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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 | | | | | |

K

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

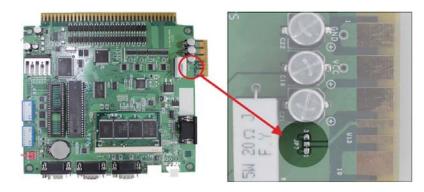


Solving Hopper SSR Error

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.

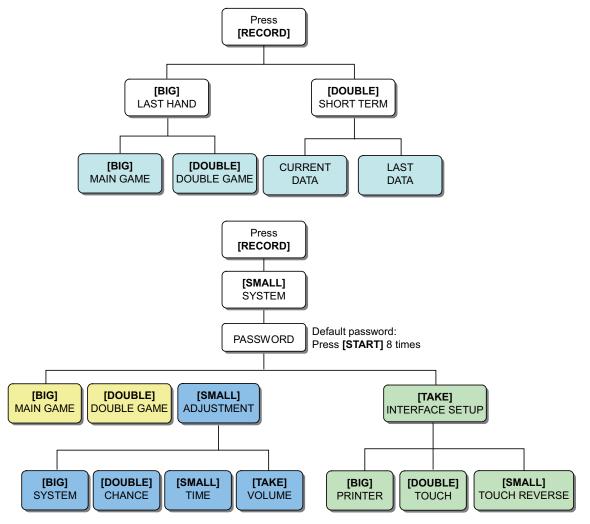


Short pins 2 and 3. Then apply solder to bridge pins 2-3.

2. Bookkeeping & Adjustment

1º X

Access Flow Chart





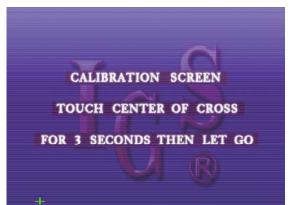
System Adjustment

| 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.

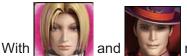
Main Game

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 |



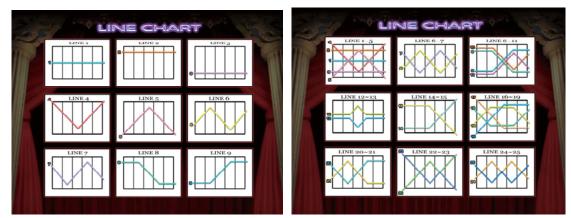
25-Liner JACKPOT

| 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

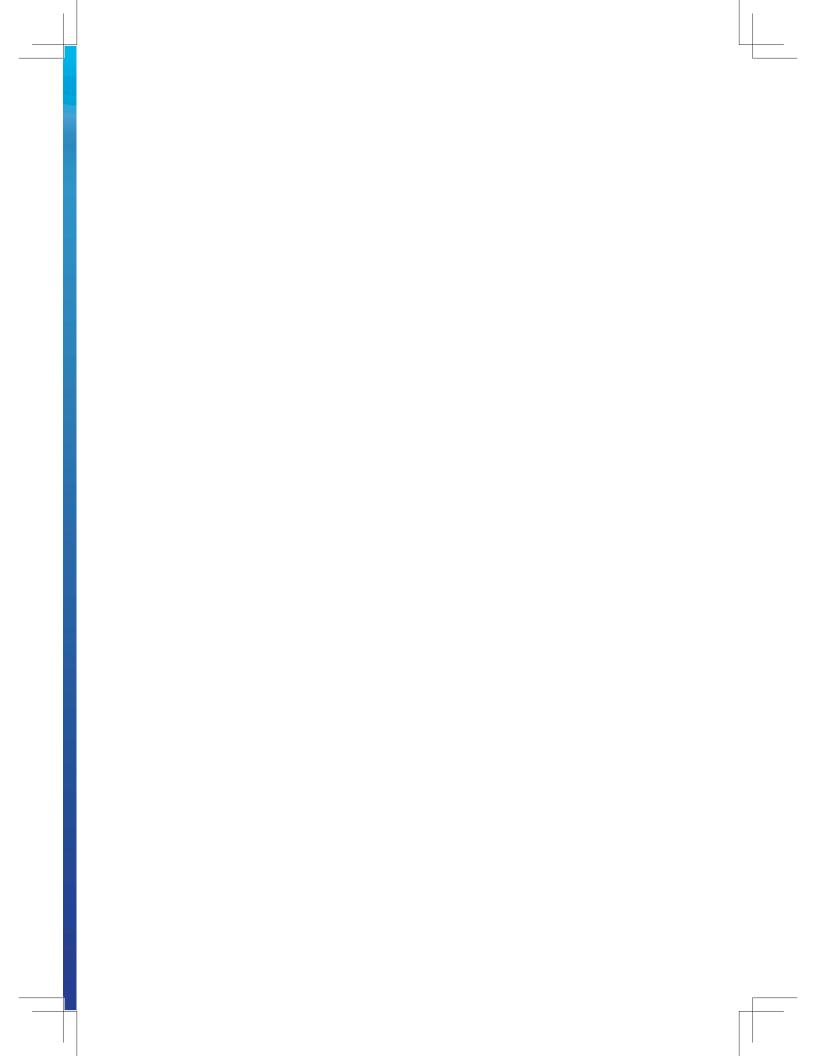
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