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1. Hardware

Package Contents

PC Board Components (Per PC Boa	ard)
PC Board x 1	SE S
CO3 Signal Cord (0.9M) x 1	
CO2 Signal Cord (1.5M) x 1	
*For extension use.	
Linking Display Components (Per L	_inking System)
Linking Display PCB x 1	
RS-232 Cable x 1	
Power Card x 1	



Connector Descriptions

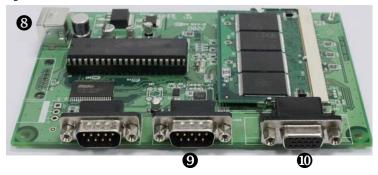
PC Board



NO.	Connector	Connect to	Cable to be used
1	A RS-232	Citizen printer/ticket dispenser (optional)	Use Belkin #F2L044 (serial printer cable /null modem) for Citizen printer.
2	B RS-232	Linking Display PCB	RS-232 cable
3	C RS-232	Micro Touch compatible touch panel (optional)	RS-232 Cable
4	+5V	+5V Power Output	Power Cord
5	LINK	Another PC board's LINK port	CO3 Signal Cord
6	VGA	First Screen	VGA cable (N/A)
7	36 Pin Connector		

^{*}The interface board of ticket dispenser can be driven by connecting to the 7th pin on the Part Side of 10-pin connector.

Linking Display PCB



NO.	Connector	Connector Connect to	
8	Power +5V (Female)	+5V power port on host (ID=1)	Power cable
9	RS-232 (9-Pin Male)	B RS 232 port on host (ID=1)	RS-232 cable
10	VGA	Linking Display	VGA cable (N/A)

3

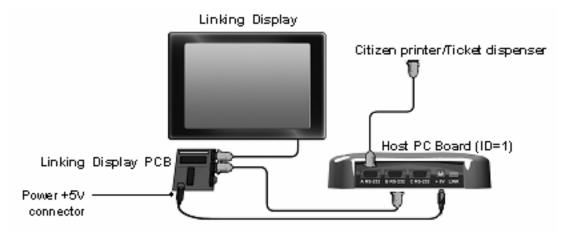
Linking System Connection



- Up to 5 PC boards can be linked; each with a unique ID and one must be ID 1.
- CO2 cable is optional for extension purpose.

Optional Connection

- Linking Display: Only the host (#ID 1) can be connected to a linking display.
- Touch Panel: After the connection, remember to adjust the Pin 1 of DIP SW2 to ON to enable touch mode.
- Citizen printer/ticket dispenser: If to connect Citizen printer, make sure to use Belkin #F2L044 (serial printer cable /null modem).





Connection Diagram

36 Pins					
PARTS SIDE		SOLDER SIDE			
	1				
	2				
SPEAKER	3	GND			
	4				
	5				
	6				
TICKET OUT	7				
TICKET SWITCH	8				
START / ALL STOP / TAKE	9				
SMALL / HELP / STOP 4	10				
PLAY / STOP5	11				
TAKE / STOP1	12				
SELECT LINE/DOUBLE / STOP 3	13				
	14				
	15				
BIG / HOLD / STOP2	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/ALLSTOP/TAKE	29				
LAMP: SMALL/HELP/STOP4	30				
LAMP: PLAY/STOP5	31	LAMP: COUNT			
LAMP: TAKE/SELECT GAME / STOP1	32	2			
LAMP: DOUBLE/SELECT LINE/STOP3	33				
LAMP: BIG/HOLD/STOP2	34				
	35				
GND	36	GND			

	_				
10 Pins					
PARTS SIDE		SOLDER SIDE			
GND	1	GND			
GND	2	GND			
+5V	3	+5V			
+5V	4	+5V			
+12V	5	+12V			
	6				
TICKET SSR	7				
	8				
	9				
GND	10	GND			

DIP Switch Settings

DIP SWITCI	H 1	1	2	3	4	5	6	7	8
	1	OFF	OFF	OFF					
	2	ON	OFF	OFF					
	3	OFF	ON	OFF					
SLAVE ID	4	ON	ON	OFF					
SLAVE ID	5	OFF	OFF	ON					
		ON	OFF	ON					
		OFF	ON	ON					
		ON	ON	ON					

Note 1: For linking system, a unique ID must be set for each machine and one of them must be host (**ID 1**). Also, system must be reset after adjusting **SLAVE ID** to enable the change.

Note 2: <u>These games can be operated ONLY when 2 or more machines are linked.</u>

DIP SWITC	H 2	1	2	3	4	5	6	7	8
Touch	YES	ON							
Function	NO	OFF							

System Reset

To reset system, press **TEST** key upon startup and then select **[RECORD]** > **[TEST]**.

36 & 10 PIN Button Layout

STOP 2 BIG HOLD PAIR STOP 3 DOUBLE SELECT LINE

STOP 4 SMALL HELP STOP 1
TAKE

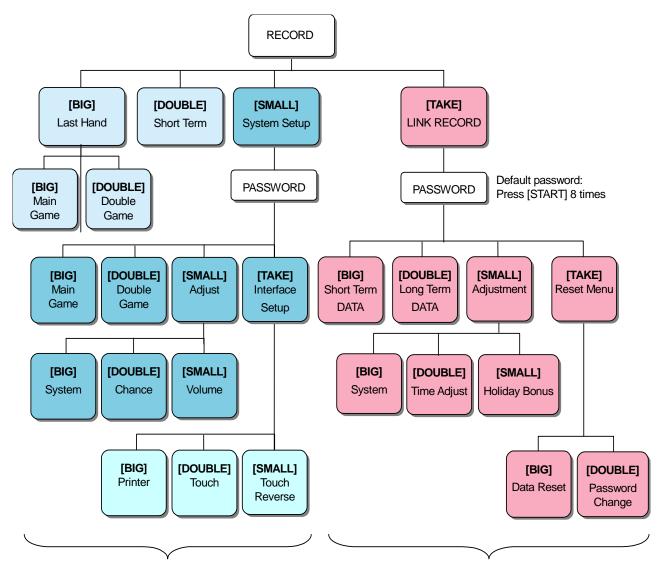
STOP5

START ALL STOP TAKE



2. Bookkeeping & Adjustment

Access Flow Chart



Single Machine-Specific Settings & Data

- These pages are accessible to all machines.
- **System** and **Chance** pages are read-only.

Overall Settings & Data

- These pages are only accessible to host (ID=1).
- DATA RESET will clear only the bookkeeping data; system adjustment settings will still be kept.

System Adjustment

ITEM	SETTINGS	DEFAULT
MAX. PLAY/LINE	5 , 10 , 20 , 30 , 40 , 50 ,	20
MIN.PLAY/TOTAL	1 , 5 , 7 , 9 , 10 , 15 , 20 , 25	9
MIN.PLAY FOR JP	1, 3, 5, 9, 10, 15, 18, 25	9
GRAND BASE	MAX PLAY x 100, MAX PLAY x 200, MAX PLAY x 250, MAX PLAY x 500, MAX PLAY x 750, MAX PLAY x 1000	MAX PLAY x 250
GRAND MAX	MAX PLAY x 200, MAX PLAY x 250, MAX PLAY x 500, MAX PLAY x 750, MAX PLAY x 1000	MAX PLAY x 500
DAILY VALUE	MAX PLAY x 5, MAX PLAY x 6, MAX PLAY x 7, MAX PLAY x 8, MAX PLAY x 9, MAX PLAY x 10	MAX PLAY x 5
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

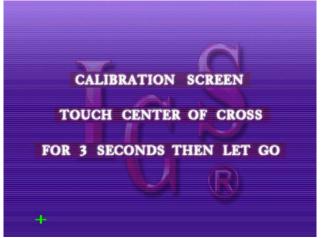


ITEM	SETTINGS	DEFAULT
HOLD PAIR	NO, REGULAR	NO
AUTO PLAY	NO YES	YES
DOUBLE GAME	NO, YES	YES
MAIN GAME LEVEL	LEVEL 1(easiest), LEVEL 2, LEVEL 3, LEVEL 4, LEVEL 5, LEVEL 6(hardest)	LEVEL 6
DOUBLE GAME LEVEL	95%, 90%, 85%	95%

Holiday Bonus

ITEMS	SELECTIONS	DEFAULT
HOLIDAY BONUS MODE	YES, NO	NO
HOLIDAY BONUS TYPE	NEW YEAR, VALENTINE, ST.PATRICK, EASTER, MOTHER'S DAY, FATHER'S DAY, INDEPENDENCE DAY, LABOR DAY, HALLOWEEN, THANKSGIVING, X'MAS	NEW YEAR
HOLIDAY BONUS PERIOD	7 DAYS, 14 DAYS	7 DAYS

Touch Screen Calibration



- If a touch screen is connected, 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. Follow the cross when it moves till the calibration is completed.

3. Game Introduction

Features

- Additional Progressive GRAND Jackpot and fixed DAILY Jackpot.
- Max. win up to 500,000
- 3 sets of random Jackpot. If 5/4/3 Jackpot symbols are in line players can get Jackpots 1/2/3 depending on JP symbol.
- Higher wagers encouragement: Win paid from left to right and right to left when matching 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.
- Player may win Holiday Bonus if Holiday Bonus Mode is turned on.

Main Game

Magic Show is a 15-reel & 25-liner game with 3 different bonus games.





Free Game



With



and



next to

each other left to right, the player gets a Free Game.

Double Game

After winning the Main game or Bonus game, player can press [DOUBLE] 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.

Bonus Game



With 3 bonus symbols or more on the screen, the player enters the Bonus Game.

Bonus Game 1



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]**.

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

Bonus Game 3



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



Main Game Feature



With



and



next to

each other left to right, the player gets a reward score.

With



and



next to

each other left to right, the player gets a reward score

Holiday Bonus



When **HOLIDAY BONUS MODE** is turned **ON**, player has the chance to get corresponding **HOLIDAY BONUS** during the specified period.

Display



GRAND

A **PROGRESSIVE JACKPOT** wins up to 1000 times of the Max. Play.



DAILY

A **FIXED DAILY JACKPOT** wins up to 10 times of the Max. Play.

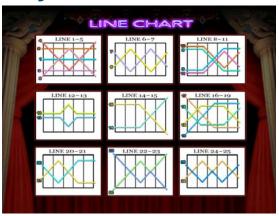


4. Payout Rules

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.

Pay Chart



Odds Table



Encouraging Higher Wagers

JACKPOT

MIN. TOTAL PLAY FOR JP	JACKPOT	
25	50%	
50	100%	

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

15

