

CR-002 USER'S MANUAL (Coin/play V1.3)

(1) DETAILED ACCESSORIES :

JP1: SPEAKER

JP2: COUNTER

JP3: DISPLAY CARD

JP4: BONUS CARD

JP5: COIN INPUT

JP6: THE BUTTON FOR PRINTER AND THE SENSOR FOR EXIT

JP7: BUTTON/JOYSTICK

JP8: 50V/METER

JP9: POWER INPUT

P1: PRINTER PORT

P2: CRANE SET PORT/BONUS CARD PORT

(2) DESCRIPTION + OF THE BUTTONS :

S1: RESET

S2: TESTING AND SETTING THE STRENGTH OF THE CLAW

S3: TESTING THE FUNCTIONS

S4: PRINTER LIST

(3) ADJUSTING THE CLAW BY S2 :

- LEFT : STRONG TESTING
- RIGHT : WEAK TESTING

(4)ADJUSTING THE DIP SW :

< 1 > GAME TIME :

| SW 1 | | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|-----------|--------|---|---|-----|-----|---|---|---|---|
| GAME TIME | 10 SEC | | | ON | ON | | | | |
| | 15 SEC | | | ON | OFF | | | | |
| | 20 SEC | | | OFF | ON | | | | |
| | 25 SEC | | | OFF | OFF | | | | |

< 2 >:CLAW CATCH AGAIN AFTER CALW GET DOWN

| Sw1 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|--------|---|---|---|---|---|---|---|-----|
| USE | | | | | | | | ON |
| NO USE | | | | | | | | OFF |

< 3 >:COLIN/PLAY Setting

| Sw1 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|------------|-----|---|---|---|---|---|---|---|
| Coin model | ON | | | | | | | |
| Play model | OFF | | | | | | | |

<2> COINS/PLAY :

| SW2 | COIN | PLAY | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|------|------|------|---|---|---|---|---|-----|-----|-----|
| COIN | 1 | 1 | | | | | | OFF | OFF | OFF |
| | 1 | 2 | | | | | | OFF | OFF | ON |
| | 1 | 3 | | | | | | OFF | ON | OFF |
| | 1 | 4 | | | | | | OFF | ON | ON |
| | 1 | 5 | | | | | | ON | OFF | OFF |
| | 1 | 6 | | | | | | ON | OFF | ON |
| | 1 | 7 | | | | | | ON | ON | OFF |
| | 1 | 8 | | | | | | ON | ON | ON |

<2> COINS/PLAY :

| SW2 | COIN | PLAY | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|------|------|------|---|---|---|---|---|-----|-----|-----|
| PLAY | 1 | 1 | | | | | | OFF | OFF | OFF |
| | 2 | 1 | | | | | | OFF | OFF | ON |
| | 3 | 1 | | | | | | OFF | ON | OFF |
| | 4 | 1 | | | | | | OFF | ON | ON |
| | 5 | 1 | | | | | | ON | OFF | OFF |
| | 6 | 1 | | | | | | ON | OFF | ON |
| | 7 | 1 | | | | | | ON | ON | OFF |
| | 8 | 1 | | | | | | ON | ON | ON |

<3> CONTROLLING PANEL MODE :

1. 2 BUTTONS : ONLY "FORWARD" & "RIGHT" BUTTONS AND AFTER THE 2 BUTTONS BE PRESSED THE CLAW DESCENDING AUTOMATICALLY.
2. JOYSTICK + 2 BUTTONS : FORWARD/BACKWARD => DOWN/CATCHING
3. JOYSTICK + 1 BUTTON : PRESSING BUTTON REFERS TO THE CLAW DOWN AND PRESSING AGAIN OR NOT CATCHING .

| SW 2 | | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|--------------|-------------------------|---|---|-----|-----|---|---|---|---|
| BUTTONS MODE | 2 BUTTONS | | | OFF | - | | | | |
| | JOYSTICK + 2 BUTTONS | | | ON | OFF | | | | |
| | JOYSTICK + 1 BUTTON | | | ON | ON | | | | |
| | | | | | | | | | |

<4> THE EXIT POSITION OF THE CAUGHT PRIZE :

1. THE SAME AS THE HOME POSITION: THE LEFT FRONT SIDE
2. DIFFERENT FROM THE HOME POSITION: THE LEFT BACK SIDE

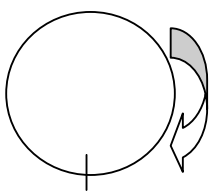
| SW 2 | | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|-----------|-----------------------|-----|---|---|---|---|---|---|---|
| EXIT DOOR | SAME HOME POSITION | OFF | | | | | | | |
| | DIFFERENT | ON | | | | | | | |

<5> CONTROL MODE :

DIP SW3

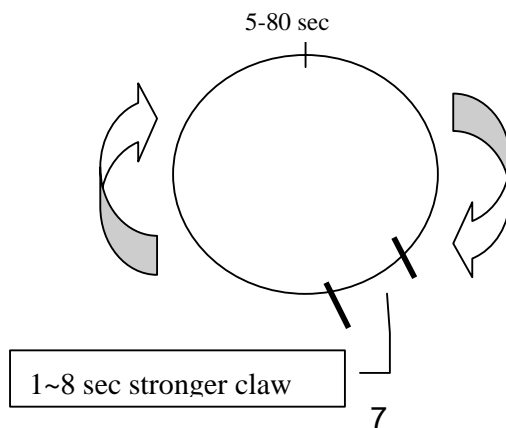
| MODE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------------|---|---|---|---|---|---|---|-----|
| TIMER MODE | | | | | | | | ON |
| COUNTER MODE | | | | | | | | OFF |

1. TIMER MODE: IN EACH CIRCLE, THE TIME (SEC.) OF APPEARANCE OF THE STRONGER CLAW.

| DIP SW3 | SEC | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--|-------|-----|-----|-----|-----|---|---|---|----|
| TIMER CIRCLE  5-80s ADJUSTABLE | 5SEC | OFF | OFF | OFF | OFF | | | | ON |
| | 10SEC | ON | OFF | OFF | OFF | | | | ON |
| | 15SEC | OFF | ON | OFF | OFF | | | | ON |
| | 20SEC | ON | ON | OFF | OFF | | | | ON |
| | 25SEC | OFF | OFF | ON | OFF | | | | ON |
| | 30SEC | ON | OFF | ON | OFF | | | | ON |
| | 35SEC | OFF | ON | ON | OFF | | | | ON |
| | 40SEC | ON | ON | ON | OFF | | | | ON |
| | 45SEC | OFF | OFF | OFF | ON | | | | ON |
| | 50SEC | ON | OFF | OFF | ON | | | | ON |

| | | | | | | | | | |
|---|-------|-----|-----|-----|----|-----|-----|-----|----|
| | 55SEC | OFF | ON | OFF | ON | | | | ON |
| | 60SEC | ON | ON | OFF | ON | | | | ON |
| | 65SEC | OFF | OFF | ON | ON | | | | ON |
| | 70SEC | ON | OFF | ON | ON | | | | ON |
| | 75SEC | OFF | ON | ON | ON | | | | ON |
| | 80SEC | ON | ON | ON | ON | | | | ON |
| IN EACH CIRCLE, THE TIME OF APPERANCE OF STRONGER CLAW | 1SEC | | | | | OFF | OFF | OFF | ON |
| | 2SEC | | | | | ON | OFF | OFF | ON |
| | 3SEC | | | | | OFF | ON | OFF | ON |
| | 4SEC | | | | | ON | ON | OFF | ON |
| | 5SEC | | | | | OFF | OFF | ON | ON |
| | 6SEC | | | | | ON | OFF | ON | ON |
| | 7SEC | | | | | OFF | ON | ON | ON |
| | 8SEC | | | | | ON | ON | ON | ON |
| | | | | | | | | | |

Picturization:



2. COUNTER MODE: IF FOR 1/2, IT MEANS WHILE IN 2 PLAYING TIMES IT WILL APPEAR

STRONG CLAW ONE TIME.

| STRONG/TIMES | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 / 2 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 1 / 3 | ON | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 1 / 4 | OFF | ON | OFF | OFF | OFF | OFF | OFF | OFF |
| 1 / 5 | ON | ON | OFF | OFF | OFF | OFF | OFF | OFF |
| 1 / 6 | OFF | OFF | ON | OFF | OFF | OFF | OFF | OFF |
| 1 / 7 | ON | OFF | ON | OFF | OFF | OFF | OFF | OFF |
| 1 / 8 | OFF | ON | ON | OFF | OFF | OFF | OFF | OFF |
| 1 / 9 | ON | ON | ON | OFF | OFF | OFF | OFF | OFF |
| 1 / 10 | OFF | OFF | OFF | ON | OFF | OFF | OFF | OFF |
| 1 / 11 | ON | OFF | OFF | ON | OFF | OFF | OFF | OFF |
| 1 / 12 | OFF | ON | OFF | ON | OFF | OFF | OFF | OFF |
| 1 / 13 | ON | ON | OFF | ON | OFF | OFF | OFF | OFF |
| 1 / 14 | OFF | OFF | ON | ON | OFF | OFF | OFF | OFF |
| 1 / 15 | ON | OFF | ON | ON | OFF | OFF | OFF | OFF |

| | | | | | | | | |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 / 16 | OFF | ON | ON | ON | OFF | OFF | OFF | OFF |
| 1 / 17 | ON | ON | ON | ON | OFF | OFF | OFF | OFF |
| 1 / 18 | OFF | OFF | OFF | OFF | ON | OFF | OFF | OFF |
| 1 / 19 | ON | OFF | OFF | OFF | ON | OFF | OFF | OFF |
| 1 / 20 | OFF | ON | OFF | OFF | ON | OFF | OFF | OFF |
| 1 / 21 | ON | ON | OFF | OFF | ON | OFF | OFF | OFF |
| 1 / 22 | OFF | OFF | ON | OFF | ON | OFF | OFF | OFF |
| 1 / 23 | ON | OFF | ON | OFF | ON | OFF | OFF | OFF |
| 1 / 24 | OFF | ON | ON | OFF | ON | OFF | OFF | OFF |
| 1 / 25 | ON | ON | ON | OFF | ON | OFF | OFF | OFF |
| 1 / 26 | OFF | OFF | OFF | ON | ON | OFF | OFF | OFF |
| 1 / 27 | ON | OFF | OFF | ON | ON | OFF | OFF | OFF |
| 1 / 28 | OFF | ON | OFF | ON | ON | OFF | OFF | OFF |
| 1 / 29 | ON | ON | OFF | ON | ON | OFF | OFF | OFF |
| 1 / 30 | OFF | OFF | ON | ON | ON | OFF | OFF | OFF |
| 1 / 31 | ON | OFF | ON | ON | ON | OFF | OFF | OFF |
| 1 / 32 | OFF | ON | ON | ON | ON | OFF | OFF | OFF |
| 1 / 33 | ON | ON | ON | ON | ON | OFF | OFF | OFF |
| 1 / 34 | OFF | OFF | OFF | OFF | OFF | ON | OFF | OFF |

| | | | | | | | | |
|--------|-----|-----|-----|-----|-----|----|-----|-----|
| 1 / 35 | ON | OFF | OFF | OFF | OFF | ON | OFF | OFF |
| 1 / 36 | OFF | ON | OFF | OFF | OFF | ON | OFF | OFF |
| 1 / 37 | ON | ON | OFF | OFF | OFF | ON | OFF | OFF |
| 1 / 38 | OFF | OFF | ON | OFF | OFF | ON | OFF | OFF |
| 1 / 39 | ON | OFF | ON | OFF | OFF | ON | OFF | OFF |
| 1 / 40 | OFF | ON | ON | OFF | OFF | ON | OFF | OFF |
| 1 / 41 | ON | ON | ON | OFF | OFF | ON | OFF | OFF |
| 1 / 42 | OFF | OFF | OFF | ON | OFF | ON | OFF | OFF |
| 1 / 43 | ON | OFF | OFF | ON | OFF | ON | OFF | OFF |
| 1 / 44 | OFF | ON | OFF | ON | OFF | ON | OFF | OFF |
| 1 / 45 | ON | ON | OFF | ON | OFF | ON | OFF | OFF |
| 1 / 46 | OFF | OFF | ON | ON | OFF | ON | OFF | OFF |
| 1 / 47 | ON | OFF | ON | ON | OFF | ON | OFF | OFF |
| 1 / 48 | OFF | ON | ON | ON | OFF | ON | OFF | OFF |
| 1 / 49 | ON | ON | ON | ON | OFF | ON | OFF | OFF |
| 1 / 50 | OFF | OFF | OFF | OFF | ON | ON | OFF | OFF |
| 1 / 51 | ON | OFF | OFF | OFF | ON | ON | OFF | OFF |
| 1 / 52 | OFF | ON | OFF | OFF | ON | ON | OFF | OFF |
| 1 / 53 | ON | ON | OFF | OFF | ON | ON | OFF | OFF |

| | | | | | | | | |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 / 54 | OFF | OFF | ON | OFF | ON | ON | OFF | OFF |
| 1 / 55 | ON | OFF | ON | OFF | ON | ON | OFF | OFF |
| 1 / 56 | OFF | ON | ON | OFF | ON | ON | OFF | OFF |
| 1 / 57 | ON | ON | ON | OFF | ON | ON | OFF | OFF |
| 1 / 58 | OFF | OFF | OFF | ON | ON | ON | OFF | OFF |
| 1 / 59 | ON | OFF | OFF | ON | ON | ON | OFF | OFF |
| 1 / 60 | OFF | ON | OFF | ON | ON | ON | OFF | OFF |
| 1 / 61 | ON | ON | OFF | ON | ON | ON | OFF | OFF |
| 1 / 62 | OFF | OFF | ON | ON | ON | ON | OFF | OFF |
| 1 / 63 | ON | OFF | ON | ON | ON | ON | OFF | OFF |
| 1 / 64 | OFF | ON | ON | ON | ON | ON | OFF | OFF |
| 1 / 65 | ON | ON | ON | ON | ON | ON | OFF | OFF |
| 1 / 66 | OFF | OFF | OFF | OFF | OFF | OFF | ON | OFF |
| 1 / 67 | ON | OFF | OFF | OFF | OFF | OFF | ON | OFF |
| 1 / 68 | OFF | ON | OFF | OFF | OFF | OFF | ON | OFF |
| 1 / 69 | ON | ON | OFF | OFF | OFF | OFF | ON | OFF |
| 1 / 70 | OFF | OFF | ON | OFF | OFF | OFF | ON | OFF |
| 1 / 71 | ON | OFF | ON | OFF | OFF | OFF | ON | OFF |
| 1 / 72 | OFF | ON | ON | OFF | OFF | OFF | ON | OFF |

| | | | | | | | | |
|--------|-----|-----|-----|-----|-----|-----|----|-----|
| 1 / 73 | ON | ON | ON | OFF | OFF | OFF | ON | OFF |
| 1 / 74 | OFF | OFF | OFF | ON | OFF | OFF | ON | OFF |
| 1 / 75 | ON | OFF | OFF | ON | OFF | OFF | ON | OFF |
| 1 / 76 | OFF | ON | OFF | ON | OFF | OFF | ON | OFF |
| 1 / 77 | ON | ON | OFF | ON | OFF | OFF | ON | OFF |
| 1 / 78 | OFF | OFF | ON | ON | OFF | OFF | ON | OFF |
| 1 / 79 | ON | OFF | ON | ON | OFF | OFF | ON | OFF |
| 1 / 80 | OFF | ON | ON | ON | OFF | OFF | ON | OFF |
| 1 / 81 | ON | ON | ON | ON | OFF | OFF | ON | OFF |
| 1 / 82 | OFF | OFF | OFF | OFF | ON | OFF | ON | OFF |
| 1 / 83 | ON | OFF | OFF | OFF | ON | OFF | ON | OFF |
| 1 / 84 | OFF | ON | OFF | OFF | ON | OFF | ON | OFF |
| 1 / 85 | ON | ON | OFF | OFF | ON | OFF | ON | OFF |
| 1 / 86 | OFF | OFF | ON | OFF | ON | OFF | ON | OFF |
| 1 / 87 | ON | OFF | ON | OFF | ON | OFF | ON | OFF |
| 1 / 88 | OFF | ON | ON | OFF | ON | OFF | ON | OFF |
| 1 / 89 | ON | ON | ON | OFF | ON | OFF | ON | OFF |
| 1 / 90 | OFF | OFF | OFF | ON | ON | OFF | ON | OFF |
| 1 / 91 | ON | OFF | OFF | ON | ON | OFF | ON | OFF |

| | | | | | | | | |
|---------|-----|-----|-----|-----|-----|-----|----|-----|
| 1 / 92 | OFF | ON | OFF | ON | ON | OFF | ON | OFF |
| 1 / 93 | ON | ON | OFF | ON | ON | OFF | ON | OFF |
| 1 / 94 | OFF | OFF | ON | ON | ON | OFF | ON | OFF |
| 1 / 95 | ON | OFF | ON | ON | ON | OFF | ON | OFF |
| 1 / 96 | OFF | ON | ON | ON | ON | OFF | ON | OFF |
| 1 / 97 | ON | ON | ON | ON | ON | OFF | ON | OFF |
| 1 / 98 | OFF | OFF | OFF | OFF | OFF | ON | ON | OFF |
| 1 / 99 | ON | OFF | OFF | OFF | OFF | ON | ON | OFF |
| 1 / 100 | OFF | ON | OFF | OFF | OFF | ON | ON | OFF |
| 1 / 120 | ON | ON | OFF | OFF | OFF | ON | ON | OFF |
| 1 / 140 | OFF | OFF | ON | OFF | OFF | ON | ON | OFF |
| 1 / 160 | ON | OFF | ON | OFF | OFF | ON | ON | OFF |
| 1 / 180 | OFF | ON | ON | OFF | OFF | ON | ON | OFF |
| 1 / 220 | ON | ON | ON | OFF | OFF | ON | ON | OFF |
| 1 / 280 | OFF | OFF | OFF | ON | OFF | ON | ON | OFF |
| 1 / 320 | ON | OFF | OFF | ON | OFF | ON | ON | OFF |
| 1 / 400 | OFF | ON | OFF | ON | OFF | ON | ON | OFF |
| 1 / 500 | ON | ON | OFF | ON | OFF | ON | ON | OFF |
| 1 / 600 | OFF | OFF | ON | ON | OFF | ON | ON | OFF |

| | | | | | | | | |
|---------|-----|-----|-----|-----|-----|----|----|-----|
| 1 /700 | ON | OFF | ON | ON | OFF | ON | ON | OFF |
| 1 /800 | OFF | ON | ON | ON | OFF | ON | ON | OFF |
| 1 /900 | ON | ON | ON | ON | OFF | ON | ON | OFF |
| 1 /1000 | OFF | OFF | OFF | OFF | ON | ON | ON | OFF |
| 1 /1100 | ON | OFF | OFF | OFF | ON | ON | ON | OFF |
| 1 /1200 | OFF | ON | OFF | OFF | ON | ON | ON | OFF |
| 1 /1300 | ON | ON | OFF | OFF | ON | ON | ON | OFF |
| 1 /1400 | OFF | OFF | ON | OFF | ON | ON | ON | OFF |
| 1 /1500 | ON | OFF | ON | OFF | ON | ON | ON | OFF |
| 1 /1600 | OFF | ON | ON | OFF | ON | ON | ON | OFF |
| 1 /1800 | ON | ON | ON | OFF | ON | ON | ON | OFF |
| 1 /2000 | OFF | OFF | OFF | ON | ON | ON | ON | OFF |
| 1 /2200 | ON | OFF | OFF | ON | ON | ON | ON | OFF |
| 1 /2400 | OFF | ON | OFF | ON | ON | ON | ON | OFF |
| 1 /2600 | ON | ON | OFF | ON | ON | ON | ON | OFF |
| 1 /2800 | OFF | OFF | ON | ON | ON | ON | ON | OFF |
| 1 /3000 | ON | OFF | ON | ON | ON | ON | ON | OFF |
| 1 /4000 | OFF | ON | ON | ON | ON | ON | ON | OFF |
| 1 /5000 | ON | ON | ON | ON | ON | ON | ON | OFF |

<7> BONUS CARD RATE :

| S W 4 | | 4 | 3 | 2 | 1 |
|---|----------|-----|-----|-----|-----|
| BONUS CARD | NO USE | | | | OFF |
| | USE | | | | ON |
| BONUS CARD RATE % 1 FREE GAME / 2 FREE GAMES / STRNGEST CLAW | 30/20/10 | OFF | OFF | OFF | |
| | 25/15/ 8 | OFF | OFF | ON | |
| | 20/10/ 6 | OFF | ON | OFF | |
| | 18/ 8/ 5 | OFF | ON | ON | |
| | 15/ 5/ 3 | ON | OFF | OFF | |
| | 12/ 4/ 2 | ON | OFF | ON | |
| | 10/ 3/ 1 | ON | ON | OFF | |
| | 5/ 2/ 1 | ON | ON | ON | |

<8> THE TESTING OF THE FUNCTIONS :

THERE ARE FIVE KINDS OF TESTING FUNCTIONS OF THE MACHINE :

1. THE TESTING OF THE CRANE
2. THE TESTING OF THE DISPLAY
3. THE TESTING OF THE MUSIC
4. THE TESTING OF THE SPEECH SOUND
5. THE TESTING OF THE PRINTER

UNDER THE CONDITION OF NO COIN-IN, PRESSING THE "TEST" KEY ON THE BOARD SHALL GET INTO THE TESTING FUNCTION. THE TENS DIGIT, WHICH THE SEVEN-WAY INDICATOR SHOWS, MEANS THE TESTING ITEM AS THE ABOVE. AND THE INDICATING MEANS OF THE BASIC DIGIT ARE AS THE FOLLOWING:

| | |
|------------------|---|
| FLICKERING 0 | NORMAL FUNCTION OR WAIT FOR TEST TO START |
| FLICKERING 1...9 | THE TROUBLED ITEM (EXCEPT MUSIC & SOUND) |
| INDICATE "[&]" | MEANS IT IS DURING THE TESTING PROCESS |

PRESSING BUTTONS TO CHANGE THE ITEMS FOR TESTING

"FRONT" KEY : CHANGING THE TEST ITEMS TO THE NEXT

"RIGHT" KEY : START TO GET INTO THE TESTING

AFTER TESTING THE FIFTH ITEM, IT SHALL GO BACK TO THE GAME SITUATION. WHILE IT IS

TESTING, THERE MIGHT BE BREAKDOWN WITH TWO ITEMS.

| CRANE TESTING BREAKDOWN EXPLANATION | |
|-------------------------------------|----------------------|
| 0 | NORMAL FUNCTION |
| 1 | ABNORMAL FORWARD |
| 2 | ABNORMAL BACKWARD |
| 3 | ABNORMAL LEFT SHIFT |
| 4 | ABNORMAL RIGHT SHIFT |
| 5 | ABNORMAL UPWARD |
| 6 | ABNORMAL DOWNWARD |

PRINTER TESTING

| PRINTER TESTING BREAKDOWN | |
|---------------------------|----------------------|
| EXPLANATION | |
| 0 | NORMAL FUNCTION |
| 1 | PRINTER IS NOT READY |