
BORDEN
TECHNOLOGY CORPORATION
Beanstalk
Display mode : XVGA



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WIRING DIAGRAM

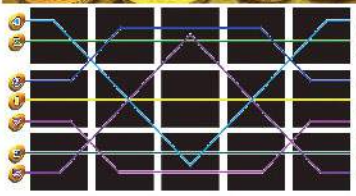
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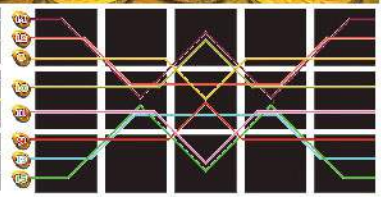


INTRODUCTION

- Beanstalk is a fabulous 5-reel 15-line game.
- Select to bet on 1 line, 3 lines, 5 lines, 7 lines, 9 lines, 11 lines, 13 lines or 15 lines by pressing the [Line] button or [Line] image on the screen.
- Press [Play] to increase the bet or press [Max Bet] to maximize the bet (Touch Panel use only) on the selected lines.
- Press [Start] to spin the reels then press [Stop1]~[Stop5] or [All Stop] or wait for the reels to stop automatically.
- Player wins if three or more same symbols link one another along the left to the right side on a selected line.
- Press [Take Win] to continue the main game or press [Double] to enter the double-up game.
- Press [Auto] to turn on or off the auto play mode. However, if the credit points are not enough, the auto play mode is disabled.(Touch Panel use only)









SPECIAL SYMBOL

The wild symbol 

can substitute for any other symbols except  and 

.

If three or more  appear from the most left side to the right of the selected line, the player can enter BONUS GAMES.



You'll get score = [TOTAL PLAY] x 2



Free Game x 15 times



Free Game x 50 times



Free Game x 99 times

DOUBLE-UP GAME

DOUBLE-UP GAME Tossing the Coins



Guess which side of the coin that giant tosses, the "Red Sun" or the "Blue Moon"? If player wins the toss, the winning credits will be doubled.

ENTER BONUS GAME



There are three options for BONUS GAME; you may choose any one of the doors to enter different bouns game.

BONUS GAME

BONUS GAME I　Hiding in the Stove



Pick up one golden egg, then chooses one of the five stoves to hide himself. Game will continue until he chooes the stove with fire and gets burnt.

BONUS GAME

BONUS GAME II　Copping the treasure



Choose one of the 3 treasure boxes and get different bouns until time is up.

BONUS GAME III　Stealing the Magic Harp



Open 7 bonus bags one after one until the harp that crying out 「HELP」 is found.
Press [STOP1] to select, and press [START] to open the bag.



Error Message Removal

Please remove the advised messages by following direction:

Messages	Way to Remove the Message
COIN JAM	Press RECORD button to clear the error message . Check coin acceptor and solve the problem.
CREDIT LIMIT	Reset the Credit Limit range in the SET UP page . OR Press KEYOUT button to clear the error message.
HOPPER ERROR	Press KEYOUT button to clear the error message. Check Hopper and solve the problem

◎Before pressing KEYOUT button to clear the error message,please remember to record the original credit first.

TEST/SET UP

Press [SET UP] button when power is ON to enter TEST/SET UP screen:

TEST/SET UP

1.SET UP RECORD
2.IN/OUT SET UP
3.FUNCTION SET UP
4.PASSWORD SET UP
5.RELOAD DEFAULT
6.EVENT RECORD
7.TEST
8.TOUCH PANEL
9.CLEAR THE RECORD

【STOP1】:MOVE UP 【STOP2】:MOVE DOWN 【STOP5】:ENTER 【START】 :EXIT





SYSTEM SET UP

TEST/SET UP

1.SET UP RECORD

THE LAST TIME TO RELOAD DEFAULT
THE LAST TIME TO CHANGE IN/OUT SET UP
THE LAST TIME TO CHANGE RATE SET UP
THE LAST TIME TO CHANGE FUNCTION SET UP
THE LAST TIME TO TURN ON
THE LAST TIME TO CLEAR THE CURRENT RECORD
THE LAST TIME TO CLEAR THE RECORD

【START】: EXIT

★2.IN/OUT SET UP

COIN
COIN RATE : 1000、500、250、200、100、80、75、60、50、40、30、25、20、15、10、5、4、2、1、OFF

NOTE
NOTE RATE:1000、500、250、200、100、80、75、60、50、40、30、25、20、15、10、5、4、2、1、OFF

CLEAR
CLEAR RATE: 1000、500、250、200、100、80、75、60、50、40、30、25、20、15、10、5、4、2、1、OFF

PAY OUT
PAY OUT RATE: 1000、500、250、200、100、80、75、60、50、40、30、25、20、15、10、5、4、2、1、OFF

HOPPER SWITCH
HOPPER SWITCH: NO、NC

PAY OUT OPTION
PAY OUT OPTION: TICKET DISPENSOR、HOPPER

AUTO TICKET : ON/OFF
GAME TICKET ; CONTINUOUS,1、2、3、4、5、8、10

【STOP1】: MOVE UP 【STOP2】: MOVE DOWN 【STOP3】: + 【STOP4】: - 【START】: EXIT

★ TO ENTER THE PAGE, A PASSWORD IS NEEDED.
◎ INCORRECT PASSWORD FOR THREE TIMES CONSTANTLY, PLEASE WAIT FOR 30 MINUTES TO ENTER ANOTHER PASSWORD.



★3.FUNCTION SET UP

GAME RATE : 1、2、3、4、5、6、7、8

DOUBLE UP RATE : 1、2、3、4、5、6、7、8

MAX PLAY — THE RATE INFLUENCES CREDIT LIMIT、MINI PLAY、PLAY PER LINE、DOUBLE-UP GAME.

MAX PLAY : 450、360、270、180、90、45

CREDIT LIMIT — WHEN EXCEEDS THE CREDIT LIMIT RATE ,WILL SHOW THE 『CREDIT LIMIT』 MESSAGE.

WHEN THE MAX PLAY IS 450,THE NUMERICAL : NO RESTRICTION、2000000、1000000、500000
WHEN THE MAX PLAY IS 360,THE NUMERICAL : NO RESTRICTION、1600000、800000、400000
WHEN THE MAX PLAY IS 270,THE NUMERICAL : NO RESTRICTION、1200000、600000、300000
WHEN THE MAX PLAY IS 180,THE NUMERICAL : NO RESTRICTION、800000、400000、200000
WHEN THE MAX PLAY IS 90,THE NUMERICAL : NO RESTRICTION、400000、200000、100000
WHEN THE MAX PLAY IS 45,THE NUMERICAL : NO RESTRICTION、200000、100000、50000

MINI PLAY

X1 AND X9

PLAY PER LINE

WHEN THE MAX PLAY IS 450,THE NUMERICAL : 10、5
WHEN THE MAX PLAY IS 360,THE NUMERICAL : 10、5
WHEN THE MAX PLAY IS 270,THE NUMERICAL : 10、5、3
WHEN THE MAX PLAY IS 180,THE NUMERICAL : 10、5、2
WHEN THE MAX PLAY IS 90,THE NUMERICAL : 5、2、1
WHEN THE MAX PLAY IS 45,THE NUMERICAL : 2、1

SPIN OPTION : NON STOP、AUTO STOP

GAME COUNT : ON / OFF

DOUBLE UP : ON / OFF

DIRECT DOUBLE UP : ON / OFF

DOUBLE UP LIMIT — WHEN WINS EXCEED THE DOUBLE UP LIMIT,THE ENTRY OF THE DOUBLE UP GAME IS DISABLED.

WHEN THE MAX PLAY IS 450,THE NUMERICAL : NO RESTRICTION、100000、50000
WHEN THE MAX PLAY IS 360,THE NUMERICAL : NO RESTRICTION、80000、40000
WHEN THE MAX PLAY IS 270,THE NUMERICAL : NO RESTRICTION、60000、30000
WHEN THE MAX PLAY IS 180,THE NUMERICAL : NO RESTRICTION、40000、20000
WHEN THE MAX PLAY IS 90,THE NUMERICAL : NO RESTRICTION、20000、10000
WHEN THE MAX PLAY IS 45,THE NUMERICAL : NO RESTRICTION、10000、5000

DEMO MUSIC
COIN
NOTE IN — THE SAME WITH IN/OUT SET UP
SCORE BOX : ON/OFF/10X
PLAY SCORE : ON/OFF
TIME SET UP
VOLUME ADJUSTMENT

【STOP1】: MOVE UP【STOP2】: MOVE DOWN【STOP3】: +【STOP4】: -【START】: EXIT

★ TO ENTER THE PAGE, A PASSWORD IS NEEDED.
◎ INCORRECT PASSWORD FOR THREE TIMES CONSTANTLY, PLEASE WAIT FOR 30 MINUTES TO ENTER ANOTHER PASSWORD.



*4.PASSWORD SET UP

ADMINISTRATOR PASSWORD
CHANGE THE ADMINISTRATOR PASSWORD
USER PASSWORD
CHANGE THE USER PASSWORD
PASSWORD TO SPECIAL PAGE : ON / OFF
DEFAULT ADMINISTRATOR PASSWORD:1111
DEFAULT USER PASSWORD:1212

STOP1 :1 **STOP2** :2 **STOP3** :3 **STOP4** :4 **START** : **CANCEL**

【STOP1】: MOVE UP【STOP2】: MOVE DOWN【STOP3】: OFF【STOP4】: ON【STOP5】: ENTER【START】: EXIT

*5.RELOAD DEFAULT

IF YOU WANT TO RELOAD DEFAULT ,PLEASE PRESS BOTH STOP5 AND INFO TOGETHER, AND HOLD FOR 5 SECONDS.

●ATTENTION ! AFTER RELOAD DEFAULT,THE MACHINE WILL RETURN TO THE ORIGINAL SET UP !

6.EVENT RECORD

TOTAL EVENT RECORD	▶ LAST 256 TIMES RECORD
IN/OUT METER EVENT RECORD	▶ KEYIN , KEYOUT AND PAYOUT RECORD
GRAND PRIZES RECORD	▶ ALL PRIZES RECORD

【STOP1】 : LAST PAGE【STOP2】 : NEXT PAGE 【START】: EXIT

7.TEST

BUTTON TEST

PRESS TO CHECK IF EACH BUTTON IS ON AND MARK ☑

COIN	STOP1 /LINE/RED
STOP2/DOUBLE	STOP3/HELP/BLUE
STOP4	STOP5/PLAY
NOTE	START/TAKE WIN/ALL STOP
CLEAR	RECORD
SET UP	PAY OUT
TICKET OUT	TICKET NOTCH
HOPPER SW	

【START+HELP】: EXIT

MUSIC TEST ADJUSTMENT SOUND TRACK 1 SOUND TRACK 2 SOUND TRACK 3 SOUND TRACK 4
PRESS **STOP5** TO TEST THE SOUND.

【STOP1】 : MOVE UP 【STOP2】: MOVE DOWN 【START】: EXIT

PICTURES TEST PRESS **STOP5** TO CONTINUE OR STOP THE TEST

8.TOUCH PANEL

POR FAVOR PRESIONE SIGNO DE FLASHING HASTA APARECE SUCESO!

★ TO ENTER THE PAGE, A PASSWORD IS NEEDED.
◎ INCORRECT PASSWORD FOR THREE TIMES CONSTANTLY, PLEASE WAIT FOR 30 MINUTES TO ENTER ANOTHER PASSWORD.



SYSTEM SET UP>>RECORD

Press the [RECORD] button when the power is ON to enter RECORD screen:

RECORD 1

GAME RECORD

TOTAL RECORD	CURRENT
POWER ON	
COIN IN	
PAYOUT	
NOTE IN	
CLEAR	

MAIN GAME	CURRENT
TOTAL PLAY	
TOTAL WIN	
GAME TIMES	
WIN TIMES	
BONUS	
FREE GAME	

STOP1 (LAST PAGE) STOP2 (NEXT PAGE) START (EXIT) INFO (CLEAR THE LAST RECORD)

RECORD 2

GAME RECORD

DOUBLE UP	CURRENT
PLAY	
WIN	
GAME TIMES	
WIN TIMES	

BONUS GAME I	CURRENT
ENTER TIMES	
PLAY TIMES	
WIN	

BONUS GAME II	CURRENT
ENTER TIMES	
PLAY TIMES	
WIN	

BONUS GAME III	CURRENT
ENTER TIMES	
PLAY TIMES	
WIN	

STOP1 (LAST PAGE) STOP2 (NEXT PAGE) START (EXIT) INFO (CLEAR THE LAST RECORD)

RECORD 3

Game Record

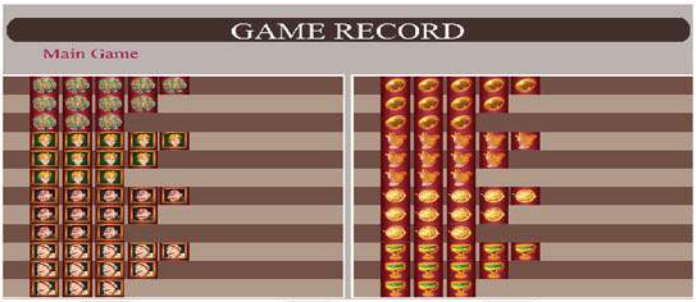
FREE GAME	CURRENT
ENTER TIMES	
PLAY TIMES	
WIN	

STOP1 (LAST PAGE) STOP2 (NEXT PAGE) START (EXIT)
INFO (CLEAR THE LAST RECORD)



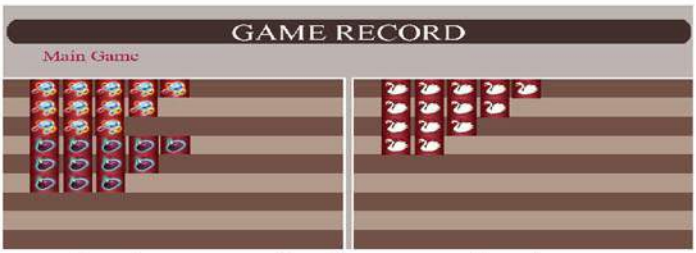
SYSTEM SET UP

RECORD 4



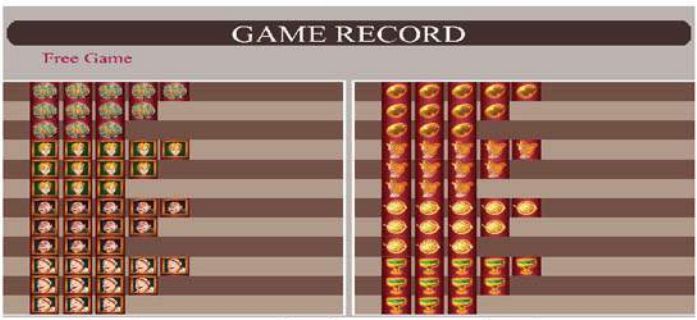
STOP1 (LAST PAGE) STOP2 (NEXT PAGE) START (EXIT)

RECORD 5



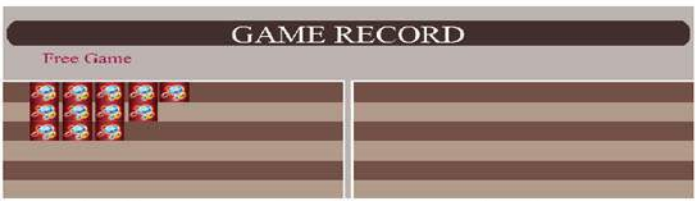
STOP1 (LAST PAGE) STOP2 (NEXT PAGE) START (EXIT)

RECORD 6



STOP1 (LAST PAGE) STOP2 (NEXT PAGE) START (EXIT)

RECORD 7



STOP1 (LAST PAGE) STOP2 (NEXT PAGE) START (EXIT)



WIRING DIAGRAM AND CONTROL PANEL

COMPONENT SIDE	36PIN	SOLDER SIDE
	1	
	2	
AUDIO OUT	3	AUDIO GND
	4	
	5	
	6	
TICKET OUT SW	7	
TICKET NOTCH SW	8	
ALL STOP/START/TAKE WIN SW	9	
STOP 3 /HELP/BLUE SW	10	
STOP5 / PLAY SW	11	
STOP 4 / SW	12	
STOP 2 / DOUBLE SW	13	
	14	
	15	
STOP 1 / LINE / RED SW	16	
	17	
COIN IN	18	NOTE IN
	19	
ACCOUNT SW	20	SETUP/TEST BUTTON
PAY OUT BUTTON	21	CLEAR SW
	22	HOPPER SW
COIN IN METER	23	
NOTE IN METER	24	HOPPER MOTOR
	25	
	26	
PAY OUT METER	27	
CLEAR/TICKET METER	28	
ALL STOP/START/TAKE WIN LAMP	29	
STOP 3 / HELP/ BLUE	30	
STOP5 / PLAY LAMP	31	
STOP 4 / LAMP	32	
STOP 2 / DOUBLE LAMP	33	
STOP 1 / LINE / RED LAMP	34	
	35	
GND	36	GND

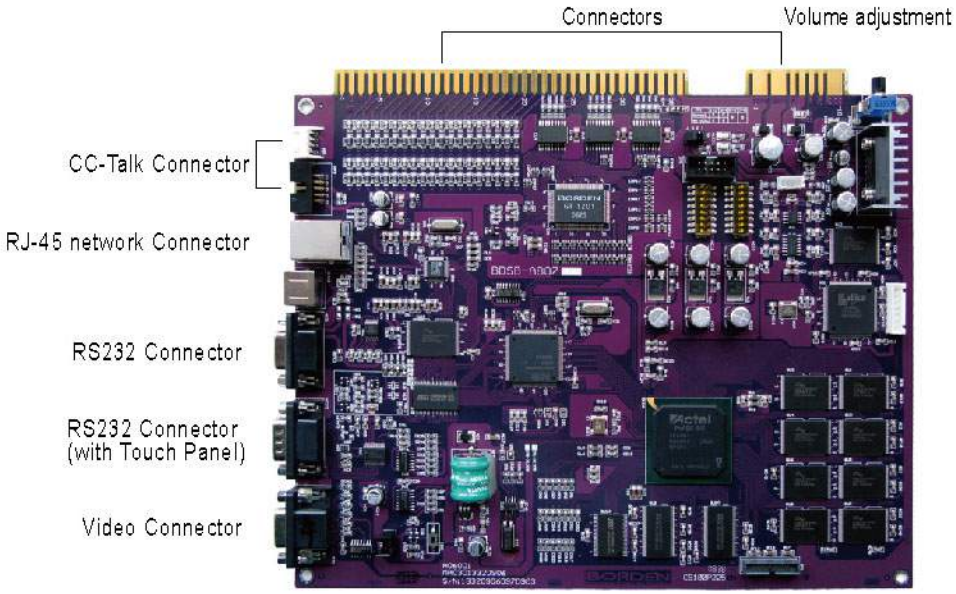
WIRING DIAGRAM AND CONTROL PANEL

COMPONENT SIDE	10PIN	SOLDER SIDE
GND	1	GND
GND	2	GND
5V	3	5V
5V	4	5V
12V	5	12V
NC	6	NC
TICKET DISPENSER OUT	7	TICKET DISPENSER OUT
NC	8	NC
GND	9	GND
GND	10	GND

CONTROL PANEL



WIRING DIAGRAM AND CONTROL PANEL

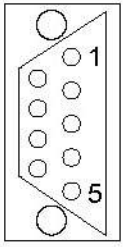


RS232 Connector Pin Diagram

Pin 1	N.C.
Pin 2	RX
Pin 3	TX
Pin 4	N.C.
Pin 5	GND
Pin 6	N.C.
Pin 7	N.C.
Pin 8	N.C.
Pin 9	N.C.

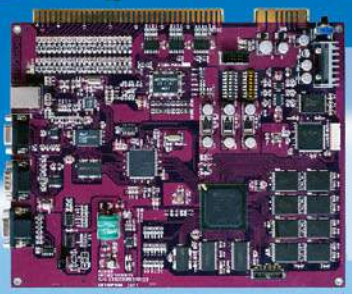
★N.C. : No Connection

Connector DB9 male
(Front View)





Beanstalk



Display mode : XVGA
Resolution : 1024X768
Formats : 4:3
Vertical Scan Freq : 60Hz
Horizontal Scan Freq : 48kHz

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