


User Manual for Pinball machine (5 ball)

1. GAME FEATURES

A.) Win a prize when get 4 conjoint lamps, up to 64 times when get 10 conjoint lamps.

B.) Up to 128 times when get more than 10 conjoint lamps.

C.) Win double prize when get 4 conjoint lamps or more & the same four flags . The prize for the same four flags is up to 2-30 times .

D.) Win bonus when get four conjoint 

E.) 1-8 random lamps are available.

2. DIMENSION : L: 87 CM W: 49 CM H: 154 CM

3. WEIGHT : 50 KGS / UNIT

4. POWER : 600W

5. INPUT AC: 220V

DIP SW FUNCTION (A)

0 = OFF 1 = ON

		1	2	3	4	5	6	7	8
Score per coin in	1	0	0	0					
	2	1	0	0					
	5	0	1	0					
	10	1	1	0					
	20	0	0	1					
	50	1	0	1					
	100	0	1	1					
	100	1	1	1					
Score per coin out	1				0	0	0		
	2				1	0	0		
	5				0	1	0		
	10				1	1	0		
	20				0	0	1		
	50				1	0	1		
	100				0	1	1		
	100				1	1	1		
Coin out or Ticket	Coin out (w/o music)							0	
	Ticket(w/music)							1	
Payout mode	Payout Directly								0
	Score Accumulation								1

DIP SW FUNCTION (B)

0 = OFF 1 = ON

		1	2	3	4	5	6	7	8
Lamp Rate	90%	0	0						
	80%	1	0						
	70%	0	1						
	60%	1	1						
Max. Bet	10 point			0	0				
	30 point			1	0				
	60 point			0	1				
	90 point			1	1				
Over Points	10000 point					0	0		
	20000 point					1	0		
	40000 point					0	1		
	60000 point					1	1		
Each Bet	1 point							0	0
	2 point							1	0
	5 point							0	1
	10 point							1	1

SW Function on the Main PC Board

K4	K3	K2	K1
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K1.: Auditing

Display 0: Total Surplus(LED Lighting when Minus appear)
 Display 1: Total Bet
 Display 2: Total Win
 Display 5: Total Key In
 Display6: Total Key Out

K2: Check prize times and individual win Rate

K3: Key in reset (Press Start to select), Bingo Bonus (Press Payout button SW to add the bonus Or Press Bet button to reduce the bonus)

K4: Test LED, Monitor , DIP SW (Press Payout SW to test DIP SW)

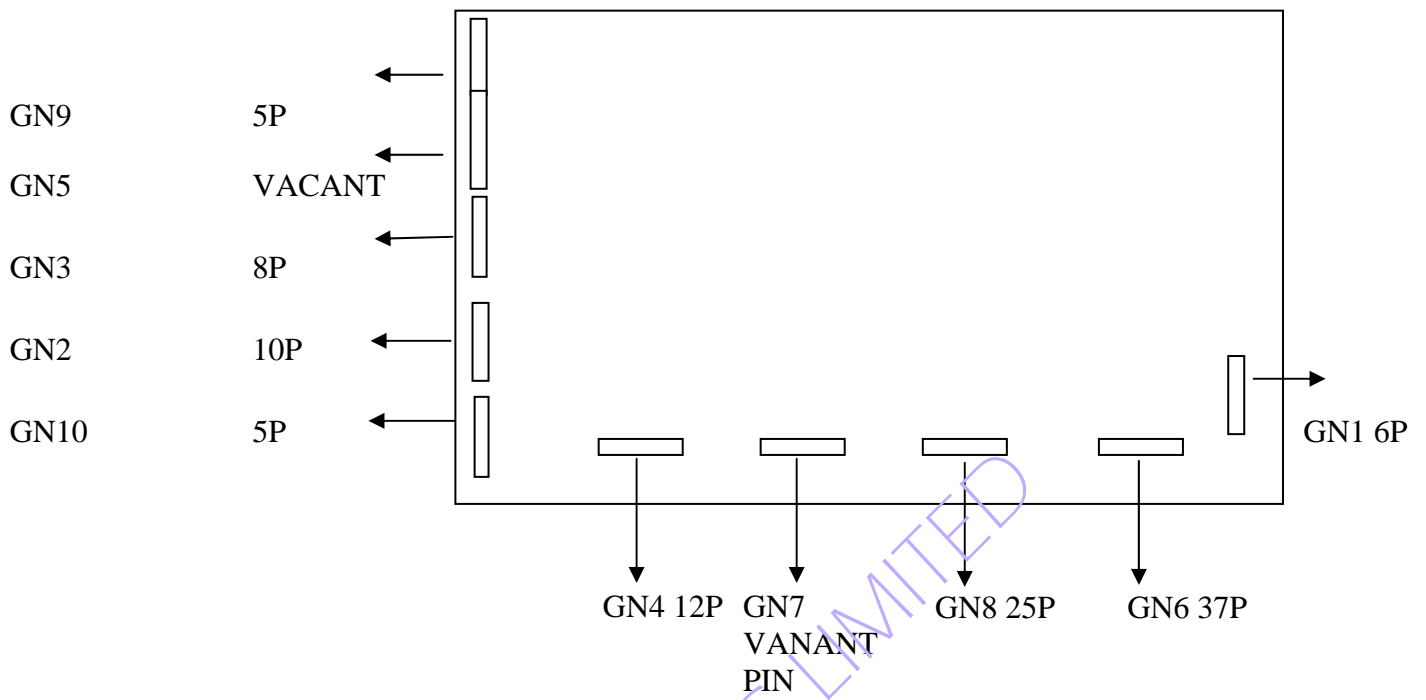
K3+K4: Reset (Reset Key in , Bonus)

K1+K4: Test Ball Tray

ERROR CODE

0 ----- COIN IN ERROR	6 ----- CIRCUIT BOARD MEMORY ERROR
1 ----- COIN OUT OR TICKET ERROR	7 ----- BALL TRAY PROBLEM
2 ----- UNBALANCED	8 -----BALL JUMP PROBLEM
3 ----- CREDIT,WIN....ERROR	9 -----OVER POINTS(ONLY CAN PRESS KEY IN)
4 ----- IN/OUT METER ERROR	10 ---- ENCRYPTED IC ERROR
5 ----- MEMORY ERROR	11 ----MOTOR OR CONTROL SYSTEM ERROR

WIRE DIAGRAM



CN1 MAIN BOARD

1.2 PIN RED	—————>	POWER SUPPLY
3.4 PIN BLACK	—————>	+5V
5.6 PIN YELLOW	—————>	GND
	—————>	+12V

GN2 MAIN BOARD

1 PIN BLACK	—————>	KEY IN SIGNAL
2 PIN BROWN	—————>	KEY OUT SIGNAL
3 PIN RED	—————>	COMMON POWER +12V
4 PIN	—————>	VACANT PIN
5 PIN WHITE	—————>	COIN IN SIGNAL
6 PIN BLACK	—————>	COIN IN GND WIRE
7 PIN GREEN	—————>	COIN-OUT COUNTING SIGNAL
8 PIN RED	—————>	+12V
9 PIN DOUBLE BLACK	—————>	COIN-OUT COUNTING GND WIRE
10 PIN WHITE	—————>	POWER SUPPLY SSR

CN3 MAIN BOARD

1 PIN BLACK	—————>	COIN-OUT, BET & START BUTTON
2 PIN BROWN	—————>	COMMON MICROSWITCH PIN
3 PIN RED	—————>	BET MICROSWITCH
4 PIN ORANGE	—————>	START MICROSWITCH
5 PIN	—————>	COIN-OUT MICROSWITCH
6 PIN	—————>	VACANT
7 PIN	—————>	VACANT
8 PIN	—————>	VACANT

CN4 MAIN BOARD

1 PIN	—————>	MICROSWITCH PORT
2 PIN	—————>	VACANT PIN
3 PIN	—————>	VACANT PIN
4 PIN	—————>	VACANT PIN
5 PIN	—————>	VACANT PIN
6 PIN BLUE	—————>	BALL UP AC MOTOR CONTROL SYSTEM
7 PIN PURPLE	—————>	BALL UP AC MOTOR CONTROL SYSTEM
8 PIN DOUBLE GRAY	—————>	TWO BALANCER (UP)
9 PIN DOUBLE WHITE	—————>	TWO BALANCER (DOWN)
10 PIN DOUBLE BLACK	—————>	KEY IN/OUT MICROSWITCH, COMMON GND WIRE
11 PIN RED	—————>	KEY OUT MICROSWITCH
12 PIN YELLOW	—————>	KEY IN MICROSWITCH

CN5 MAIN BOARD → VACANT PIN

CN6 MAIN BOARD → SENSOR BOARD
1-37 PIN → CN1 1-37 PIN

CN7 MAIN BOARD → VACANT PIN

CN8 MAIN BOARD → BONUS BOARD
1-25 PIN → CN1 1-25 PIN

CN9 MAIN BOARD
1 PIN BLACK → SPEAKER
2 PIN BROWN → SPEAKER
3 PIN RED → BALL UP AC MOTOR CONTROL CARD 12V
4 PIN ORANGE → BALL UP AC MOTOR CONTROL CARD SIGNAL
5 PIN → VACANT PIN

CN10 MAIN BOARD
1 PIN BLACK → AUDITING TESTING BOARD
2 PIN BROWN → K1, K2, K3, K4 COMMON PIN
3 PIN RED → K4 SIGNAL
4 PIN ORANGE → K3 SIGNAL
5 PIN YELLOW → K2 SIGNAL
 → K1 SIGNAL

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