



Circus CUT

Operation Manual



Circus CUT

Welcome to the use of this product, in order to better play the performance of the equipment, please read this instruction carefully before use



Machine name	Circus CUT	Dimension	900*900*2490mm
MAX Power	506W	Standby Power	460W
Rated Voltage	110-220V 50-60Hz	Gift type	Pendant
N.W.	130KG	G.W.	160KG

一、Gameplay

After coin-operating to the gameable score, the screen display starts the game, press and hold the button within the time specified by the game, the scissors move forward to the position of the gift lanyard, the timing is released, the button scissors cuts the lanyard, the gift door pops up, the player Get a gift.

Tips: When the screen displays waiting for a supplementary gift, press and hold the start button for 5 seconds, and the gift door pops up (you can quickly add gifts).

二、setting menu

In the standby state, press the cancel button of the keypad to enter the menu. The screen displays as follows:

- 1.Total Bill
- 2.Low Set
- 3.High Set
- 4.Sensor
- 5.Sys Info
- 6.Exit

After entering the menu options, use the keyboard to switch between the up and down and left and right options and parameters, and press the enter key to save.

1、Total Bill

Total number of coins inserted:

Number of games played: How many rounds of the game have been played.

Number of winning times: The number of gifts that have been cut off.

Previous round's prize:

On-site coin insertion: The number of physical game coins inserted.

Mobile payment for coins: The number of virtual game coins obtained through mobile phone scan payment.

Purchase revenue:

Number of purchases:

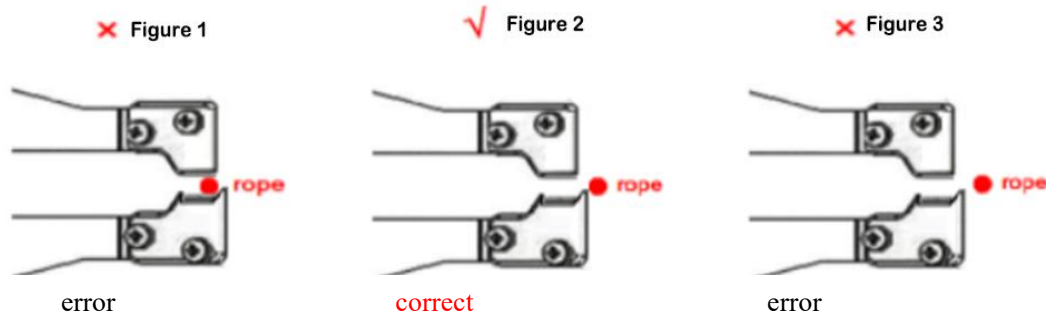
Complimentary lottery tickets

2、Normal setting

Open Door: Open the gift glass door.

Adjust: The position of the scissors has been corrected when the machine leaves the factory, please do not adjust it at will! Press right + OK to enter the correction at the same time:

Use the up and down keys of the keyboard to control the movement of the scissors back and forth, so that the front end of the plastic piece on the left side of the scissors opening is close to the gift lanyard (as shown in Figure 2). Press the Enter key to save, the scissors will return to the just saved position again. At this time, you must confirm the position of the scissors again. Accurate, accurate, and re-corrected if it is inaccurate. After the position correction, return to the main menu to enter the test. The scissors can not be cut to the rope before and after the test.



3、 High Set

Enter the advanced settings and input the password (initial password: 00000000 66666666). Press the confirm key to enter, and the screen will display as follows:

Game time: The duration of each game round, in seconds. The setting range is 20-60 seconds, with a default of 60 seconds.

Coins per game: The number of coins required for each game round. The range is 1-9 coins, with a default of 1 coin per round.

Complimentary lottery tickets:

Winning probability:

Prize-winning door opening:

Standby music:

Position calibration:

Clear accounts:

Change password: Modify the password for accessing the advanced settings. After modification, the new password must be "memorized".

English: Switch between Chinese and English.

Return to the upper menu

4、 Sensor

The distance between the scissors to avoid the rope and the failure and elimination of various parts of the machine during the simulation of the game.

Winning sen: Test whether the winning switch is normal.

Coin sen: Test whether the coin acceptor is normal.

Rsty: Whether the motor and resetting eye are normal before and after the test.

Rsty: Test the scissors motor and reset the light eye is normal.

5、 Sys Info

Music shakes online.

ID: Machine ID.

Ver: Program version.

DATE: The date the software was updated.

6、 Exit

Exit the menu and return to the game interface.

三、 Troubleshooting

Err Code: 2 Door is Open

Solution: Gift glass door is not closed

Err Code: 7 No present

Solution: The weight of the gift or gift that is not attached is too light.

Err Code: 15 coin err

Solution: Check if the coin acceptor switch is pulled to the normally open position.

Err Code: 5 Y reset err

Solution: (1) Shutdown and restart, the crane is self-reset.

(2) If the scissors do not stop before and after, check if the resetting eye is deformed or the line plug is loose.

Err Code: 6 Z reset err

Solution: (1) Shutdown restart, scissors self-reset.

(2) If the restart cannot be recovered, please contact the manufacturer's technical personnel for assistance after understanding the fault.

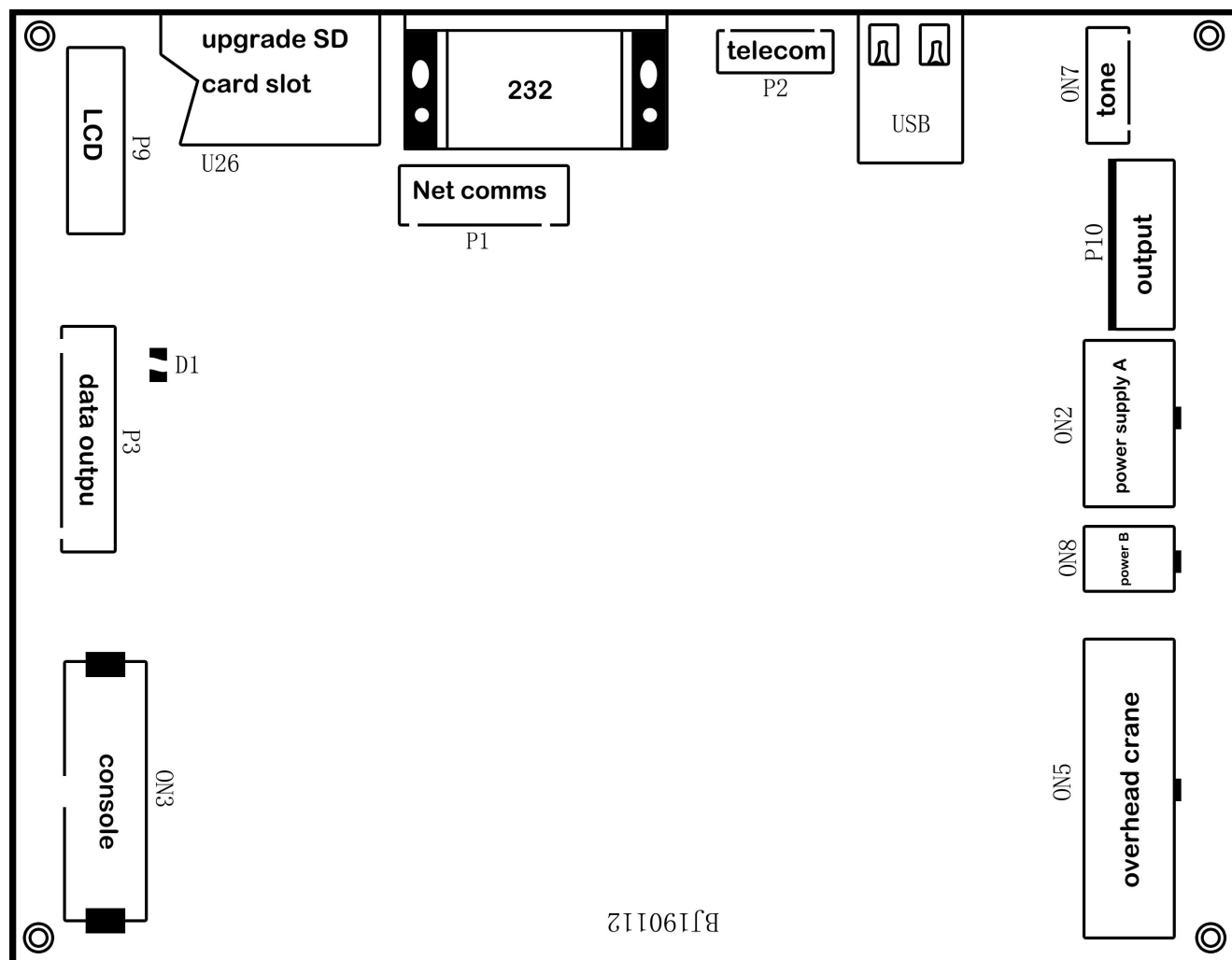
四、 software upgrade

Upgrade method: Shut down, insert the SD card into the SD card holder of the motherboard, use a screwdriver to short the two pins of P11 (view the motherboard I/O schematic); when booting, the motherboard indicator D1 flashes rapidly, the light goes out and the upgrade ends; pull out the SD card and screwdriver; boot to normal game.

To check whether the upgrade is successful, press the keypad cancel button to enter the menu/system information/version (V.xxx is the program version).

五、Wiring Instructions

1、Main board I/O Interface



2、Description of Wiring Interface

P1 Net comms

1	Empty
2	GND GND-
3	RX3 signal
4	TX3 signal
5	12V 12V+

P2 485 telecom

1	485- signal-
2	GND ground wire
3	GND ground wire
4	485+ signal+

P3 DO

1	12V
2	5V
3	PD1
4	PD0
5	PC3
6	NSS
7	SCK
8	MOSI
9	MISO
10	GND
11	GND

P9 LCD

1	GND LCD terminal6/20
2	PC14 LCD terminal4
3	PC3
4	MISO
5	PC0 LCD terminal16
6	PC1 LCD terminal15
7	PC2 LCD terminal17
8	GND LCD terminal1
9	5V LCD terminal2/19

CN7 TONE

1	SP- tone-
2	SP+ tone+
3	AU0 POT 2
4	AUI POT 3
5	GND POT 1

CN3 CONSOLE

1	GND ground wire GND-	2	GND groun wire GND-
3	GND ground wire GND-	4	GND ground wire GND-
5	TEST	6	GND ground wire GND-
7	IN47	8	IN48 Emergency button
9	IN45 bill machine	10	IN46
11	IN43	12	IN44
13	IN41	14	IN42
15	IN37 Buy Button	16	IN38
17	IN35	18	IN36
19	IN33	20	IN34
21	IN31	22	IN32
23	IN27 Coin acceptor signal	24	IN28
25	IN25 start button	26	IN26 Set Button
27	IN23 Left Arrow Key	28	IN24 Right Arrow Key
29	IN21 On the keyboard	30	IN22 Down Arrow Key
31	OP4 Coin disable	32	OP6 Win code table
33	OP2 Coin-operated meter	34	OP3 Win light card
35	5V	36	OP1
37	12V Out put12V+	38	12V Out put12V+
39	12V Out put12V+	40	12V Out put12V+

CN2 POWEER SUPPLY A

5	12V	10	GND
4	GND ground wire GND-	9	GND ground wire GND-
3	12V	8	12V Out put12V+
2	12V	7	12V Out put12V+
1	5V	6	5V Out put5V+

CN5 OVERHERD CRANE

12	GND ground wire GND-	24	GND ground wire GND-
11	DCT	23	5V Photoeye 5V+
10	OPA6 electronic lock2	22	IN11
9	OPA5 electronic lock2	21	IN12 Electronic lock signal
8	OPA8	20	IN13
7	OPA7	19	IN14
6	OPA2 electronic lock1	18	IN18
5	OPA1 electronic lock1	17	IN17 Winning switch
4	OPA4 Scissor motor-	16	IN16 Scissor photoeye
3	OPA3 Scissor motor+	15	IN15 Rear stop photoeye
2	OPA10 Step motor A+	14	OP12 Step motor B+
1	OPA9 Step motor A-	13	OP11 Step motor B-



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