~31

GAME RATE

90% ~ 100%

MINIMUM BET /Only on the Red/Black, Odd/Even and High/Low betting area. OFF > 0.5 > 1 > 5 > 10 > 50 > 100 > 500

STRAIGHT UP MAXBET

500 - 300 - 200 - 100 - 50

	MAXBET		MAXBET
STRAIGHT UP BET	500 - 300 - 200 - 100 - 50	DOZEN BET	3500 \ 2100 \ 1400 \ 700 \ 350
SPLIT BET	1000 - 600 - 400 - 200 - 100	COLUMN BET	3500 - 2100 - 1400 - 700 - 350
STREET BET	1800 - 900 - 600 - 300 - 150	RED/BLACK BET	4000 - 2400 - 1600 - 800 - 400
CORNER	2000 - 1200 - 800 - 400 - 200	EVEN/ODD BET	4000 - 2400 - 1600 - 800 - 400
FIVE NUMBER BET	2000 - 1200 - 800 - 400 - 200	LOW/HIGH NUMBER BET	4000 - 2400 - 1600 - 800 - 400
LINE BET	3000 - 1800 - 1200 - 600 - 300		

[CALL BETS]: UP [UNDO]: DOWN [REPEAT]: LEFT [SPIN]: RIGHT [REDO]: + [CLEAN]: - [SPIN]: EXIT

- **★**TO ENTER THE PAGE, A PASSWORD IS REQUIRED.
- © INCORRECT PASSWORD FOR THREE TIMES CONSTANTLY, PLEASE RESET COMPUTER TO ENTER LOGIN PASSWORD AGAIN.



4.PASSWORD SETUP

OWNER PASSWORD: ON/OFF

(On setup page, to use owner's login password or not.)

CHANGE THE OWNER PASSWORD

(On default page, to use employee's login password or not.)

EMPLOYEE PASSWORD:ON/OFF

CHANGE THE EMPLOYEE PASSWORD

DEFAULT OWNER PASSWORD:0000

DEFAULT EMPLOYEE PASSWORD:1111

[CALL BETS]: UP [UNDO]: DOWN [SPIN]: ENTER [HELP]: EXIT

5.RELOAD DEFAVLT

IF YOU WANT RELOAD THE DEFAULT, PLEASE PRESS 5 SECONDS.



FOR

【HELP】: EXIT

6.EVENT RECORD

SYSTEM EVENT RECORD IN/OUT METER EVENT RECORD

WIN EVENT RECORD

[CALL BETS]: LAST PAGE [UNDO]: NEXT PAGE [HELP]: EXIT

7.TEST

BUTTON TEST

PRESS TO CHECK
IF EACH BUTTON IS
ON AND MARK

PAYOUT HELP CALLBETS

CALLBETS UNDO KEYIN CLEAN

PEPEAT/DOUBLE SPIN SETUP

DOOR OPEN

KEYOUT

TOUCH CALIBRATION

RECORD REDO

【HELP】: EXIT

SOUND TEST

SOUND TRACK 1

SOUND TRACK 2

SOUND TRACK 3

SOUND TRACK 4

[CALL BETS]: LAST PAGE [UNDO]: NEXT PAGE [HELP]: EXIT



8.CASH IN/OUT DEVICE TEST

GENERAL		
IN		
COIN ACCEPTOR		
BILL ACCEPTOR		
KEY IN		
KEY OUT		
OUT		
HOPPER TE	ST	
PRINTER TE	ST	

CCTALK	
IN	
COIN ACCEPTOR 0.5 €	
COIN ACCEPTOR 1.0 €	
COIN ACCEPTOR 2.0 €	
OUT	
HOPPER1	TEST
HOPPER2	TEST

[CALL BETS]: LAST PAGE [UNDO]: NEXT PAGE [HELP]: EXIT

Functional Testing of Touch-screen Panel

- 1.To press [TOUCH SCREEN CALIBRATE SWITCH] button for 3 seconds.
- 2.To press the four corner circles precisely.(The more precise you press the four corners, the more accurate it will be.)
- 3.To press [HELP] button to move off.



STATISTICS

Press the [RECORD] button when the power is ON to enter RECORD screen. Please enter the employee password to access this page.

ESTADÍSTICA 1 ESTADÍSTICA TOTAL ESTADÍSTICA TOTAL ESTADÍSTICA ACTUAL OPERA DOTAL GARANCIA NUMERO BILITE NÚMERO PAGOS POR LAYE PAGOS

CALL BETS (LAST PAGE) UNDO (NEXT PAGE)

CLEAN (CLEAN THE LAST STATISTICS) HELP (EXIT)

STATISTICS 2

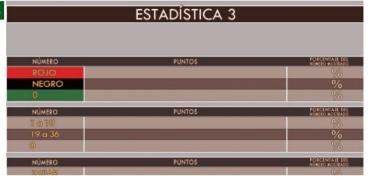
		ESTADÍ	STICA 2		
NÚMERO	PUNTOS	PORCENTAJE	NÚMERO	PUNTOS	PORCENTAJE DEL NUMERO MOSTRADO
0		%	19		%
1			20		%
2		%	21		%
3		%	22		%
4		%	23		%
5		%	24		%
6		%	25		%
7		%	26		- %
8		%	27		%
9		%	28		%
10		% %	30		90
12		%	31		%o
13		%	32		9/0
14		%	33		0%
15		%	34		0/0
16		%	3.5		0/6
17		%	36		% % % % % % % % % % % % % % % % % % %
18		%	ÚLTIMA PÁG CALL BET		SALIR AYUDAR

CALL BETS (LAST PAGE) UNDO (NEXT PAGE) HELP (EXIT)



STATISTICS

STATISTICS 3



CALL BETS (LAST PAGE) UNDO (NEXT PAGE) HELP (EXIT)



WIRING DIAGRAM

COMPONENT SIDE	36PIN	SOLDER SIDE
GND	1	GND
AUDIO OUT L(+)	2	SPEAKER (-)
AUDIO OUT R(+)	3	SPEAKER (-)
[CALL BETS] SWITCH	4	SI LAKLIK (-)
[UNDO] SWITCH	5	
[REDO] SWITCH	6	
[CLEAN] SWITCH	7	
HOPPER FULL SENSOR	8	
[SPIN] SWITCH	9	
[REPEAT] SWITCH	10	
TOUCH SCREEN CALIBRATE SWITCH	11	
TOOGIT COREEN OREISTORIE OWITOIT	12	
[HELP] SWITCH	13	
[HZZI] GWITGH	14	
	15	
BACK DOOR SWITH	16	
FRONT DOOR SWITCH	17	REMOTE CONTROL
COIN IN SWITCH	18	KEY IN SWITCH
	19	BILL ACCEPTER
ACCOUNT SWITCH	20	SET UP SWITCH
[PAY OUT] SWITCH	21	KEY OUT SWITCH
	22	HOPPER SWITCH
	23	BILL INHIBIT
	24	DIVERT
TOTAL OUT	25	ERROR LAMP
TOTAL IN	26	TOTAL IN COUNTER
	27	
	28	
[SPIN] LAMP	29	[CALL BETS] LAMP
[REPEAT] LAMP	30	[UNDO] LAMP
[PAY OUT] LAMP	31	[REDO] LAMP
	32	[CLEAN] LAMP
[HELP] LAMP	33	
HOPPER SSR	34	
N.C.	35	N.C.
GND	36	GND



WIRING DIAGRAM

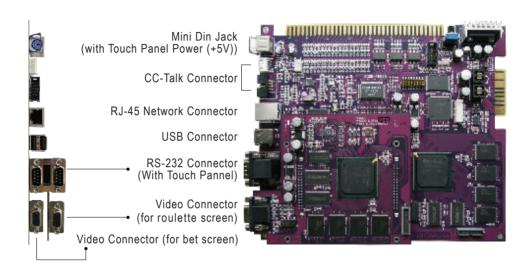
COMPONENT SIDE	10PIN	SOLDER SIDE
GND	1	GND
GND	2	GND
+5V	3	+5V
+5V	4	+5V
+12V	5	+12V
+24V for CC-TALK POWER	6	+24V for CC-TALK POWER
HOPPER SSR	7	HOPPER SSR
N.C.	8	N.C
GND	9	GND
GND	10	GND

CONTROL PANEL





PCB CONNECTOR PIN DIAGRAM

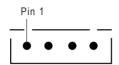


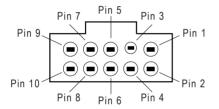
NOTE



CC-TALK CONNECTOR PIN DIAGRAM

Connector mode: male





Pin 1	+12 V
Pin 2	N.C.
Pin 3	GND
Pin 4	Date

Pin 1	Date
Pin 2	N.C.
Pin 3	N.C.
Pin 4	N.C.
Pin 5	N.C.
Pin 6	N.C.
Pin 7	+ 24 V
Pin 8	GND
Pin 9	N.C.
Pin 10	N.C.

★ N.C.: No Connection

NOTE





Display mode: XVGA Resolution: 1024X768

Formats: 4:3

Vertical Scan Freq.: 60Hz Horizontal Scan Freq.: 48kHz



Game development and manufacturing

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