

TREASURE VEGAS

(SUBSINO CASINO GAME – HIGH RESOLUTION SERIES)

Break into fashion and get ready for the next wave. Treasure Vegas definitely has a winning combination

This hot lucky 8 lines spins an initial 9 reels as traditional 8 liner game.



GAME PLAY

- Insert coin(s) or bill(s).
- Press [Bet] to bet one credit for one line and again for next line. The Bet should be in circle for 8 lines. Or, press [Max Bet] for max bet.
- Then press [Start] button to begin to spin. Press [Stop1], [Stop2], [Stop3] or [All Stop] to stop the reels.
- When you have any win combination, you win. And, press [Take Score], [Double Up], [Half Double] or [Re-Double]. If the Double-Up function is disabled, the system will take score automatically.
- If lost, press [Start] button for next game. Or, press [Hold1] or [Hold2] or [Hold3] (Column Hold mode)/ [Hold](Symbol Hold mode) to keep good combination and press [Start] again.
- Press [Help] to check the last result of game.



GAME FEATURES

- **CLOWN SYMBOL:** Clown is wild as joker to replace any symbols.
- **LUCKY CHANCE:** When "four corners" or "the middle of four sides" of nine reels have same symbols, the other reels will spin alone again.
- **TOUCAN FEVER:** You can earn big credits when you have three "Toucan symbol" on active line to enter Toucan Fever. In second screen, spin free to win standard odds and the prize for how many "Toucan". Hold on "Toucan" symbol and spin again for above prizes. Free play for 4 times.
- **LOTTO FEVER:** Win when two of "three bells on a line" crisscross at center, you'll receive 9 secret lottery Box triggers Lotto Fever. Shave the Bonus by you.
- **HOLD MODE:** Two modes to select in Setup for **Column Hold** and **Symbol Hold**.

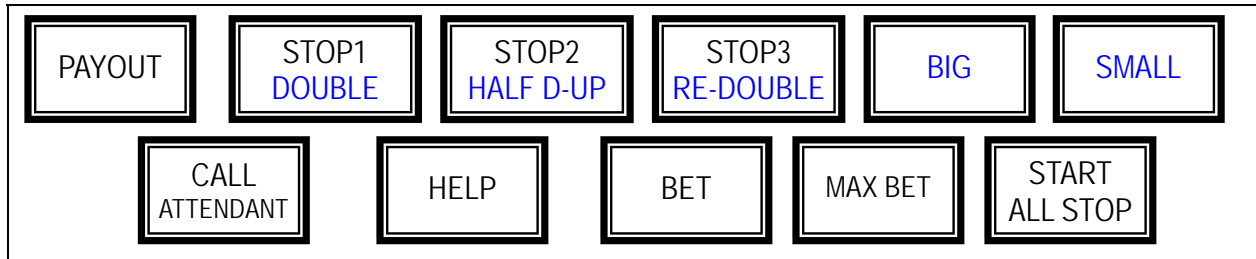


INSTALLATION

● MONITOR

- 1) Make sure the monitor has 31K mode or computer monitor. Don't connect "Red, Green, Blue, Sync" and using VGA connector.
- 2) Connect monitor connector to the monitor socket of Treasure Vegas main PCB (P1).

● CONTROL PANEL



Establish above buttons on the panel. Refer the page of Connector Diagram.

- ▶ **STOP1/ HOLD1 / SYMBOL HOLD/ DOUBLE, STOP2/ HOLD2/ HALF DOUBLE, STOP3/ HOLD3/ RE-DOUBLE**
(1) Stop or Hold the reels of the column. (2) Hold function at Symbol Hold Mode.
(2) Stop1, Stop2 and Stop3 for Double Up mode.
- ▶ **START/TAKE SCORE/ALL STOP**
(1) Start the game. (2) Take the score when winning. (3) Stop all reels.
- ▶ **HELP**
Check last game and game features before the player bets.

● MAIN PCB

- 1) Make sure you have powered-off game.
- 2) Mount the Treasure Vegas PCB on the cabinet.
- 3) Connect 36pin and 10 pin edge connector of the cabinet to Edge connectors (36pin & 10pin) of Treasure Vegas main PCB.

● POWER ON AND CHECK

- 1) After you do all of above, please power on the game. Check +5V DC on main PCB side. The voltage between +4.95 to 5.05V DC is good.
- 2) Press [Test/ Setup] on the cabinet to go to "Test/ Setup Mode". Refer Page 3 to 5 of "Test/ Setup Mode" to set each setting.
- 3) Also, check each function and movement in Test/ Setup Mode. (All buttons & lamps, TV size and color adjustment ... etc.)
- 4) Please refer to page 8 of "Troubleshooting" or "Error" if you have any problems or malfunctions.

TEST AND SETUP

If you need to check the condition of the game circuitry, controls or set system value, you can use the Test/ Setup Mode.

SYSTEM TEST/ SETUP

SCREEN TEST
SWITCH AND BUTTONS TEST
LAMP TEST
SOUND TEST
GAME SETUP

Power ON and Press [Test/ Setup] key will go to the mode, as right.

- Moving the bar by pressing [Stop1] button. After choosing one of the contents with the bar, press the [Small] button to enter.
- Press [Start] to exit and back to game mode of main screen. In the case, the value you adjusted would available instantly, which don't necessary to turn off the power.

1) SCREEN TEST


- Use this screen to check the color of monitor and the size of pictures.
- The color bands in the center should be Red, Green, Blue and White from left to right.
- The Cross Hatch test pattern has a white grid on a black background. The check as follows:
 - ▶ The grid line should be straight, and the lines should not have excessive pincushion or barrel distortion.
 - ▶ "Out" line of grid line is same size as "Out" line of game screen, which should able to be seen without overflow of grid lines on screen.
- If the screen does not match above description, adjust the monitor as described in the monitor's manual.
- Press the [Start] button to back main menu.

2) BUTTONS AND SWITCH TEST

Use this screen to check the buttons and the switch in this game.

- To check the functioning of each button and switch, activate it and watch the corresponding "OFF" letters change to "ON". If the "ON" and "OFF" letters don't appear correctly, check the hardness connections and switches.
- Press the [Start] button to back main menu.

| BUTTON/SWITCH TEST | |
|--------------------|-----------|
| (4A) STOP 1 | ----- OFF |
| (5A) STOP 2 | ----- OFF |
| (6A) STOP 3 | ----- OFF |
| (7A) BIG | ----- OFF |
| (9A) SMALL | ----- OFF |
| (10A) BET | ----- OFF |
| (11A) MAX. BET | --- OFF |
| | |
| (21A) PAYOUT | ----- OFF |
| (21B) KEYOUT | ----- OFF |
| (22B) HP COIN SW | OFF |



SW
ON
1 2 3 4 5 6 7 8

3) LAMP TEST

Use this screen to check the lamp of buttons in this game.

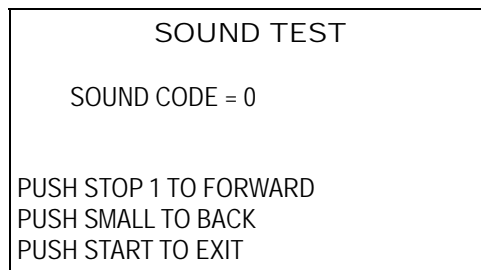
- To check the functioning of each lamp of button, press [Stop1] and watch the corresponding button change to lamp ON. Press again for next lamp of button. If the lamp doesn't light ON, check the hardness connections and lamps.
- BILL GND and COIN GND are to test the action, no lamp.
- Press the [Start] button to exit.

| LAMP TEST | |
|-----------|--------------|
| (29A) | --- STOP 1 |
| (30A) | --- STOP 2 |
| (31A) | --- STOP 3 |
| (32A) | --- BIG |
| (33A) | --- SMALL |
| (34A) | --- BILL GND |
| (29B) | --- BET |
| (30B) | --- MAX. BET |
| (31B) | --- START |
| (32B) | --- HELP |
| (34B) | --- COIN GND |

4) SOUND TEST

Use this screen to check all game sounds.

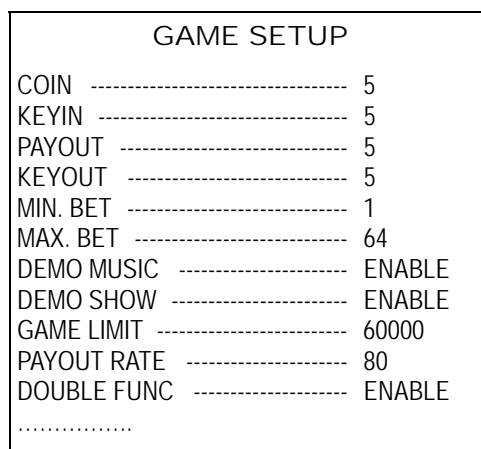
- Choice a sound by pressing the [Stop1] button (forward) or [Small] button (back), and the machine will make a sound.
- Press the [Start] button to back main menu.



5) GAME SETUP

The password is necessary before enter the screen of Game Setup. The default value is 111111 (six 1) and enable to change in same password screen.

Stop 1 button for 1 Stop 2 button for 2
 Stop 3 button for 3 Big button for 4
 Small button for 5



Use these screens to manually adjust the game setting.

- Moving the bar by pressing [Stop 1] button.
- After choosing one of the contents with the bar, select the setting style by pressing the [Small].
- Press the [Start] button to back main menu. In the case, the value you adjusted would available instantly, which don't necessary to turn off the power.

| Contents | Setting Selection (Underlined in setting selection are default settings) |
|---------------|--|
| COIN | 1, 2, <u>5</u> , 10, 20, 25, 50, 75, 100, 200, 300 |
| KEYIN | 1, 2, <u>5</u> , 10, 20, 25, 50, 75, 100, 200, 300 |
| PAYOUT | 1, 2, <u>5</u> , 10, 20, 25, 50, 75, 100, 200, 300 |
| KEYOUT | 1, 2, <u>5</u> , 10, 20, 25, 50, 75, 100, 200, 300 |
| MIN. BET | 1, <u>8</u> , 16, 24, 32, 40, 64, 80, 120 |
| MAX. BET | 8, 40, 64, 80, 120, 160, 200, 240, <u>280</u> |
| DEMO MUSIC | <u>ENABLE</u> , DISABLE |
| DEMO SHOW | <u>ENABLE</u> , DISABLE |
| GAME LIMIT | 5000, 10000, 20000, 30000, 40000, <u>60000</u> , 80000, 100000, 200000 |
| PAYOUT RATE | 60, 65, 70, <u>75</u> , 80, 85, 90 |
| DOUBLE FUNC. | <u>ENABLE</u> , DISABLE |
| DOUBLE LEVEL | <u>0 (EASY)</u> , 1, 2, 3, 4, 5, 6, 7(HARD) |
| DOUBLE LIMIT | 5000, 10000, 20000, <u>30000</u> , 40000, 50000 |
| PAY LIMIT | <u>300</u> , 400, 500, FREE |
| MAX. PRIZE | <u>ENABLE</u> , DISABLE |
| HOLD FUNC. | <u>ENABLE</u> , DISABLE |
| HOLD TYPE | <u>COLUMN</u> , SYMBOL |
| KEYOUT OVER | <u>ZERO</u> , REST |
| BILL TYPE | <u>N.C.</u> , N.O. |
| WIN RATE WAVE | BIG, <u>MIDDLE</u> , SMALL |
| RE-DOUBLE | <u>ENABLE</u> , DISABLE |
| HALF-DOUBLE | <u>ENABLE</u> , DISABLE |

- Coin: Adjust how many credits per insert coin.
- Keyin: Adjust how many credits per Keyin.
- Payout: Adjust how many credits per pay coin.
- Keyout: Adjust how many credits per Keyout.
- Min. Bet: Adjust Min bets for one play.
- Max. Bet: Adjust Max bets for one play.
- Demo Music: To enable or disable demo music.
- Demo Show: To enable or disable demo function.
- Game Limit: Adjust how many credits game can hold.
- Payout Rate: Adjust total payout % of game, which defined as Coin Out / Coin In.

The Payout Rate is calculated and defines as follows:

$$\text{Payout Rate} = \text{Coin Out} / \text{Coin In}$$

Since this is quite different from some games, which usually defined the win rate as “Total score won” divided by “Total score played” (Usually call Main Game Rate). You shouldn't set the win rate at the same value used in the games. In our experience, the ideal Win Rate is 70-80%.

Please don't RESET except necessary. Generally, to stabilize the rates, the game should operate a period (more long, more steady) for the balance. To zero by RESET, the value would recount from starting point.

- Double Func.: Play D-Up game when Main Game won. The play score in D-Up is winning score in main game.
- Double Level: Adjust the difficulty of Double.
- Double Limit: To limit the winning score in Double Up. The system will take the score automatically when winning score is over Double Limit.
- Pay Limit: Adjust max coins are paid, which to avoid the hopper empty.
- Max. Prize: To disable max prize - 9 Crown, is won.
- Hold Func.: To enable or disable hold function.
- Hold Mode: To change the hold mode for Column Hold or Symbol Hold.
- Keyout Over: Adjust Keyout should take to 0 (zero) or under one Keyout value (rest).
- Bill Type: For Bill Acceptor. N.C. - Normal close (low), N.O. – Normal Open (Hi).
- Win Rate Wave: The assignment of Rate. Big wave has more big prizes and focus more win or lose. Small wave has more small prizes and rate with more steady.
- Re-Double: The play score in Double Up is twice winning score in main game.
- Half Double: The play score in Double Up is a half of winning score in main game.
- There is only one function set on Dip Switch of board for

| DIP SWITCH | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|------------|--------------|---|-----------|---|---|---|---|---|---|
| DOOR OPEN | N.O. N.C. | | OFF ON | | | | | | |

BOOK

There are totally four pages for Book Records. Press [Book] button to enter Book screens. Press [Small] to enter next page and [Stop 1] for previous page. Press [Start] button to back normal game.

FIRST PAGE

| CURRENT RECORD | |
|----------------|--------|
| COIN | 0 |
| PAYOUT | 0 |
| KEYIN | 70900 |
| KEYOUT | 40265 |
| NET | 30635 |
| | |
| TOTAL TIMES | 8827 |
| TOTAL PLAYED | 215641 |
| TOTAL WON | 185006 |
| OUT 2.00 | |

The first page shows the records from last "check out" till now.

Total Times: Total played times.

Total Played: Total played score.

Total Won: Total won score.

"Check Out": To clear this page. Refer RESET function for how to clear.

OUT2.00 – Version number.

SECOND PAGE

| | SCORE | COUNTER |
|-------------|------------|-----------|
| COIN | 0 | 000000 |
| PAYOUT | 0 | 000000 |
| KEYIN | 70900 | 000770 |
| KEYOUT | 40265 | 000397 |
| NET | | 30636 |
| | | |
| | PLAYED | WON |
| TOTAL | 215641 | 185006 |
| MAIN | 215641 | 185006 |
| DOUBLE | 0 | 0 |
| | | |
| | PLAY TIMES | WIN TIMES |
| MAIN | 8927 | 4326 |
| DOUBLE | 0 | 0 |
| | | |
| POWER TIMES | | 1 |

The "Score" column of top form shows the score of Coin, Payout, Keyin and Keyout. The "Counter" column are "System Counters", which are unable to clear by anyway and don't affected by RESET to compare relatively with machine's counter for check out each time.

Total Played: Total played scores.

Total Won: Total won scores.

Main Played: Played scores in Main Game.

Main Won: Won scores in Main Game.

Main Play Times & Win Times: Played times & Win times in Main Game.

Double Play Times & Win Times: Played times & Win times in Double Up.

Power Times: The times of Power ON.

Please refer directly the third page for winning times of each prize.

RESET (Clear)

● **CLEAR ALL**

Turn off the power. Turn on [Book] and [Setup] key simultaneously, then turn on the power. (If [Book] or [Setup] make by the buttons, you should press without release.)

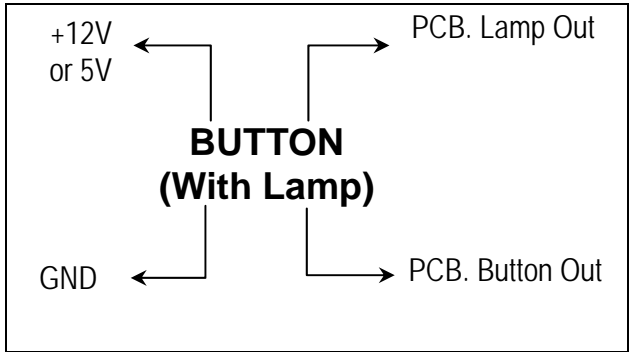
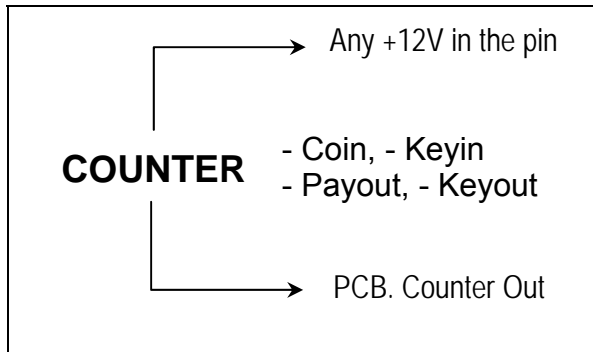
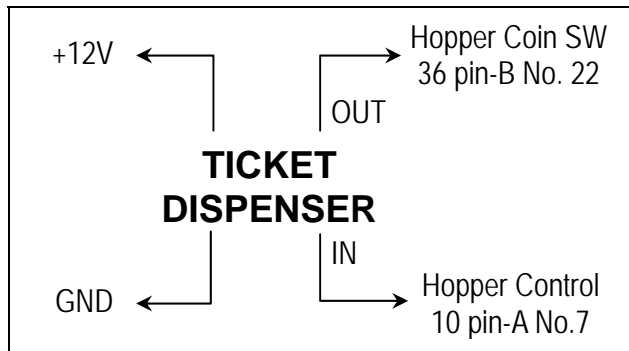
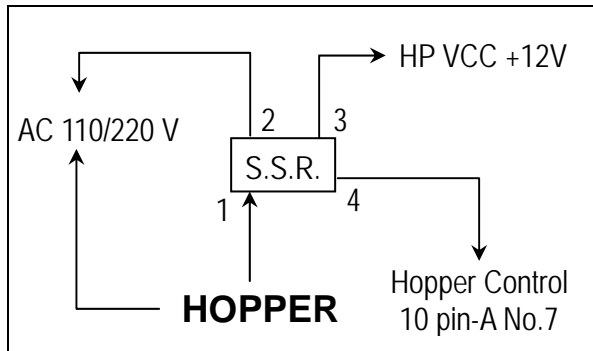
The screen will show "System Reset", which means all of Book data have cleared and game setup values have changed to default value. ("System Counters" in the second page of Book remain unchanged and cleared to zero.).

- ▶ RESET button on the board is unavailable in current version.
- ▶ You should do RESET if you change the Master Rom (Rom_1).
- ▶ Don't forget to do RESET after changed the Win Rate.

● **CLEAR CURRENT RECORD ONLY (CHECK OUT)**

Turn on [Book] Key (or press [Book] button) to enter first page of Book for Current Record. Press [Stop 2] and [Stop 3] button simultaneously to clear the data of this page. The total records (second page) for from initial operation remain unchanged by this function.

MACHINE PAYOUT



ERROR MESSAGE

| MESSAGE | DESCRIPTION |
|--------------|--|
| System Error | The system may a little confusion instantly. Please do Reset function. |
| Coin Jam | Power off. Remove the jammed coin from coin selector and power on again. For general error (without jam), press directly "Reset Error" button. |
| Hopper Jam | Power off. Remove the jammed coin from the hopper and power on again. For general error (without jam), press directly "Reset Error" button. |
| Hopper Empty | Hopper without Coins/Tokens. Please power OFF and insert Coins/Tokens then power ON again. |

TROUBLESHOOTING

| SITUATION | FIX |
|---|--|
| Coin Error | Check coin switch, coin selector and wire wrong. |
| No sound | <ul style="list-style-type: none"> ● Check the wire of "Speaker(-)" on the cabinet side. "The "Speaker(-)" line needs to be wired separately to common GND line. ● Check "Volume control" on board whether close or not. |
| The counter doesn't work | Check the +12V DC (or +5V DC) line of the counter wire. The wires sometimes are not linked together 10 pin edge connector side of hardness. Please re-wire. |
| Malfunction of the button, switch and lamps | Check the GND wire. The button, Switch GND has to wire with common GND. Or, check micro switch of button is too old or dirty and the lamp whether out of order. |
| Coin or Keyin with wrong value | <ul style="list-style-type: none"> ● Check Coin and Keyin wire. Keyin SW port may wired to Coin SW or Bill Acceptor and so on. Please re-wire to correct port. ● Check Game Setup. |
| Test/ Setup unavailable | Check connection of GND wire between "Test/ Setup" line and common GND line. The GND wire needs to connect with other common GND line. |
| The Monitor unregulated or Wavy | Adjust the brightness, size and so on as described in the monitor's manual. |

CONNECTOR DIAGRAM

Treasure Vegas (Standard)

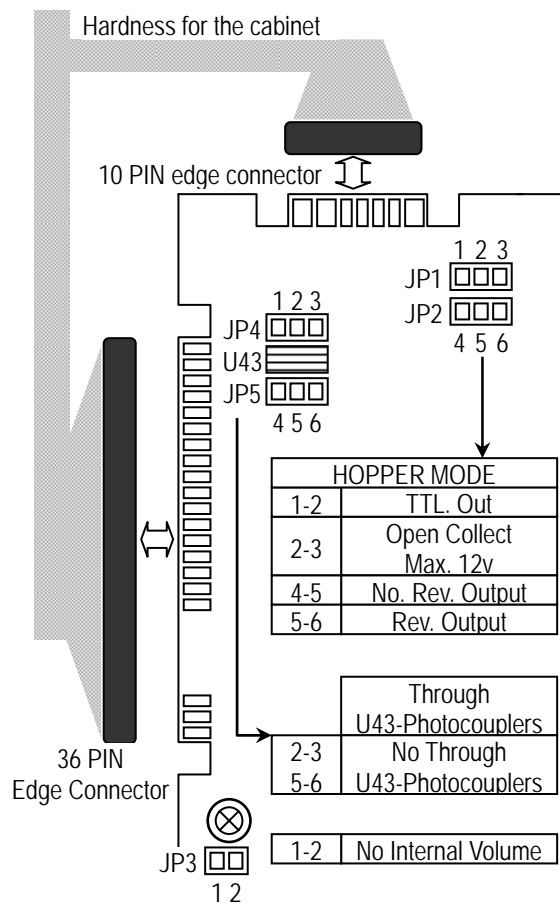
| COMPONENT SIDE A | 36 PIN | SOLDER SIDE B |
|------------------|--------|----------------|
| | 1 | |
| | 2 | |
| Speaker | 3 | Speaker GND |
| Stop1/ Double | 4 | |
| Stop2/ Half D-Up | 5 | |
| Stop3/ Re-Double | 6 | |
| Big | 7 | |
| | 8 | |
| Small | 9 | |
| Bet | 10 | |
| Max. Bet | 11 | |
| Attendant | 12 | |
| Start | 13 | |
| Help | 14 | |
| Bill | 15 | |
| Reset Error | 16 | |
| | 17 | |
| Coin | 18 | Keyin |
| Door Alarm | 19 | |
| Book | 20 | Test/ Setup SW |
| Payout | 21 | Keyout SW |
| | 22 | Hopper SW |
| Coin Counter | 23 | Attendant Lamp |
| Keyin Counter | 24 | |
| | 25 | |
| | 26 | |
| Payout Counter | 27 | |
| Keyout Counter | 28 | |
| Stop1 Lamp | 29 | Bet Lamp |
| Stop2 Lamp | 30 | Max Bet Lamp |
| Stop3 Lamp | 31 | Start Lamp |
| Big Lamp | 32 | Help Lamp |
| Small Lamp | 33 | Payout Lamp |
| Bill GND | 34 | Coin GND |
| | 35 | |
| GND | 36 | GND |

| COMPONENT SIDE A | 10 PIN | SOLDER SIDE B |
|--------------------|--------|-----------------------|
| GND | 1 | GND |
| GND | 2 | GND |
| + 5V | 3 | + 5V |
| + 5V | 4 | + 5V |
| + 12V | 5 | + 12V |
| | 6 | |
| (2) Hopper Control | 7 | HP VCC ⁽³⁾ |
| | 8 | |
| GND | 9 | GND |
| GND | 10 | GND |

(1) HP Coin SW: Out signal for Hopper

(2) HP Control: In signal for Hopper

(3) HP VCC - (DC+12V)



► Reset Error button: To correct instantly “Coin Error”, “Coin Jam” and “Hopper Jam” etc.