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## 1. Hardware

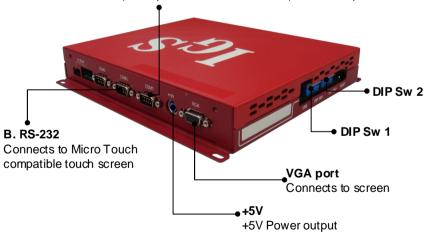
#### **Hardware Connection**



#### A. RS-232

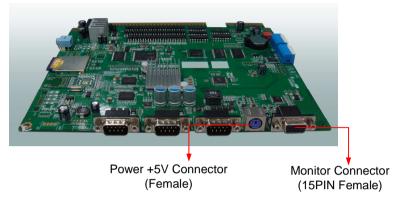
Connects to optional Citizen printer/ticket dispenser.

\* Use Belkin #F2L044 (serial printer cable/null modem) for Citizen printer.

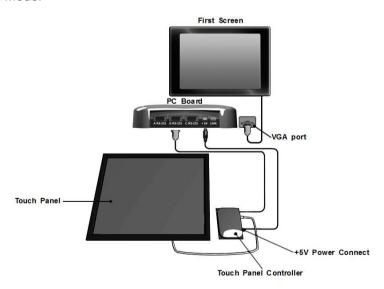


#### **Connecting Touch Panel (Optional)**

#### Type A



- Refer to the diagram below to connect the touch screen.
- After the connection, remember to adjust the Pin 1 of DIP SW2 to ON to enable touch mode.





# **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					
	15					
STOP2/BIG/HOLD PAIR	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					
OOT WIETER	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 SWIT		1	2	3	4	5	6	7	8
	1	OFF	OFF	OFF	OFF	OFF			
	2	ON	OFF	OFF	OFF	OFF			
	3	OFF	ON	OFF	OFF	OFF			
	4	ON	ON	OFF	OFF	OFF			
	5	OFF	OFF	ON	OFF	OFF			
	6	ON	OFF	ON	OFF	OFF			
	7	OFF	ON	ON	OFF	OFF			
	8	ON	ON	ON	OFF	OFF			
	9	OFF	OFF	OFF	ON	OFF			
	10	ON	OFF	OFF	ON	OFF			
	11	OFF	ON	OFF	ON	OFF			
	12	ON	ON	OFF	ON	OFF			
	13	OFF	OFF	ON	ON	OFF			
	14	ON	OFF	ON	ON	OFF			
	15	OFF	ON	ON	ON	OFF			
SLAVE ID	16	ON	ON	ON	ON	OFF			
SLAVE ID	17	OFF	OFF	OFF	OFF	ON			
	18	ON	OFF	OFF	OFF	ON			
	19	OFF	ON	OFF	OFF	ON			
	20	ON	ON	OFF	OFF	ON			
	21	OFF	OFF	ON	OFF	ON			
	22	ON	OFF	ON	OFF	ON			
	23	OFF	ON	ON	OFF	ON			
		ON	ON	ON	OFF	ON			
		OFF	OFF	OFF	ON	ON			
		ON	OFF	OFF	ON	ON			
		OFF	ON	OFF	ON	ON			
	24	ON	ON	OFF	ON	ON			
		OFF	OFF	ON	ON	ON			
		ON	OFF	ON	ON	ON			
		OFF	ON	ON	ON	ON			
		ON	ON	ON	ON	ON			
LINK	SINGLE								OFF
MODE	LINK								ON



DIP SWITCH	H 2	1	2	3	4	5	6	7	8
TOUCH	NO	OFF							
10000	YES	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

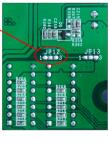
### **Solving Ticket SSR Error**

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
0 <u> </u>	High Active (Default)	3 2 1	Short pins 2-3

6

#### 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.



4. Press the [PLAY] button to enter the TEST 2 PAGE (PAGE 2).

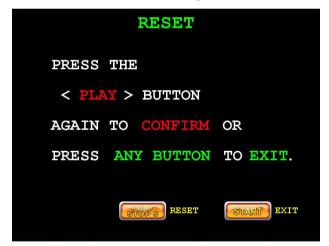




5. Press the [STOP3] button to enter the RESET\_page.



6. Press the [PLAY] button to RESET the game to default value.



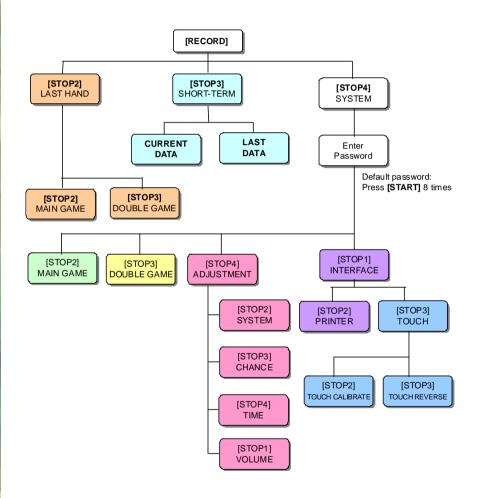
7. Press the [PLAY] button again to confirm RESET or press ANY button to EXIT.



- 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



# **System Settings**

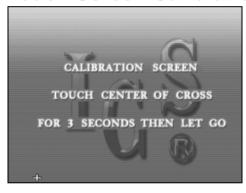
ITEMS	SETTING SELECTION	DEFAULT
MAX. LINE PLAY	2, 4, 8, 10, 15, 20	20
MIN. PLAY(TOTAL)	1, 5, 10, 15, 25, 50, 75, 100, 125, 150	25
MIN. PLAY FOR JACKPOT	1, 5, 10, 15, 25	25
JACKPOT MAX	15000, 20000, 50000, 70000, 100000, 150000, 200000	50000
COIN RATE		25
KEY IN RATE	1,5,10,20,25,50,100,200,500,1000	100
KEY OUT RATE	1,3,10,20,23,30,100,200,300,1000	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	AUTO PLAY NO,YES	
DOUBLE GAME	OUBLE GAME NO,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**



- 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**

GOLDEN SHAMROCK is a 5 reels & 25 lines game.





# **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.



symbols award 10 free

spins.



symbols award 15 free

spins.



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** 



#### **Odds Table**





#### **Line Chart**



