### 5 BALLS

### 

PER GAME

###### 1 QUARTER – 1 PLAY

###### 482J-1-SS

**For Amusement**

**Only**

One To Four  
Players

CONTACT

### 3 BALLS

### 

PER GAME

###### 1 QUARTER – 1 PLAY

###### 482J-2-SS

**For Amusement**

**Only**

One To Four  
Players

CONTACT

• Insert Coins To increase Credit Total As Shown On Back Glass.

• Press Credit Button To Set Up 1 To 4 Players.

• Each Player Shoots One Ball At A Time As Indicated On Back Glass.

• Tilt Penalty - Ball In Play - Does Not Disqualify Player.

• Making C-O-N-T-A-C-T Lites Stars 1 To 5.

• Making # 3 Or # 5 Stars Lites Top Left Rollover Lane For Extra Ball.

• Making # 4 Star Lites Two Bottom Out Rollover Lanes, Alternately,  
 For Special.

• Special Scores \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1 CREDIT.

• Beating "Highest Scores" SCORES 3 CREDITS.

• Matching Last Two Numbers On Score To Match Number That Appear  
 On Back Glass After Game Is Over Scores \_\_\_\_\_\_\_\_\_\_\_\_\_ 1 CREDIT.

## INSTRUCTIONS

###### 482J-3-SS

• Insert Coins To increase Credit Total As Shown On Back Glass.

• Press Credit Button To Set Up 1 To 4 Players.

• Each Player Shoots One Ball At A Time As Indicated On Back Glass.

• Tilt Penalty - Ball In Play - Does Not Disqualify Player.

• Making C-O-N-T-A-C-T Lites Stars 1 To 5.

• Making # 3 Or # 5 Stars Lites Top Left Rollover Lane For Extra Ball.

• Making # 4 Star Lites Two Bottom Out Rollover Lanes, Alternately,  
 For Special.

• Special Scores \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1 CREDIT.

## INSTRUCTIONS

###### 482J-4-SS

• Insert Coins To increase Credit Total As Shown On Back Glass.

• Press Credit Button To Set Up 1 To 4 Players.

• Each Player Shoots One Ball At A Time As Indicated On Back Glass.

• Tilt Penalty - Ball In Play - Does Not Disqualify Player.

• Making C-O-N-T-A-C-T Lites Stars 1 To 5.

• Making # 3 Or # 5 Stars Lites Top Left Rollover Lane For\_\_1 EXTRA BALL.

• Making # 4 Star Lites Two Bottom Out Rollover Lanes, Alternately,  
 For Special.

• Special Scores \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1 EXTRA BALL.

## INSTRUCTIONS

###### 482J-5-SS

• Insert Coins To increase Credit Total As Shown On Back Glass.

• Press Credit Button To Set Up 1 To 4 Players.

• Each Player Shoots One Ball At A Time As Indicated On Back Glass.

• Tilt Penalty - Ball In Play - Does Not Disqualify Player.

• Making C-O-N-T-A-C-T Lites Stars 1 To 5.

• Making # 4 Star Lites Two Bottom Out Rollover Lanes, Alternately,  
 For Special.

• Special Scores \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 50,000 POINTS.

## INSTRUCTIONS

###### 482J-6-SS

###### 160,000 SCORES 1 CREDIT

###### 360,000 SCORES 1 CREDIT

###### 482J-7-SS

###### 170,000 SCORES 1 CREDIT

###### 350,000 SCORES 1 CREDIT

###### 482J-9-SS

###### 180,000 SCORES 1 CREDIT

###### 370,000 SCORES 1 CREDIT

###### 482J-11-SS

###### 190,000 SCORES 1 CREDIT

###### 390,000 SCORES 1 CREDIT

###### 482J-13-SS

###### 200,000 SCORES 1 CREDIT

###### 400,000 SCORES 1 CREDIT

###### 482J-15-SS

###### 210,000 SCORES 1 CREDIT

###### 410,000 SCORES 1 CREDIT

###### 482J-17-SS

###### 220,000 SCORES 1 CREDIT

###### 420,000 SCORES 1 CREDIT

###### 482J-19-SS

###### \_\_\_\_\_\_\_ SCORES 1 CREDIT

###### \_\_\_\_\_\_\_ SCORES 1 CREDIT

###### 482J-21-SS

###### 170,000 SCORES 1 CREDIT

###### 270,000 SCORES 1 CREDIT

###### 380,000 SCORES 1 CREDIT

###### 482J-23-SS

###### 180,000 SCORES 1 CREDIT

###### 290,000 SCORES 1 CREDIT

###### 390,000 SCORES 1 CREDIT

###### 482J-25-SS

###### 160,000 SCORES 1 CREDIT

###### 350,000 SCORES 1 CREDIT

###### 482J-8-SS

###### 170,000 SCORES 1 CREDIT

###### 370,000 SCORES 1 CREDIT

###### 482J-10-SS

###### 180,000 SCORES 1 CREDIT

###### 390,000 SCORES 1 CREDIT

###### 482J-12-SS

###### 190,000 SCORES 1 CREDIT

###### 400,000 SCORES 1 CREDIT

###### 482J-14-SS

###### 200,000 SCORES 1 CREDIT

###### 410,000 SCORES 1 CREDIT

###### 482J-16-SS

###### 210,000 SCORES 1 CREDIT

###### 420,000 SCORES 1 CREDIT

###### 482J-18-SS

###### 220,000 SCORES 1 CREDIT

###### 430,000 SCORES 1 CREDIT

###### 482J-20-SS

###### \_\_\_\_\_\_\_ SCORES 1 CREDIT

###### \_\_\_\_\_\_\_ SCORES 1 CREDIT

###### 482J-22-SS

###### 180,000 SCORES 1 CREDIT

###### 280,000 SCORES 1 CREDIT

###### 380,000 SCORES 1 CREDIT

###### 482J-24-SS

###### 190,000 SCORES 1 CREDIT

###### 300,000 SCORES 1 CREDIT

###### 400,000 SCORES 1 CREDIT

###### 482J-26-SS

###### 190,000 SCORES 1 CREDIT

###### 310,000 SCORES 1 CREDIT

###### 410,000 SCORES 1 CREDIT

###### 482J-27-SS

###### 200,000 SCORES 1 CREDIT

###### 330,000 SCORES 1 CREDIT

###### 430,000 SCORES 1 CREDIT

###### 482J-29-SS

###### 210,000 SCORES 1 CREDIT

###### 350,000 SCORES 1 CREDIT

###### 450,000 SCORES 1 CREDIT

###### 482J-31-SS

###### 220,000 SCORES 1 CREDIT

###### 370,000 SCORES 1 CREDIT

###### 470,000 SCORES 1 CREDIT

###### 482J-33-SS

###### 230,000 SCORES 1 CREDIT

###### 390,000 SCORES 1 CREDIT

###### 500,000 SCORES 1 CREDIT

###### 482J-35-SS

###### 240,000 SCORES 1 CREDIT

###### 450,000 SCORES 1 CREDIT

###### 482J-37-SS

###### 260,000 SCORES 1 CREDIT

###### 450,000 SCORES 1 CREDIT

###### 482J-39-SS

###### 280,000 SCORES 1 CREDIT

###### 470,000 SCORES 1 CREDIT

###### 482J-41-SS

###### 300,000 SCORES 1 CREDIT

###### 480,000 SCORES 1 CREDIT

###### 482J-43-SS

###### 320,000 SCORES 1 CREDIT

###### 490,000 SCORES 1 CREDIT

###### 482J-45-SS

###### 200,000 SCORES 1 CREDIT

###### 320,000 SCORES 1 CREDIT

###### 420,000 SCORES 1 CREDIT

###### 482J-28-SS

###### 210,000 SCORES 1 CREDIT

###### 340,000 SCORES 1 CREDIT

###### 440,000 SCORES 1 CREDIT

###### 482J-30-SS

###### 220,000 SCORES 1 CREDIT

###### 360,000 SCORES 1 CREDIT

###### 460,000 SCORES 1 CREDIT

###### 482J-32-SS

###### 230,000 SCORES 1 CREDIT

###### 380,000 SCORES 1 CREDIT

###### 480,000 SCORES 1 CREDIT

###### 482J-34-SS

###### \_\_\_\_\_\_\_ SCORES 1 CREDIT

###### \_\_\_\_\_\_\_ SCORES 1 CREDIT

###### \_\_\_\_\_\_\_ SCORES 1 CREDIT

###### 482J-36-SS

###### 250,000 SCORES 1 CREDIT

###### 450,000 SCORES 1 CREDIT

###### 482J-38-SS

###### 270,000 SCORES 1 CREDIT

###### 460,000 SCORES 1 CREDIT

###### 482J-40-SS

###### 290,000 SCORES 1 CREDIT

###### 470,000 SCORES 1 CREDIT

###### 482J-42-SS

###### 310,000 SCORES 1 CREDIT

###### 480,000 SCORES 1 CREDIT

###### 482J-44-SS

###### 330,000 SCORES 1 CREDIT

###### 490,000 SCORES 1 CREDIT

###### 482J-46-SS

###### 340,000 SCORES 1 CREDIT

###### 500,000 SCORES 1 CREDIT

###### 482J-47-SS

###### 360,000 SCORES 1 CREDIT

###### 510,000 SCORES 1 CREDIT

###### 482J-49-SS

###### 380,000 SCORES 1 CREDIT

###### 520,000 SCORES 1 CREDIT

###### 482J-51-SS

###### 390,000 SCORES 1 CREDIT

###### 550,000 SCORES 1 CREDIT

###### 482J-53-SS

###### 410,000 SCORES 1 CREDIT

###### 600,000 SCORES 1 CREDIT

###### 482J-55-SS

###### \_\_\_\_\_\_\_ SCORES 1 CREDIT

###### \_\_\_\_\_\_\_ SCORES 1 CREDIT

###### 482J-57-SS

###### 170,000 SCORES 1 EXTRA BALL

###### 482J-59-SS

###### 200,000 SCORES 1 EXTRA BALL

###### 482J-61-SS

###### 420,000 SCORES 1 EXTRA BALL

###### 482J-63-SS

###### 170,000 SCORES 1 EXTRA BALL

###### 300,000 SCORES 1 EXTRA BALL

###### 482J-65-SS

###### 350,000 SCORES 1 CREDIT

###### 500,000 SCORES 1 CREDIT

###### 482J-48-SS

###### 370,000 SCORES 1 CREDIT

###### 510,000 SCORES 1 CREDIT

###### 482J-50-SS

###### 390,000 SCORES 1 CREDIT

###### 520,000 SCORES 1 CREDIT

###### 482J-52-SS

###### 430,000 SCORES 1 CREDIT

###### 600,000 SCORES 1 CREDIT

###### 482J-54-SS

###### 450,000 SCORES 1 CREDIT

###### 700,000 SCORES 1 CREDIT

###### 482J-56-SS

###### \_\_\_\_\_\_\_ SCORES 1 CREDIT

###### \_\_\_\_\_\_\_ SCORES 1 CREDIT

###### 482J-58-SS

###### 190,000 SCORES 1 EXTRA BALL

###### 482J-60-SS

###### 210,000 SCORES 1 EXTRA BALL

###### 482J-62-SS

###### 430,000 SCORES 1 EXTRA BALL

###### 482J-64-SS

###### 190,000 SCORES 1 EXTRA BALL

###### 320,000 SCORES 1 EXTRA BALL

###### 482J-66-SS

###### “CONTACT” “A” REVISION PROMS DIAGNOSTIC TESTS

###### TEST # DESCRIPTION

###### A ROM / PROM Check (Bottom Led On = Failure)

###### B RAM Check (Top Led On = Failure)

###### C CMOS RAM Check (Both Leds On = Failure)

###### D Dip Switch Date Enter (Both Leds Blink Twice)

###### E\* Display Digit Test #

###### 1\* Lamp Test

###### 2\* Solenoid Test #

###### 3\* Switch Test

###### 4\* Game Status - Audit Display #

###### \* Control of these Tests is by Coin Door Switches.

###### # These Tests can be operated in Auto or Manual Mode.

###### Coin Door Diagnostic Control Switches Operating Instructions:

###### Coin Door Switches are used to control Diagnostic Operation for Tests E, 1, 2, 3 and 4.

###### Auto Position - Advance from Test to Test.

###### Manual Position from Subtest to Subtest within Tests E, 2 and 4.

###### Advance Switch - Advance in Auto or Manual Mode.

###### To Display Audit Totals:

###### Place Auto / Manual Switch in Manual.

###### Depress Advance Switch.

###### (NOTE: Game must be in Game Over to Access Audit Totals).

###### Audit Totals will be displayed (Test 4).

###### Subtest 18 – Current High Score to Date Subtest 19 – Number of Coins through Slot 1 Subtest 20 – Number of Coins through Slot 2 Subtest 21 – Number of Coins through Slot 3 Subtest 22 – Total Games Paid For Subtest 23 – Total Games Won

###### \* \* \* IT WIL NOT DISPLAY

###### Function Switch Data Switch Default (Chart 1) (Chart 1 or Chart 2) Value

###### 01 Replay 1 (Chart 2) 10,000 pts \* 200,000 (20)

###### 02 Replay 2 (Chart 2) 10,000 pts \* 330,000 (33)

###### 03 Replay 3 (Chart 2) 10,000 pts \* 430,000 (43)

###### 04 Replay 4 (Chart 2) 10,000 pts \* Disabled.

###### 05 Maximum Credits (Chart 2) 20

###### 06 Match / Credit / Extra Ball (Chart 1) 10 \* To Disable

###### 010 - Match ON - Credit Award at Replay Points A Replay Point

###### 011 - Match ON - Extra Ball Award at Replay Points Turn All Data

###### 014 - Match OFF - Credit Award at Replay Points Switches On For

###### 015 - Match OFF - Extra Ball Award at Replay Points That Replay

###### 07 Play (Chart 2) 02 Function Number

###### 02 - Normal Play (Star 1 and 2 Together)

###### 03 - Conservative Play (Star 1 and 2 Separate)

###### 04 - No Extra Ball (Star 1 and 2 Together)

###### 08 Credits Awarded for High Score to Date (Chart 1) 03 \* \* \* \* To Disable

###### 12 Left Coin Slot Multiplier (Chart 1) 01 High Score To

###### 13 Center Coin Slot Multiplier (Chart 1) 01 Date Feature

###### 14 Right Coin Slot Multiplier (Chart 1) 01 Turn All Data

###### 15 Minimum Coin Units for Credit (Chart 1) 00 Switches Off

###### 16 Coin Units Bonus Point (Chart 1) 02 For Function

###### 17 Coin Units Required for Credit (Chart 1) 01 08.

###### 18 Play Adjustment (Chart 2) 13

###### 13 - Special Awards Credit, 3 Balls

###### 23 - Special Awards Extra Ball, 3 Balls

###### 43 - Special Awards 50,000 Points, 3 Balls

###### 15 - Special Awards Credit, 5 Balls

###### 25 - Special Awards Extra Ball, 5 Balls

###### 45 - Special Awards 50,000 Points, 5 Balls

###### 19 Not Used 01

###### 20 Credits in Game (Chart 2) 00

###### 21 High Score to Date (Chart 2) 10,000 pts 35

###### 22 High Score to Date (Chart 2) 100 pts 00

###### 23 High Score to Date (Chart 2) 1 pts 00

###### - Number of Coins Left Chute Cannot Be Set

###### - Number of Coins Center Chute Cannot Be Set

###### - Number of Coins Right Chute Cannot Be Set

###### - Number of Credits Paid Cannot Be Set

###### - Number of Credits Won Cannot Be Set

###### 482-1

###### 210,000 SCORES 1 EXTRA BALL

###### 440,000 SCORES 1 EXTRA BALL

###### 482J-67-SS

###### \_\_\_\_\_\_\_ SCORES 1 EXTRA BALL

###### \_\_\_\_\_\_\_ SCORES 1 EXTRA BALL

###### 482J-68-SS

Fonts used: Helvetica, HelveticaNeue, HelveticaNeueLT Std Med, Futura ExtraBold, Futura Hv BT, Century

Card size: 154x83mm (instructions), 135x25mm (score inserts)

###### Suggested score cards:

Credit games:

3 ball 482J-15-SS or

482J-29-SS

5 ball 482J-43-SS

Extra ball games:

3 ball 482J-59-SS

5 ball 482J-63-SS

**Cards status:**

Card 482J-1-SS is confirmed.

Card 482J-2-SS is confirmed.

Card 482J-3-SS is confirmed.

Card 482J-4-SS is confirmed.

Card 482J-5-SS is confirmed.

Card 482J-6-SS is confirmed.

Score inserts 482J-7-SS thru 482J-68-SS confirmed.

Diagnostic Tests Chart 482-1 confirmed

If you have any other information about these cards,

please send a readable picture or scan to me.

Enjoy and have fun,

Peter

[www.inkochnito.nl](http://www.inkochnito.nl)

If you like my work, please send me a donation via PayPal.