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1. Hardware **Connectors Descriptions** 36-Pin Connector **DIP SW2 DIP SW1 10-Pin Connector** A RS-232 Connects to optional Citizen VGA port printer/ticket dispenser. Connects to screen * Use Belkin #F2L044 (serial

Reset

Notes:

printer cable/null modem) for

Connects to Micro Touch

compatible touch screen

C RS-232-

Citizen printer.

- 1. Printer only can be driven when connecting to the RS-232 port.
- 2. The interface board of ticket dispenser can be driven by connecting to the 7th pin on the Part Side of 10 pins (on 36 & 10 pins diagram).

+5V

+5V Power output



Connection Diagram

	36 Pir	IS	10	Pin	s
PARTS SIDE		SOLDER SIDE	PARTS SIDE		SOLDER SIDE
	1		GND	1	GND
	2		GND	2	GND
SPEAKER	3	GND	+5V	3	+5V
	4		+5V	4	+5V
	5		+12V	5	+12V
	6			6	
TICKET OUT	7		TICKET SSR	7	
TICKET SWITCH	8			8	
START/ALL STOP	9			9	
STOP4/SMALL/HELP	10		GND	10	GND
STOP5/PLAY	11				
STOP1/TAKE	12				
STOP3/DOUBLE/SELECT LINE	13				
	14				
	15				
STOP2/HOLD PAIR/BIG	16				
	17				
COIN A	18	KEY IN			
	19	COIN C			
RECORD	20	TEST			
	21	KEY OUT/PRINTER OUT			
	22				
COIN A METER	23				
KEY IN METER	24				
	25				
COIN C METER	26				
OUT METER	27				
	28				
LAMP: START/ALL STOP	29				
LAMP: STOP4/SMALL/HELP	30				
LAMP: STOP5/PLAY	31	LAMP: COUNT			
LAMP: STOP1/TAKE	32				
LAMP: STOP3/DOUBLE/SELECT LINE	33				
LAMP: STOP2/HOLD PAIR/BIG	34				
	35				
GND	36	GND			

DIP Switch Settings

DIP SWITCI	H 1	1	2	3	4	5	6	7	8
тоисн	NO	OFF							
100011	YES	ON							
	NO		OFF						
AUTO PLAY	YES		ON						
LINER SELECT	9			OFF					
LINER SELECT	25			ON					

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Note: Please reset after adjusting LINER SELECT.

36 & 10 PIN Button Layout



STOP 2 BIG (HOLD PAIR) STOP 3 DOUBLE (SELECT LINE)

STOP 4 SMALL (HELP) STOP 5 PLAY

START ALL STOP TAKE

4

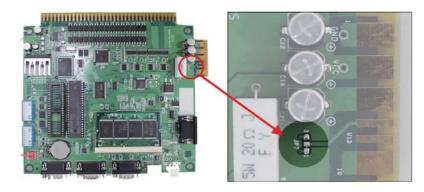


Solving Hopper SSR Error

After powering on the machine, if the hopper keeps working and can't be stopped, it could be that the hopper SSR's jump setting is incorrect.

How to solve:

1. Locate the Hopper SSR jump (JP7) on the PC board. Then identify current HOPPER SSR is at HIGH ACTIVE or LOW ACTIVE.



2. Change to use the alternative JP7 setting.

	Low Active (Default)	3	2		Short pins 1-2
JF7	High Active	<u> </u>	_2	1	Short pins 2-3

The following example shows how to change from **LOW ACTIVE** to **HIGH ACTIVE**.



Open pins 1 and 2 Remove the solder bridge between pins 1-2.

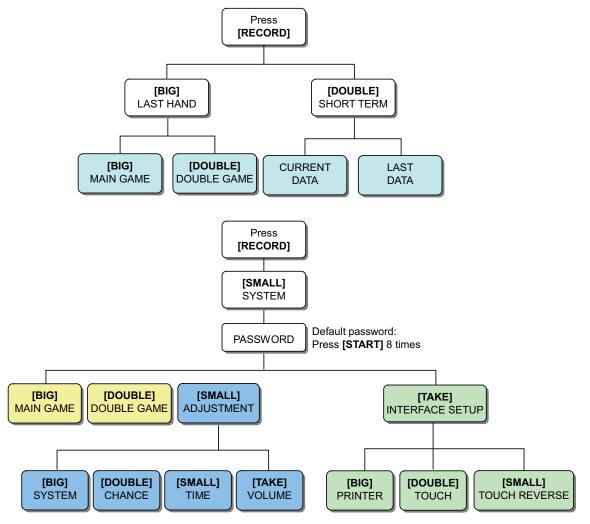


Short pins 2 and 3. Then apply solder to bridge pins 2-3.

2. Bookkeeping & Adjustment

1º X

Access Flow Chart





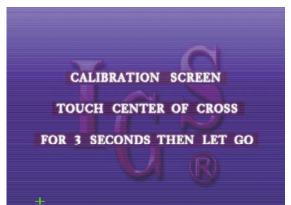
System Adjustment

ITEMS	SETTING SELECTIONS	DEFAULT
MAX. PLAY/LINE (25)	2, 4, 8, 10, 15, 20	20
MAX. PLAY/LINE (9)	5, 10, 20, 30, 40, 50	50
MIN. PLAY/TOTAL	1, 5, 7, 9, 10, 15, 20, 25	9
MIN.PLAY FOR JACKPOT	1, 3, 5, 9, 10, 15, 18, 25	9
COIN RATE		25
KEY IN RATE	1, 2, 4, 5, 10, 15, 20, 25, 30, 40, 50, 60, 75,	100
KEY OUT RATE	80, 100, 200, 250, 400,500, 1000	1
TICKET RATE		500
GAME TICKET	1, 2, 3, 4, 5, 8, 10, CONTINUOUS	CONTINUOUS
INTERFACE	DISPENSER, PRINTER, ATTENDANT	DISPENSER
PRINTER COMMAND	CBM1, ESC/POS, STAR	CBM1
SYSTEM LIMIT	NO, YES	NO
AUTO TICKET	NO, YES	NO
DEMO MUSIC	NO, YES	YES
NON STOP	NO, YES	NO
PASSWORD	NO, YES	NO
ODDS TABLE	NO, YES	YES
SCORE BOX	NO, YES, 10X	NO
PLAY SCORE	NO, YES	YES
HAND COUNT	NO, YES	NO
HOLD PAIR	NO, REGULAR, SKILL	NO
DOUBLE GAME	NO, YES	YES
JACKPOT MODE	PROGRESSIVE, RANDOM	PROGRESSIVE

Chance Adjustment

ITEMS	SETTING SELECTIONS	DEFAULT
	LEVEL 1 (easiest), LEVEL 2, LEVEL 3, LEVEL 4, LEVEL 5, LEVEL 6 (hardest)	LEVEL 6
DOUBLE GAME LEVEL	95%, 90%, 85%	95%

Touch Screen Calibration



- 1. Press **[RECORD]** and follow the on-screen prompts to enter the calibration screen.
- 2. Touch center of the cross on the screen for 3 seconds.
- 3. Follows the cross when it moves till the calibration is completed.



3. Game Introduction

Features

- 9 / 25-liner adjustable.
- Max. Win up to 500,000 (in 25-liner setting).
- 1 set of progressive Jackpot and 2 sets of random Jackpot. If 5/4/3 Jackpot Symbols are in line, players can get Jackpots 1/2/3 depending on the JP symbol.
- Higher wagers play: Win paid from left to right and right to left when matches the criteria.
- Hold Pair Feature: Select the desired Hold Symbol and Re-spin the symbols you don't want. Press Hold-Pair button to swap the Symbols.
- 5~20 free games: Free games will be triggered when correct symbols show up.
- Touch screen / Auto play support.

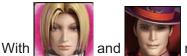
Main Game

SPY GAMES is a 15-reel & 9/25-liner game with 3 different bonus games.



Free Game





With **and and next** to each other left to right, the player gets a Free Game.

Bonus Game



Getting 3 or more bonus symbols on the screen allows player to enter the Bonus Game.

Bonus Game1



- The player chooses one of five balloons. With the winning balloon, the player will get credits.
- Choosing the wrong balloons, the player enters the credit calculating status.



Bonus Game 2



The player presses **[START]** to begin playing the game. When gaining points, the player can choose to **[TAKE]** or **[RETRY]**.

I If the game ends, the player will enter the credit calculating status directly instead of choosing to retry the game.





The player selects one of options. If the sword pierces through the box, player wins. If sword cannot pierce box, the game ends.

Double Game



After winning the Main game or Bonus game, player can press **[DOUBLE UP]** button to play Double Game.

- Player can press [DOUBLE UP] button to select one of five pokers from the lower row. Then, press [BIG] or [SMALL] to guess it's bigger or smaller than the poker highlighted.
- If it's a correct guess, the player gets double wins. If not, the game ends.

4. Wins Rules

Jackpot

JACKPOT 1	Five-in-line wins 100% OF Jackpot 1; Four-in-line wins 50% OF Jackpot 1; Three-in-line wins 25% OF Jackpot 1.
JACKPOT 2	Five-in-line wins 100% OF Jackpot 2; Four-in-line wins 50% OF Jackpot 2; Three-in-line wins 25% OF Jackpot 2.
JACKPOT 3	Five-in-line wins 100% OF Jackpot 3; Four-in-line wins 50% OF Jackpot 3; Three-in-line wins 25% OF Jackpot 3.

Encouraging Higher Play

9-Liner

JACKPOT

MIN. TOTAL PLAY	JACKPOT
9	2 X JACKPOT BASE
18	3 X JACKPOT BASE
27	4 X JACKPOT BASE
36	5 X JACKPOT BASE

Win paid from left to right and right to left

PLAY LINES	LINE PLAY	TOTAL PLAY	WIN LINES
9	2	18	1-3
9	3	27	1-6
9	4	36	1-9



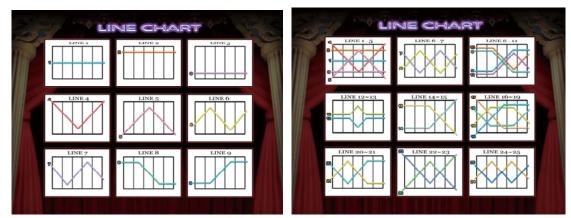
25-Liner JACKPOT

MIN. TOTAL PLAY	JACKPOT
9	JACKPOT BASE
50	2 X JACKPOT BASE

Win paid from left to right and right to left

PLAY LINES	LINE PLAY	TOTAL PLAY	WIN LINES
25	1	25	1-10
25	2	50	1-25

Line Chart



Line-up pattern: 9-liner

Line-up pattern: 25-liner





Line-up pattern: 9-liner

Line-up pattern: 25-liner

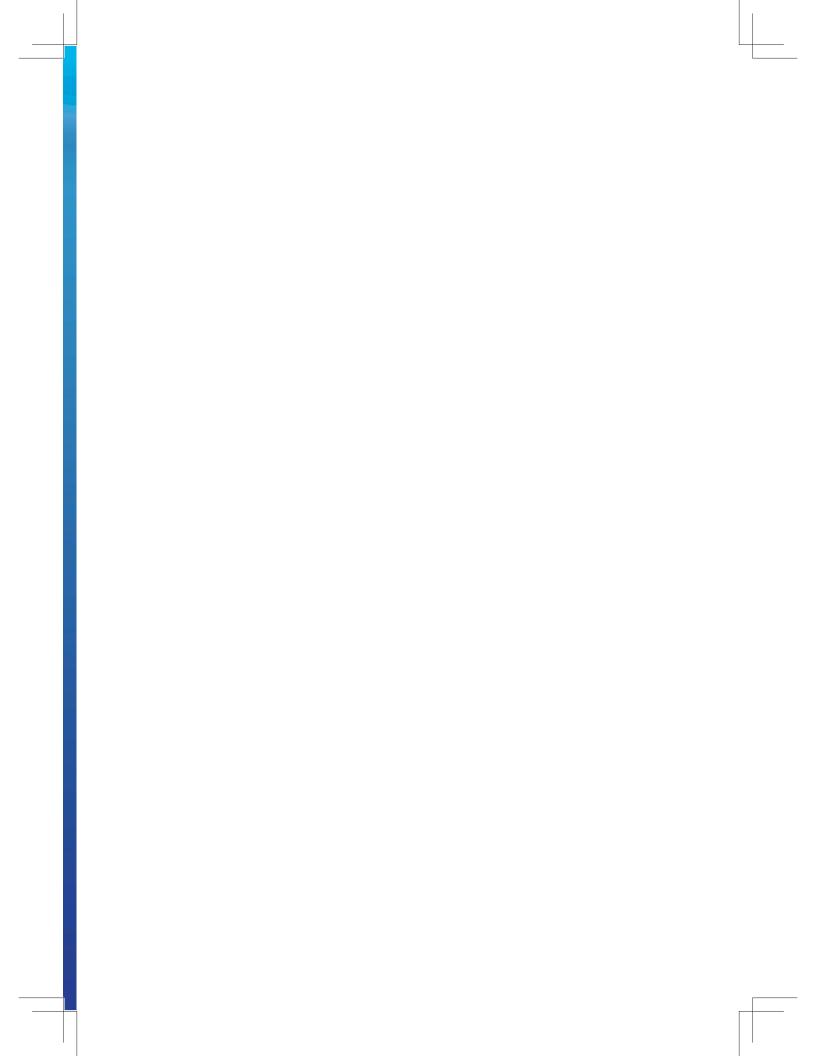
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