



DIAMOND TOUCH



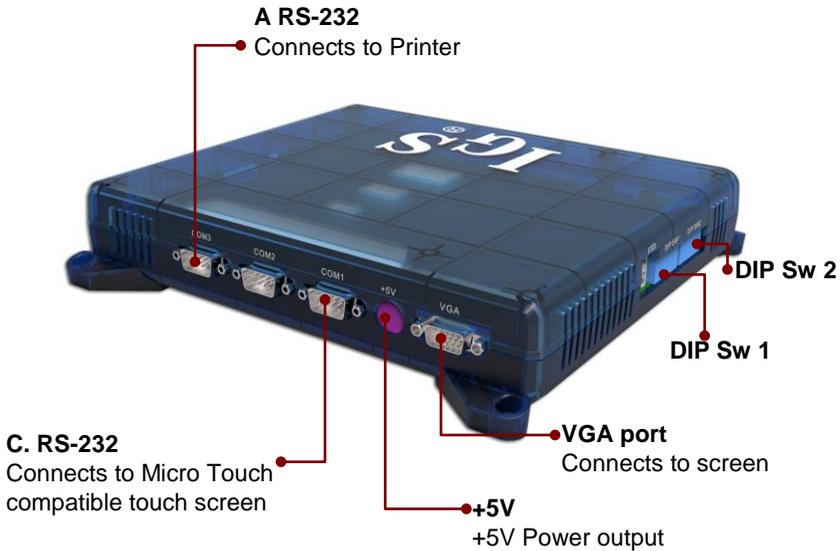
Operator Manual

Table of Contents

1. Hardware	2
Hardware Connection	2
Connection Diagram	4
DIP Switch Settings.....	5
36 & 10 PIN Button Layout.....	5
2. Bookkeeping & Adjustment	9
Settings Flow Chart.....	9
Bookkeeping Flow Chart.....	9
System Settings	10
Chance Adjustment.....	11
ON TAP	11
FRUIT CANNON	11
SUPER POKER	12
SUPER KENO.....	12
BONUS BUY KENO.....	13
Touch Screen Calibration	13
3. Encouraging Higher Play	14
ON TAP	14
FRUIT CANNON	14
SUPER POKER	14
SUPER KENO.....	15
BONUS BUY KENO.....	15
4. How To Play	16
ON TAP	16
FRUIT CANNON	18
SUPER POKER	19
SUPER KENO.....	20
BONUS BUY KENO.....	21

1. Hardware

Hardware Connection



Connecting Touch Panel (Optional)

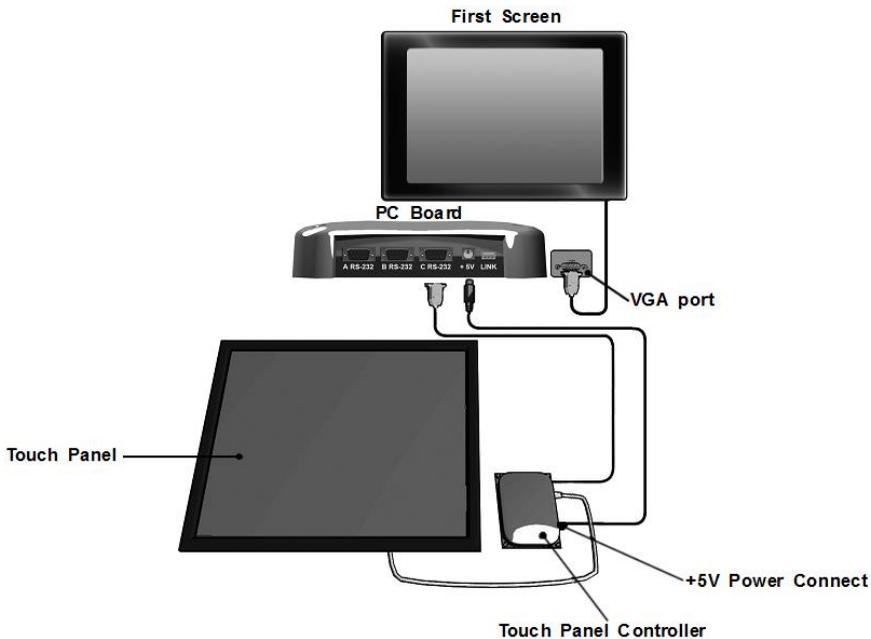
Type A



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 SW2** to **ON** to enable touch mode.



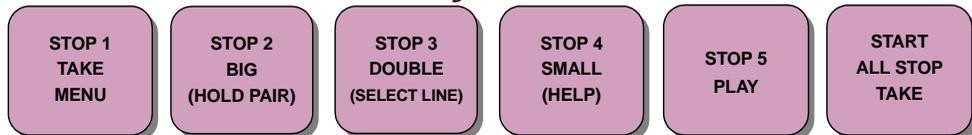
Connection Diagram

36 Pins			10 Pins		
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	
PAYOUT	7		HOPPER SSR	7	
HOPPER SWITCH	8			8	
START / ALL STOP	9			9	
STOP 4 / SMALL / HELP	10		GND	10	GND
STOP 5 / PLAY	11				
STOP 1 / TAKE / MENU	12				
STOP 3 / DOUBLE / SELECT LINE	13				
	14				
	15				
STOP 2 / 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: STOP 4 / SMALL / HELP	30				
LAMP: STOP 5 / PLAY	31	LAMP: COUNT			
LAMP: STOP 1 / TAKE	32				
LAMP: STOP 3 / DOUBLE / SELECT LINE	33				
LAMP: STOP 2 / HOLD PAIR / BIG	34				
	35				
GND	36	GND			

DIP Switch Settings

DIP SWITCH 2		1	2	3	4	5	6	7	8
POKER	ON	OFF							
	OFF	ON							
SUPER KENO	ON		OFF						
	OFF		ON						
BONUS BUY KENO	ON			OFF					
	OFF			ON					
KEYOUT MODE	FAST							OFF	
	NORMALL							ON	

36 & 10 PIN Button Layout



Solving Hopper SSR Error

After powering on the machine, if the hopper dispenser 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 (JP5) on the PC board. Then identify current **HOPPER SSR** is at **HIGH ACTIVE** or **LOW ACTIVE**.



2. Change to use the alternative JP5 setting.

JP5	Low Active (Default)		Short pins 1-2
	High Active		Short pins 2-3

Reset

1. Power off the machine and then power on.
2. Press and hold the **【TEST】** button until it enters the 「TEST」 page.



3. Press the **【TEST】** button to enter the 「KEY TEST」 page.



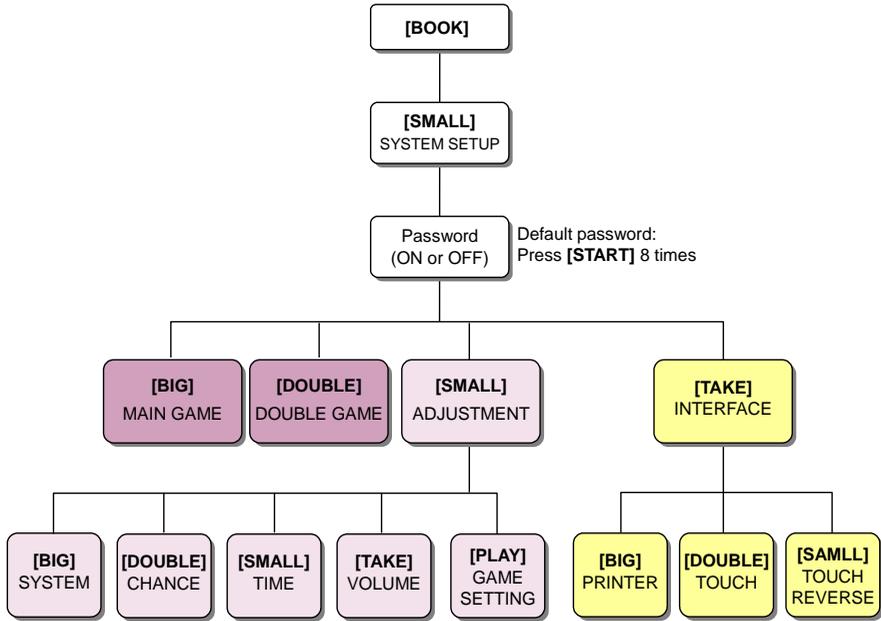
4. Press and hold the **【LONG TERM】** button until you see the screen below.



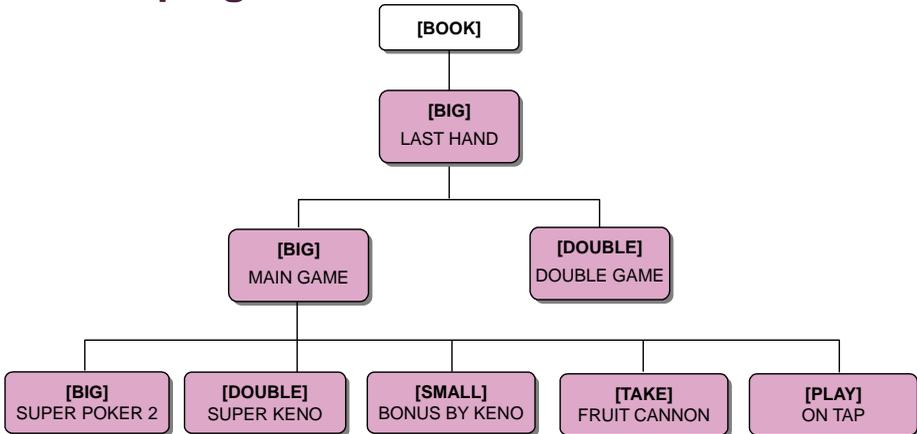
5. Please reboot the machine to complete the RESET procedure.

2. Bookkeeping & Adjustment

Settings Flow Chart



Bookkeeping Flow Chart



System Settings

ITEM	SETTINGS	DEFAULT
MYSTERY JP MAX	10000, 20000, 50000, 100000, 200000, 300000, 400000, 500000	300000
COIN RATE	1, 2, 4, 5, 10, 15, 20, 25, 30, 40, 50, 60, 75, 80, 100, 200, 250, 400, 500, 1000	25
KEYIN RATE		100
KEYOUT RATE		1
HOPPER RATE		500
INTERFACE	DISPENSER, PRINTER, ATTENDANT	PRINTER
PRINTER COMMAND	CBM1, ESC/POS, STAR	CBM1
SYSTEM LIMIT	NO, YES	NO
NON STOP	NO, YES	NO
PASSWORD	NO, YES	NO
ODDS TABLE	NO, YES	YES
HOLD PAIR	NO, YES	YES
JACKPOT MODE	RANDOM, PROGRESSIVE	PROGRESSIVE
DOUBLE GAME	NO, YES	YES

Notes:

1. MYSTERY BASE= MESTERY MAX / 2.
2. HOLD PAIR : ONLY FOR SLOT GAMES.
3. NON STOP : ONLY FOR SLOT GAMES.
4. DOUBLE GAME : NOT FOR KENO GAMES.
5. AUTO PLAY : ONLY FOR 25 LINER SLOT GAME.

Chance Adjustment

ITEMS	SELECTIONS	DEFAULT
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%

ON TAP

ITEM	SETTINGS	DEFAULT
MIN. PLAY	1, 5, 10, 15, 20, 25, 50, 100	25
MAX. LINE play	2, 4, 6, 8, 10, 12, 14, 16, 20	12
MIN. PLAY FOR JACKPOT	1, 5, 10, 25, 50	25
AUTO PLAY	ON,OFF	ON
MAX. JACKPOT	1000, 5000, 10000, 15000, 20000, 30000, 50000, 100000, 130000, 150000, 180000, 200000, 225000, 250000	100000

Remark : jackpot Base = Max.jackpot / 4.

FRUIT CANNON

ITEM	SETTINGS	DEFAULT
MIN. PLAY	1, 3, 5, 8, 10, 16, 20, 24, 48, 72, 96	16
MAX. PLAY	48, 72, 96, 128, 160, 240, 320, 400, 480	320
MIN. PLAY FOR JACKPOT	1, 3, 5, 8, 10, 16, 20, 24	24
MAX. JACKPOT	1000, 5000, 10000, 15000, 20000, 30000, 50000, 100000, 130000, 150000, 180000, 200000, 225000, 250000	50000

Remark : jackpot Base = Max.jackpot / 4.

SUPER POKER

ITEM	SETTINGS	DEFAULT
MIN. PLAY	1, 2, 4, 5, 10, 25, 50, 75, 100	25
MAX. PLAY	50, 75, 100, 150, 200, 250, 300, 500	300
MIN. PLAY FOR JACKPOT	1, 2, 4, 5, 10, 25, 50, 75, 100, 150	25
DISCARD	NO, YES	NO
AUTO HOLD	AUTO, WIN, NO	AUTO
MAX. JACKPOT	1000, 5000, 10000, 15000, 20000, 30000, 50000, 100000, 130000, 150000, 180000, 200000, 225000, 250000	100000

Remark : jackpot Base = Max.jackpot / 4.

SUPER KENO

ITEM	SETTINGS	DEFAULT
MIN. BET	1, 2, 4, 5, 10, 20, 50, 100	20
MAX. BET	50, 100, 150, 200, 250, 300, 400, 500	300
MIN. BET FOR JACKPOT	1, 2, 4, 5, 10, 20, 30, 50, 100, 150	20
MAX. JACKPOT	2000X, 3000X, 4000X, 5000X	2000X
GAME SPEED	FAST, NORMAL	NORMAL
MAX. WIN	50000, 100000, 200000, 300000, 400000, 500000	500000

Remark : jackpot Base = 1000 X Min.Bet For jackpot.

BONUS BUY KENO

ITEM	SETTINGS	DEFAULT
MIN. BET	1, 2, 4, 5, 10, 20, 50, 100	20
MAX. BET	50, 100, 150, 200, 250, 300, 400, 500	300
MIN. BET FOR JACKPOT	1, 2, 4, 5, 10, 20, 30, 50, 100, 150	20
MAX. JACKPOT	2000X, 3000X, 4000X, 5000X	2000X
GAME SPEED	FAST, NORMAL	NORMAL
MAX. WIN	50000, 100000, 200000, 300000, 400000, 500000	500000

Remark : jackpot Base = 1000 X Min.Bet For jackpot.

Touch Screen Calibration



1. If a touch screen is connected, press **[BOOK]** 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. Encouraging Higher Play

ON TAP

JACKPOT

Any 5  on screen, gets the Jackpot.

MIN. TOTAL PLAY FOR JP	JACKPOT
25	29244



ENCOURAGING HIGHER PLAY

PLAY (25 LINER)

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



FRUIT CANNON

ENCOURAGING HIGHER WAGERS

MIN. PLAY	JACKPOT
8	14061

MYSTERY JACKPOT

164430

PLAYER CAN RANDOMLY WIN THE "MYSTERY JACKPOT"



CANNON MAN FEATURE

3 LEVELS OF PLAYS TO ACTIVATE THE CANNON MAN FEATURE AND UP TO 5 CANNON MEN WILL LAUNCH.

PLAY	18	40	48
CANNON MAN	1	3	6



SUPER POKER

FIVE JOKER	100000
ROYAL FLUSH	50000
5 OF A KIND	25000
STR. FLUSH	12500
4 OF A KIND	7500
FULL HOUSE	1250
FLUSH	875
STRAIGHT	625
3 OF A KIND	375
TWO PAIRS	250
7 BETTER	125

SUPER KENO

• SUPER BALL KENO ODDS

PICKS	2	3	4	5	6	7	8	9	10
HITS 0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
2	1100	200	100	100	0	0	0	0	0
3		2600	500	200	200	100	100	0	0
4			6000	1100	700	400	200	200	100
5				7500	3000	1200	600	500	400
6					12500	7500	1700	1400	800
7						JACKPOT	12000	5500	2400
8							JACKPOT	JACKPOT	10000
9								JACKPOT	JACKPOT
10									JACKPOT

Wins when play amount is 100

Press ↑↑ ↓↓ buttons to see how the win will be affected by the play.

PLAY PLAY

FACE EXIT

BONUS BUY KENO

• BONUS BUY KENO ODDS

PICKS	2	3	4	5	6	7	8	9	10
HITS 0	0	0	0	0	0	0	0	0	20
1	20	0	0	0	0	0	0	0	0
2	160	40	20	20	0	0	0	0	0
3		840	180	40	20	20	20	0	0
4			1720	480	200	80	40	20	20
5				4300	2600	680	200	180	80
6					7000	4900	1900	1100	400
7						10000	10000	5200	2300
8							JACKPOT	10000	7000
9								JACKPOT	JACKPOT
10									JACKPOT

Wins when play amount is 20

Press ↑↑ ↓↓ buttons to see how the win will be affected by the play.

PLAY PLAY

FACE EXIT

4. How To Play

ON TAP JACKPOT



Any 5  on screen, win the JACKPOT.



BONUS GAME



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



- Player can select 1 character each round.
- The Bonus Game finishes when the selected character gets drunk.

FEATURE GAME



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



- With 3  in line, player gets an extra spins.

FRUIT CANNON JACKPOT GAME



With 3 or more  symbols on the screen, player enters the JACKPOT GAME.



- Player wins the Jackpot bonus once the five kinds of fruit symbols are collected.

FEATURE GAME



- The 3 Level Cannon Man feature can be activated with 1, 3 or 5 cannon balls when increasing the play.

WILD



- After a no-win play but with Wild symbol on the screen, a Wild respin will be triggered to win additional credits.

SUPER POKER



SUPER KENO



SUPER BALL KENO ODDS

HITS	PICKS 2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
2	1100	200	100	100	0	0	0	0	0
3		2500	500	200	200	100	100	0	0
4			6000	1100	700	400	200	200	100
5				7500	3000	1200	600	500	400
6					12500	7500	1700	1400	800
7						JACKPOT	12000	5500	2400
8							JACKPOT	JACKPOT	10000
9								JACKPOT	JACKPOT
10									JACKPOT

Wins when play amount is 100

Press ↑↑, ↓↓ buttons to see how the win will be affected by the play.

- Player can pick 2 to 10 spots on the card by touching the numbers he/she wants. Touch the number again to cancel the pick.
- Touch the  to clear all picked spots.
- Touch the  for a random pick.
- Touch the  to raise or lower the play amount.
- Player wins the prize according to the odds list on the right side. If the last spot hits a prize, player wins 4 times of the amount shown on the odds list (00000000).

BONUS BUY KENO



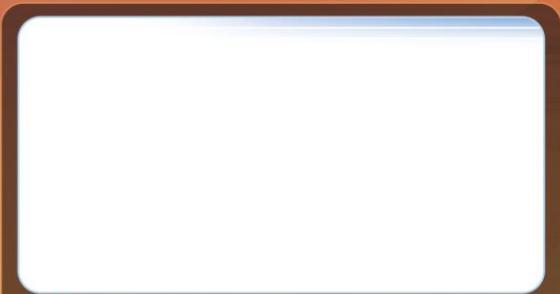
BONUS BUY KENO ODDS

PICKS	2	3	4	5	6	7	8	9	10
HITS 0	0	0	0	0	0	0	0	0	20
1	20	0	0	0	0	0	0	0	0
2	160	40	20	20	0	0	0	0	0
3		840	180	40	20	20	20	0	0
4			1720	480	200	80	40	20	20
5				4300	2600	680	200	160	80
6					7000	4900	1900	1100	400
7						10000	10000	5200	2300
8							JACKPOT	10000	7000
9								JACKPOT	JACKPOT
10									JACKPOT

Wins when play amount is 20

Press ↑↑, ↓↓ buttons to see how the win will be affected by the play.

- Pick from 2 to 10 spots on the card by touching the desired numbers. Touch the number again to clear pick.
- Touch the  to clear all picked spots.
- Touch the  to for a random pick.
- Touch the  to raise or lower the play amount.
- When your card expects just one more hit for a prize and the value of the Extra Ball is over 1 credit, the game will activate the Bonus Buy Feature.



IGS INTERNATIONAL GAMES SYSTEM CO.,LTD.
TEL:886-2-2299 4692 FAX:886-2-2299 4687 <http://www.sales-igs.com/>