Electrocoin
EXPANDING THE WORLD OF PLAY
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ROCKET LAUNCH

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一、Description of Product

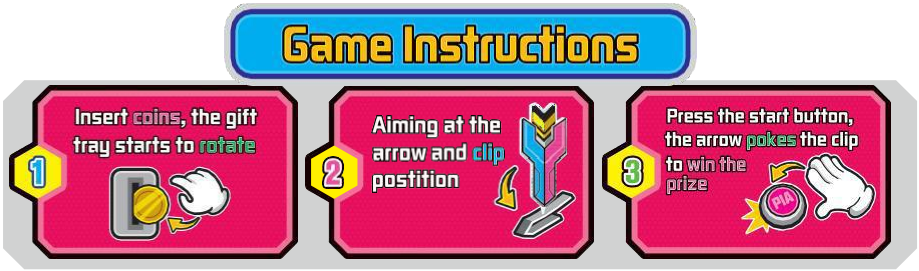
二、How to play

Game Instructions:

1、Insert coins, the gift tray starts to rotate.

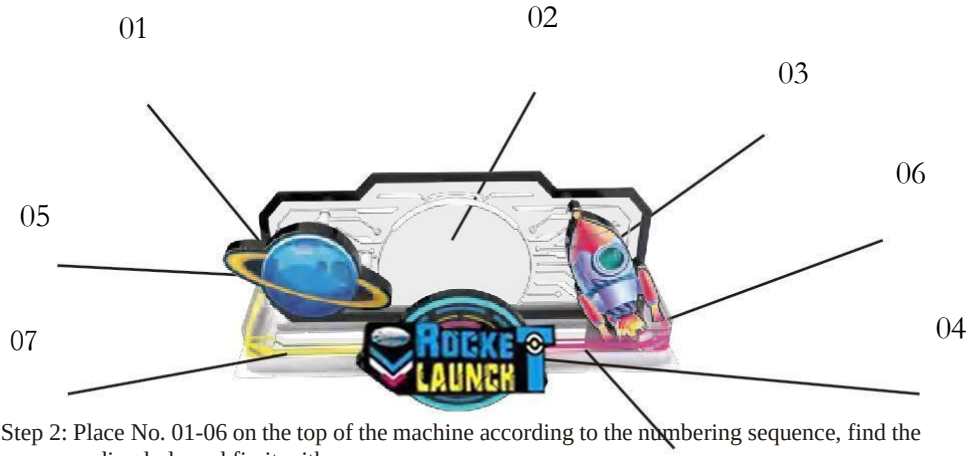
2、Aiming at the arrow and clip position.

3、Press the start button, the arrow pokes the clip to win the prize.

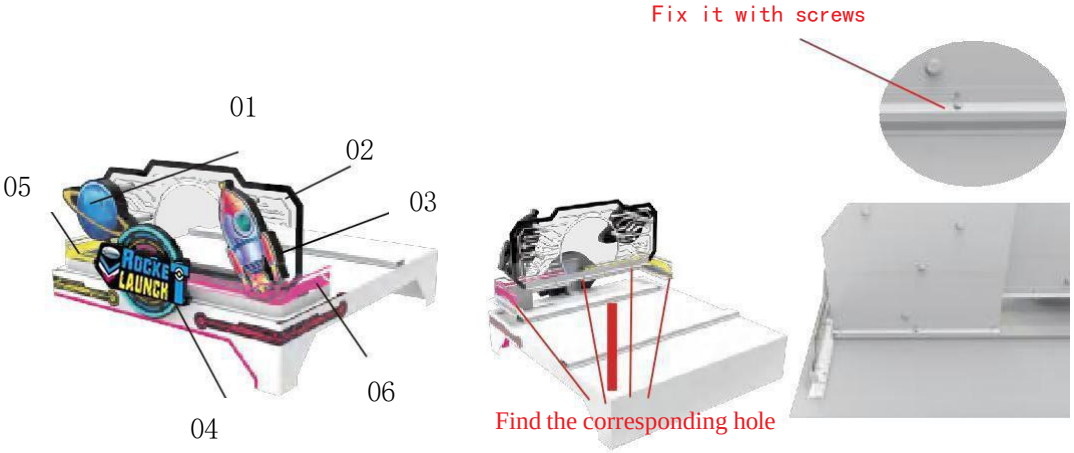


三、Instructions of Light Box Installation

Step 1, open the packing and find the specified number on the top of the head, 01-left light box, 02-transparent acrylic, 03-right light box, 04-Front sign advertising word, 05-left acrylic, 06-right acrylic,



Step 2: Place No. 01-06 on the top of the machine according to the numbering sequence, find the corresponding hole and fix it with screws



Step 3:Find and link the connection between the power interface of the light box and the interface placed on the top of the head, and fix the light wire with a cable tie.

四、Machine structure

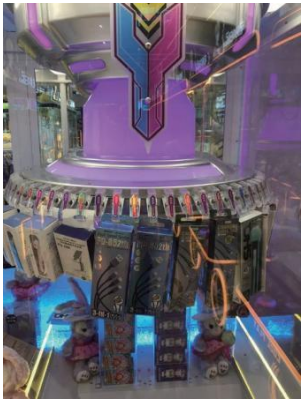
1、Main structure and basic parameters:

1，Size: W760* D848* H2101mm (253mm overhead) (single seat) 2，

Material: Hardware, Power: 200W, Voltage: 220V

3，Top is the upper and lower structure of the slide rail 4，

Rotating center disc with 56 clips



2、Structural installation drawing:

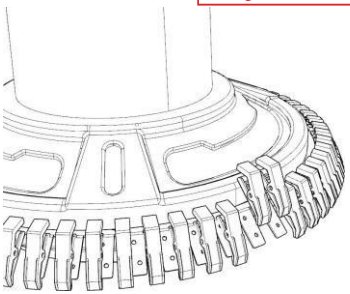
1，Inside the front door: Open the front door, and you can see the structure inside:

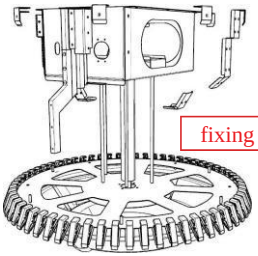
Open the front door

Background settings

3、Turntable clip：

Clip installation





fixing by 8mm screw

screw them up from the bottom with 3mm screws
(with screw washers)

4、How to Change/Add Gifts：

1、Rotate/Stop Button: Open the glass door, there is a replenishment button inside, which is used to replace and replenish gifts.

Open the glass door

Add or replace gifts

2、There are red and purple clips on the turntable. The red clip holds the small prize gift (the value should preferably not exceed half the price of one coin operation), and the purple clip holds the grand prize gift (the value should preferably not exceed one coin operation)

3、Attention: When clipping gifts, it is best to place the gifts diagonally, and only clip one corner, so as not to affect other clips.

4、When the gifts on the turntable are less than half, you should add gifts immediately (the more gifts on the turntable, more attractive).Open glass door rotate/stop button (for adding or replacing gifts)

5、Lighting Part：

1，The top of the chassis: there are 2 pattern light boxes on the top, and the back panel of the light box is surrounded by a gradient light bar.

2，Chassis gift outlet: The outer ring is equipped with circular advertising words, and the outer ring is surrounded by half a pink light strip.

3, The console part of the chassis: a white circle is installed on the outside.

4，A red light bar is installed in the turntable blister, which is installed on the hardware in the blister 5，

Inside the case: a circle of white inside

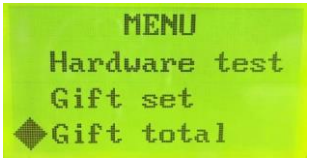
五、Background settings instructions

Press the "OK" key to enter the background setting main menu.

press the "Up" key to move the square icon to move the square icon to select the item that needs to be viewed and adjusted.

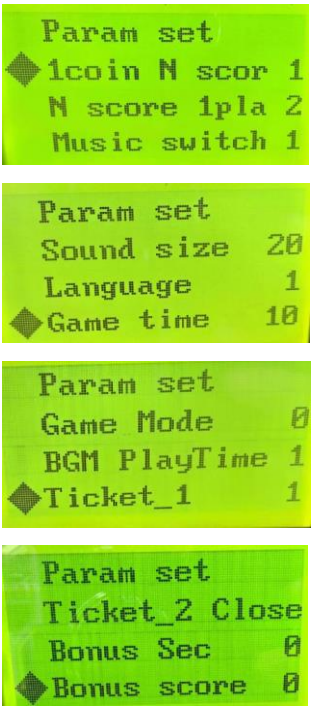
press the "OK" key to enter the item that needs to be viewed and adjusted, and the adjustment is complete.

Then press the "Exit" key to return to the menu page until exit the background setting.



Menu
Param set
Total acc
Clear acc
Hardware test
Giff set
Gift total

1、Param Settings

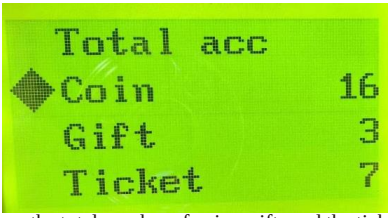


Press the "up" key and "down" key to select parameter adjustment, and continue to press the "OK" key to confirm and enter the parameter setting.

Param set	
1 coin N score	1-99
N score 1 play	1-20
Music switch	0=off、1=on
Sound size	0、1、2、3、4、5、6、7、8、9、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25
Language	0=Chinese、1=English
Game time	5、10、15、20、25、30、35、40、45、50、55、60
Game Model	mode 0 difficulty normal mode 1 difficulty 3 mode 2 difficulty 5
BGM Playtime	1-30 minute
Ticket 01 amount	The number of starting game: 0-100
Ticket 02 amount	The number of ending game: 0-100 (No win prize will come out ticket)
Bonus Second	How many seconds need to insert another coins: 0s-99s
Bonus Score	Continuously investing coins rewards score: 0-9

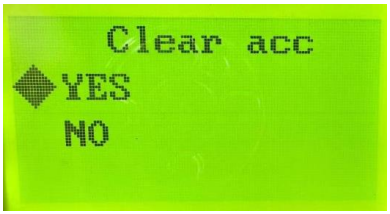
Press the "up" key and "down" key to select the parameter to be adjusted in the parameter setting, press the "OK" key to enter the parameter to be adjusted, press the "up" key and "down" key to adjust the parameter, and press the "exit" key to exit this parameter adjustment when the adjustment is completed.

2、Total acc



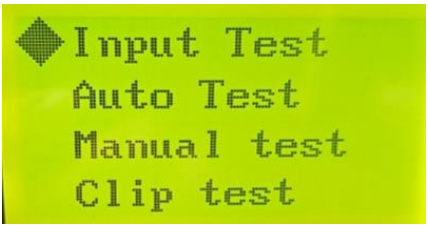
Function: Query the total number of coins, gifts and the tickets

3、Clear Acc



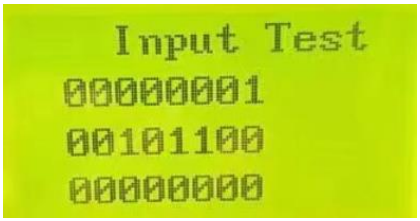
Function: Clear the accumulated number of coins, gifts and the ticket

4、Hardware Test



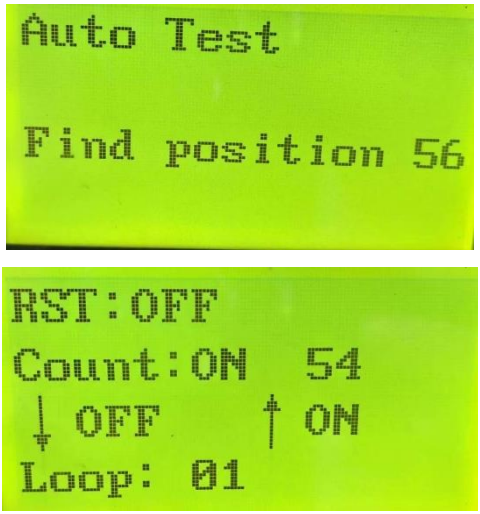
Function: sensor, button and motor test of the machine.

4. 1、Input Test



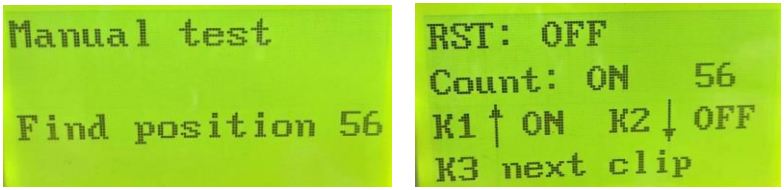
Function: Test whether the button has signal input, press and hold the button to be tested, and see if the corresponding number 0 jumps into 1. If there is, it means that the function of the button is normal, if not, it means that the function of the button is abnormal.

4. 2、Auto Test



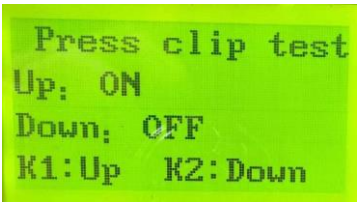
Function: Automatic test to see if the pressure rod can accurately press each clip.

4. 3、Manual Test



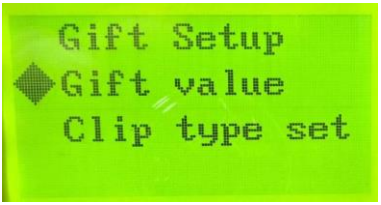
Function: Manual test to see if the pressure rod can accurately press the clamp, and adjust the accuracy of the clamp. Press the "up" key to drive the upper and lower motors to move on the net, press the "up" key to drive the upper and lower motors to move down, and press the "OK" key to rotate to the next clip.

4. 4、Clip Test



Function: Manually test the pressure rod motor, and adjust the distance of the stroke of the pressure rod.

5、Gift Setup

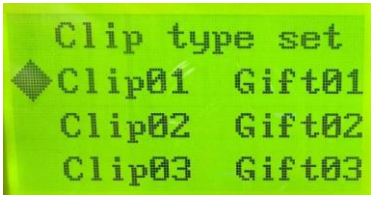


5.1 、Gift Value

Function: Adjust the value of the blind box gift, as well as the gift value of gifts 1 to 9, 9 different value of gifts types.

5.2 、Clip Type Set

Function: Set the gift type of clips 1 to clips 56



Press the "up" and "down" keys to select the clip to be adjusted, press the "OK" key to enter the clip, and continue to press the "up" and "down" keys to adjust the gift type to be set. After adjusting a clip, you need to click to "exit" and save. The settings from 1 to 56 need to be set according to the above process.

6、Gift Total

Function: Query the total number and remainder of the set clip types, check the total remainder of the blind box, and the total remainder of gifts 1 to 9.

六、Code, Reason and Solution of Error

Error code	The reason of problem	Solution
Coin-operated sensor failure (E02)	The sensor of the coin acceptor is normally open and normally closed.	The sensor of the coin acceptor is set back to normally open
	Damaged coin acceptor	Replacing the coin acceptor
Gift sensor failure (E04)	Gift sensors are blocked by foreign objects	Check whether the gift sensor is blocked by foreign objects
	Damaged gift sensor	Replace gift sensor
Gift motor current is too large(E09)	The gift motor rotates abnormally	Check whether the gift motor is stuck by foreign objects
Reset sensor failure (E10)	Reset sensor damage	Replace the reset sensor
	The reset sensor signal line is loose	Check whether the reset sensor signal line is loose
	The signal wire of the gift motor is loose	Check whether the gift motor signal wire is loose
	Damaged gift motor	Replace gift motor
	Damaged motherboard	Replace the motherboard
Code wheel sensor failure (E11)	The encoder wheel sensor is damaged	Replacing the encoder wheel sensor
	The encoder wheel sensor signal line is loose	Check whether the sensor signal line of the encoder wheel is loose
	The upper and lower motor signal wires are loose	Check whether the upper and lower motor signal wires are loose
	The upper and lower motors are damaged	Replace the upper and lower motors
	Damaged motherboard	Replace the motherboard
Upward sensor failure (E12)	Upward sensor damage	Replace the upward light
	The signal line of the upward sensor is loose	Check whether the upward sensor signal line is loose
	The signal wire of the gift motor is loose	Check whether the gift motor signal wire is loose
	Damaged gift motor	Replace gift motor
	Damaged motherboard	Replace the motherboard
Downward sensor failure (E13)	Downward light damage	Replace Downward light
	Downward sensors are loose	Check whether the signal line of the Downward sensor is loose
	Downward motor signal wire is loose	Check whether the down motor signal wire is loose
	Downward motor damaged	Replace down motor
	Damaged motherboard	Replace the motherboard

Ticket sensor failure (E22)	Ticket sensor damaged	Replace the ticket sensor
Ticket motor failure (E23)	Ticket motor damaged	Replace the ticket motor
	Ticket box is empty	Refill tickets

七、Motherboard Pinout

Seat number	Location	Label	application
J10	1	GND	Application
	2	VDD	12/24 Volt
	3	GND	Ground wire
	4	12V	12 volts
J12	1	SW1	Set up key
	2	SW2	Set the down key
	3	SW3	Set OK key
	4	SW4	Set exit key
	5	GND	Ground wire
J4	1	GND	Android board
	2	RXD1	
	3	TXD1	
	4	5V	
	5	12V	
J11	1	1M+	Turntable Motor+
	2	1M-	Turntable Motor-
J15	1	2M+	Clamp Motor+
	2	2M-	Clamp Motor-
J16	1	3M+	Blind Box Motor1
	2	3M-	Blind Box Motor2
J6	1	B	Null
	2	G	Null
	3	R	Null
	4	12V	Blind Box Motor Power Supply
J14	1	Trumpet+	Trumpet
	2	Trumpet-	
J3	1	Trumpet+	
	2	Trumpet-	
J1	1	GND	Ground wire
	2	IN10	Replenishment key
	3	GND	Ground wire
	4	IN9	Blind box photo eyes 2
	5	GND	Ground wire
	6	IN8	Blind box photo eyes 1

	7	IN6	Code wheel light
	8	IN7	Start signal
	9	IN4	Downlight
	10	IN5	Reset photo eyes
	[illegible]	IN2	Return gift sensor
	12	IN3	Glazing
	13	12V	12 volts
	14	IN1	Coin signal
	15	12V	Coin acceptor 12 volts
	16	TGND	Coin-operated ground wire
	17	12V	12 volts
	18	SSR2	Button light
	19	5V	5 volts
	20	SSR1	Null
	21	5V	Null
	22	MB2	Refund code table
	23	5V	Null
	24	MB1	Coin-operated computer
J9	[illegible]	GND	Small LCD
	2	LEDA	
	3	VEE	
	4	RST	
	5	EN	
	6	RW	
	7	RS	
	8	VO	
	9	5V	
	10	GND	