IGS®

Golden Shamrock

Operator Manual

Table of Contents

1. Hardware
Hardware Connection

10-Pin Connector

36-Pin Connector

SD Card Slot

Audio Jack

A RS-232
Connects to optional Citizen printer/ticket dispenser.
* Use Belkin #F2L044 (serial printer cable/null modem) for Citizen printer.

DIP Sw 2

DIP Sw 1

B RS-232
Connects to Micro Touch
compatible touch screen

VGA port
Connects to screen

+5V
+5V Power output
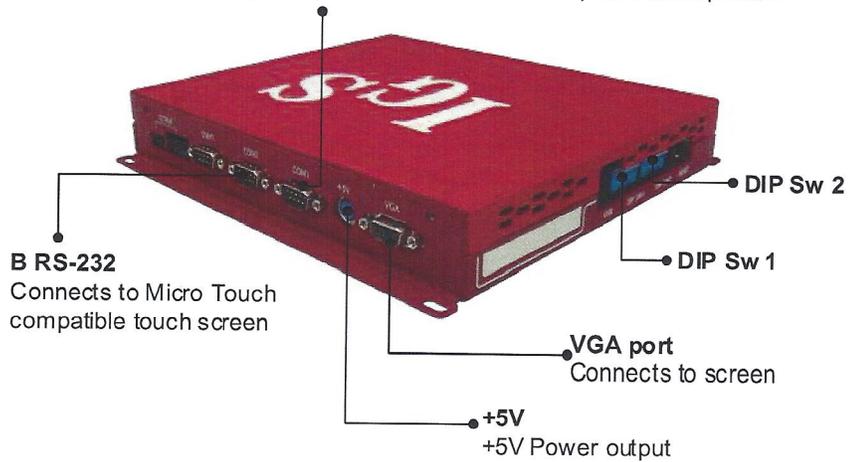
Connecting Touch Panel (Optional)

Type A
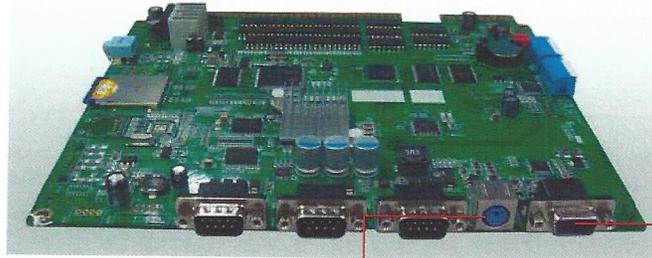
Power +5V Connector
(Female)

Monitor Connector
(15PIN Female)

- Refer to the diagram below to connect the touch screen.
- After the connection, remember to adjust the Pin **1** of **DIP SW1** to **ON** to enable touch mode.

First Screen

PC Board

VGA port

Touch Panel

+5V Power Connect

Touch Panel Controller

Connection Diagram

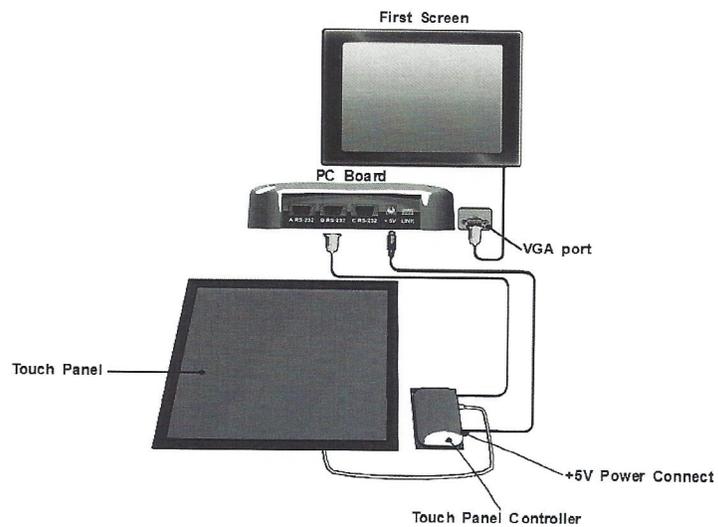| 36 Pins (6 Buttons)		
PARTS SIDE		SOLDER SIDE
	1	
SPEAKER_R	2	
SPEAKER_L	3	GND
	4	
	5	
	6	
TICKET OUT	7	
TICKET SWITCH	8	
START / ALL STOP	9	
STOP4/SMALL/HELP	10	
STOP5/PLAY	11	
STOP1/TAKE	12	
STOP3/DOUBLE/SELECT LINE	13	
	14	
STOP2/BIG/HOLD PAIR	15	
	16	
	17	
COIN A	18	KEY IN
	19	COIN C
RECORD	20	TEST
	21	KEY OUT/PRINTER OUT
	22	
COIN A METER	23	
KEY IN METER	24	
	25	
COIN C METER	26	
OUT METER	27	
OUT METER	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/BIG/HOLD PAIR	34	
	35	
GND	36	GND

10 Pins (6 Buttons)		
PARTS SIDE		SOLDER SIDE
GND	1	GND
GND	2	GND
+5V	3	+5V
+5V	4	+5V
+12V	5	+12V
HOP-VCC	6	
TICKET SSR	7	
	8	
GND	9	GND
GND	10	GND

DIP Switch Settings

DIP SWITCH 1		1	2	3	4	5	6	7	8
TOUCH	OFF	OFF							
	ON	ON							

36 & 10 PIN Button Layout

6 Buttons

TAKE STOP1	BIG STOP 2 (HOLD)	DOUBLE STOP 3 (SELECT LINE)	SMALL STOP 4 (HELP)	PLAY STOP 5	START ALL STOP TAKE
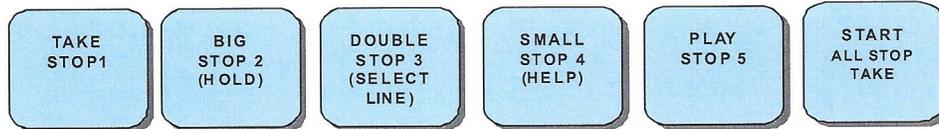
Solving Ticket SSR Error

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

How to solve:

1. Locate the Ticket SSR jump (JP12) on the PC board. Then identify current TICKET SSR is at HIGH ACTIVE or LOW ACTIVE.
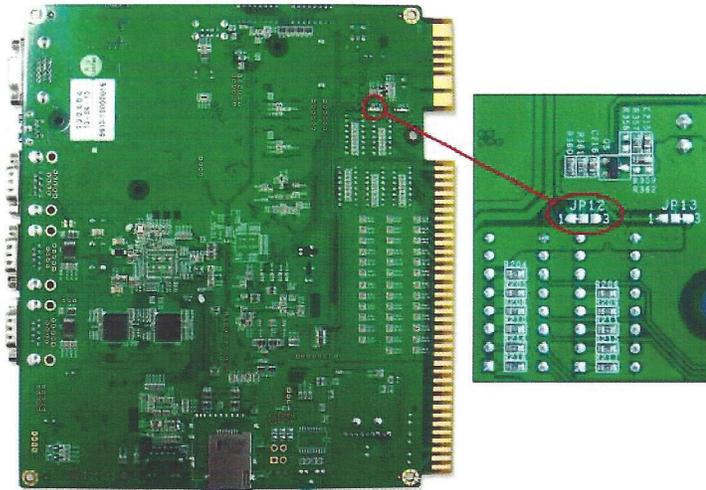
2. Change to use the alternative JP12 setting.

JP12	Low Active	3 2 1	Short pins 1-2
	High Active (Default)	3 2 1	Short pins 2-3

Reset

1. Power off the machine and then power on.
2. Press and hold the 【TEST】 button until the game enters the CHECKING SYSTEM page.
3. Enter the 「TEST」 page.


```
FUSE 1: OK          TEST 1              ¥10000
FUSE 2: OK
FUSE 3: OK

        TEST      KEY TEST

        STOP 3    SPEECH TEST

        STOP 4    RGB&CG TEST

        STOP 1    RS232 TEST




  OPERATED SINCE  2014.09.25 11:26:59  TO  2014.10.08 09:41:54

                                        STOP 5    TEST2
  MCU:  ITMCU001
```

4. Press the 【PLAY】 button to enter the 「TEST 2」 PAGE (PAGE 2).


```
FUSE 1: OK          TEST 2              ¥10000
FUSE 2: OK
FUSE 3: OK

        STOP 2    TIME ADJUST

        STOP 3    RESET






  OPERATED SINCE  2014.09.25 11:26:59  TO  2014.10.08 09:41:59

                                        STOP 5    TEST1
```

5. Press the 【STOP3】 button to enter the 「RESET」 page.

RESET — V1OGUE

PLEASE PRESS THE

< PLAY > BUTTON

TO RESET THE GAME

TO THE DEFAULT VALUE.

STOP 5 RESET   START EXIT

6. Press the 【PLAY】 button to RESET the game to default value.

RESET — V1OGUE

PRESS THE

< PLAY > BUTTON

AGAIN TO CONFIRM OR

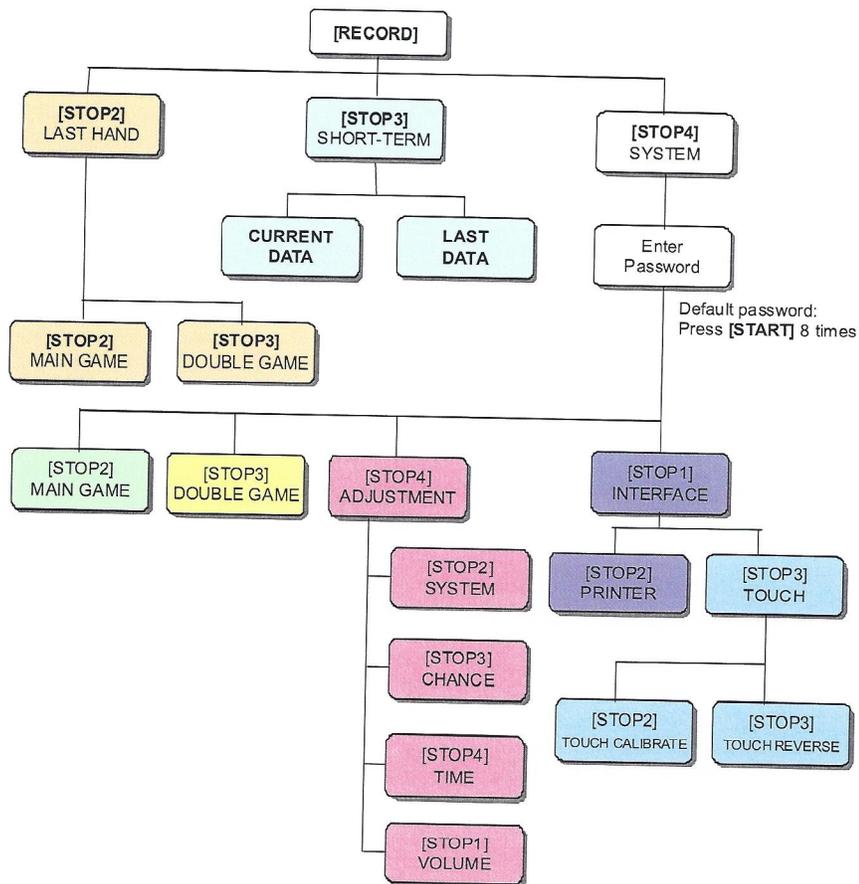PRESS ANY BUTTON TO EXIT.

STOP 5 RESET   START EXIT

7. Press the 【PLAY】 button again to confirm RESET or press ANY button to EXIT.
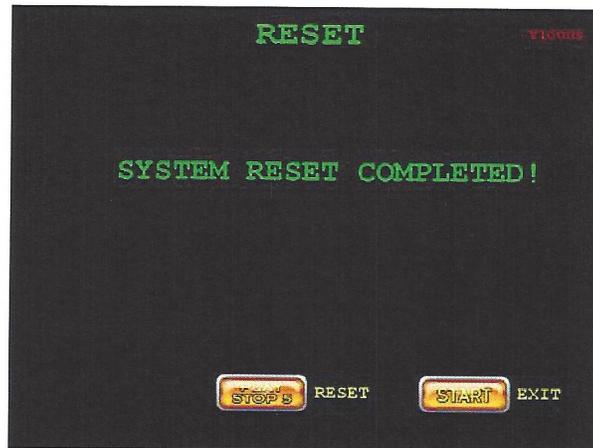
8. After RESET is completed, it displays SYSTEM RESET COMPLETED on the screen.

9. Power off the machine and then power on to complete the Reset procedure.

2. Bookkeeping & Adjustment
Access Flow Chart

```
                              [RECORD]
                                 |
        +------------------------+------------------------+
        |                        |                        |
   [STOP2]                  [STOP3]                  [STOP4]
   LAST HAND                SHORT-TERM               SYSTEM
        |                        |                        |
        |              +---------+---------+              |
        |         CURRENT             LAST            Enter
        |          DATA               DATA           Password
        |                                                 |
  +-----+-----+                              Default password:
  |           |                              Press [START] 8 times
[STOP2]    [STOP3]
MAIN GAME  DOUBLE GAME
```

```
  +------------+------------+------------+----------------+
  |            |            |                             |
[STOP2]     [STOP3]     [STOP4]                      [STOP1]
MAIN GAME  DOUBLE GAME ADJUSTMENT                    INTERFACE
                           |                             |
                       [STOP2]                    +------+------+
                       SYSTEM                  [STOP2]       [STOP3]
                                               PRINTER        TOUCH
                       [STOP3]                                  |
                       CHANCE                            +------+------+
                                                     [STOP2]       [STOP3]
                       [STOP4]                    TOUCH CALIBRATE  TOUCH REVERSE
                       TIME

                       [STOP1]
                       VOLUME
```

10

System Settings

ITEMS	SETTING SELECTION	DEFAULT
MAX. LINE PLAY	2, 4, 8, 10, 15, 20	20
MIN. PLAY(TOTAL)	1, 5, 10, 15, 25	25
MIN. PLAY FOR JACKPOT	1, 5, 10, 15, 25	25
JACKPOT MAX	15000, 20000, 50000, 70000, 100000, 150000, 200000	50000
COIN RATE	1,5,10,20,25,50,100,200,500,1000	25
KEY IN RATE		100
KEY OUT RATE		1
TICKET RATE		500
GAME TICKET	1,2,3,4,5,8,10,CONTINUES	CONTINUES
INTERFACE	DISPENSER , PRINTER ,ATTENDANT	PRINTER
PRINTER COMMAND	CBM1 , ESC/POS , ESC/POS2 , STAR	CBM1
DISPLAY	CREDIT, 1C, 5C, 10C, 20C, 25C, 50C, $1	CREDIT
SYSTEM LIMIT	NO,YES	NO
DEMO MUSIC	NO,YES	YES
NON-STOP	NO,YES	NO
PASSWORD	NO,YES	NO
ODDS TABLE	NO,YES	YES
HOLD PLAY	NO,YES	YES
AUTO PLAY	NO,YES	YES
DOUBLE GAME	NO,YES	YES
JACKPOT MODE	PROGRESSIVE, RANDOM	PROGRESSIVE

Chance Settings

ITEMS	SETTING SELECTION	DEFAULT
MAIN GAME LEVEL	LEVEL1(Easiest), LEVEL2,LEVEL3, LEVEL4,LEVEL5,LEVEL6(Hardest)	LEVEL 6
DOUBLE GAME LEVEL	85%, 90%, 95%	95%

Touch Screen Calibration

CALIBRATION SCREEN

TOUCH CENTER OF CROSS

FOR 3 SECONDS THEN LET GO
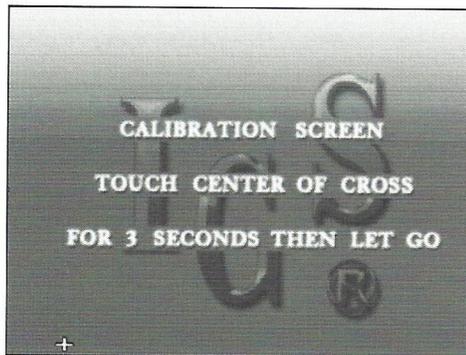
1. If a touch screen is connected, press **[RECORD]>[SYSTEM]>[INTERFACE]>[TOUCH]** and follow the on-screen prompts to enter the calibration screen.

2. Touch center of the cross on the screen for 3 seconds.

3. Follow the cross when it moves till the calibration is completed.

3. Game Introduction

Features

- 25 Lines.
- Max. Win up to 500,000.
- 3 sets of Jackpot: progressive / random mode is adjustable.
- 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.
- Touch screen / Auto play support.

Main Game

LUCKY RAINBOW is a 5 reels & 25 lines game.

3 sets of Jackpots

25Lines

Symbol Zone

Jackpot

- With 5 on the screen, player will win the JACKPOT 1.

- With 4 on the screen, player will win the JACKPOT 2.

- With 3 on the screen, player will win the JACKPOT 3.

Wild Rainbow Feature

- Max. Line play for the WILD RAINBOW FEATURE.

- Wild Rainbow will randomly trigger to make 2nd, 3rd or 4th reel become ALL WILD.

- Wild symbol can substitute for all symbols except JACKPOT and SCATTER symbols.

Pot of Gold Bonus Game

- 3, 4 or 5 symbols can trigger BONUS GAME or FREE GAME.

- Select BONUS GAME to enter Pot of Gold Bonus Game.

- Gold Coins will spill out from pots of gold.

- Press START button in 20 seconds to collect all the coins on the screen.

- If player did not press START button in 20 seconds, the coins will be collected automatically.

- Players can either TAKE or RETRY in the Bonus Game.

Free Game

- 3, 4 or 5 symbols can trigger BONUS GAME or FREE GAME.

- Select FREE GAME to trigger free spins.

- 3 symbols award 10 free spins.

- 4 symbols award 15 free spins.

- 5 symbols award 20 free spins.

- 5 symbols appears on the small reels will be used in the FREE GAME to increase the winning possibility.

Double Game

- Press 「DOUBLE」 button to play Double Game when there is a win.

- Choose or to play double game.

- The winnings will be doubled if you guess right.

4. Win Rules

Encouraging Higher Play

Jackpot Random

MIN. TOTAL PLAY	JACKPOT
25	100%

Odds Table

Line Chart

V100US