

Dancing Prize

Operation manual



Please read the manual first before operating this machine

The appearance of product is subject to practicality

Trouble Shooting

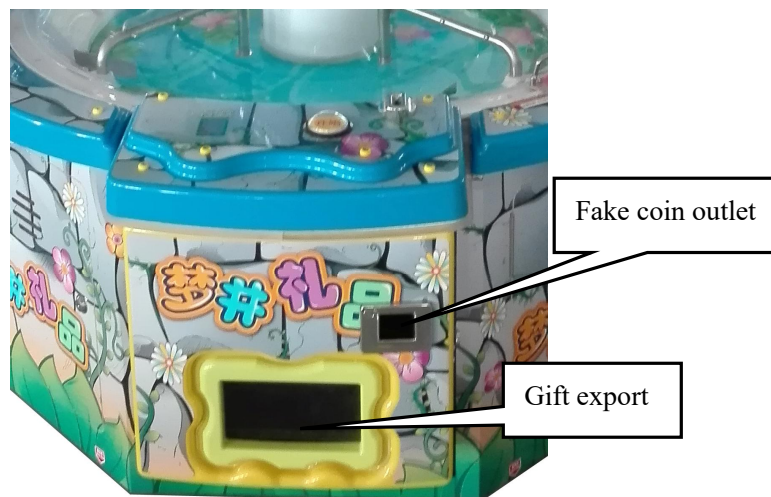
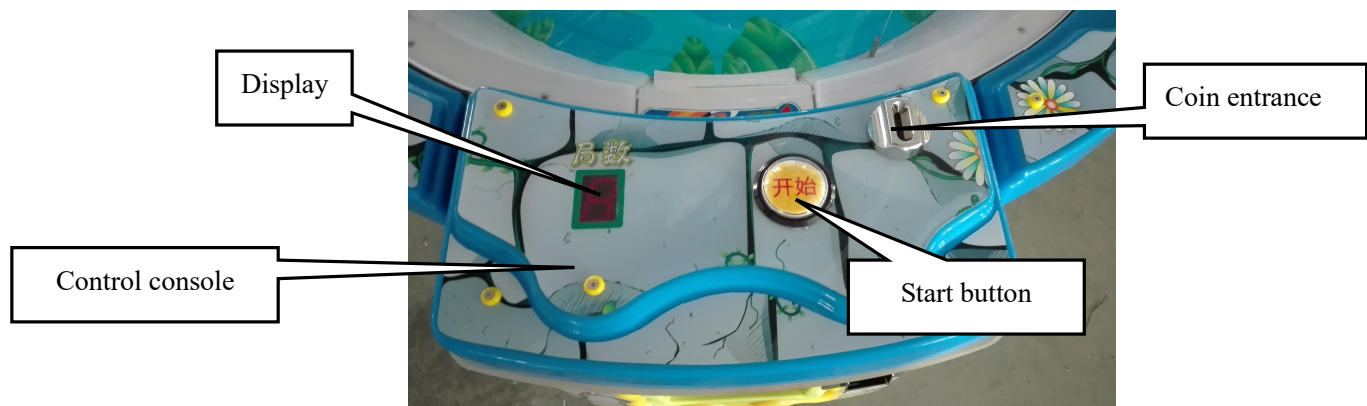
PROBLEM	CAUSES	SOLUTIONS
Can not insert the coin	The coin solt is not adjusted well. Coin solt has fake coin.	Adjust the coin solt and adjust the resistance of token tolerance. Remove the faked coin.
No gift	The gift machine has no input 12V voltage. Drive signal or the gift signal wire is loosened. Gift wheel did not hold the gift. It needs to drive the main board or gift port is defective. The main board dose not have gift out setting.	Check the output voltage and wire of Power box. Check the voltage change and wire of drive signal. Put down the gift wheel to hold the gift down. Replace the main board. Change the gift out settin.
No mucic	The volume is too low. The audio output signal wire is short-circuited. Speaker failurev Sound amplifier failure. Circuit board failure. The audio connector is loose or damaged. Check the speaker is on.	Turn up the volume. Connect the wire. Replace the speaker. Replace the main boar. Replace the circuit board. Reconnect the audio connection. Turn on the speaker switch to connect the power.
No function	No power input. Power switch is off. Power fuse is burned. The main board has no voltage output of power box. Main board failure.	Turn on the power switch and plug the power cord. Turn on the power switch. Remove the short circuit and replace the new fuse. Replace a power box. Connect the power cord of main host. Replace the main board.

Game insturction

Playing introduction

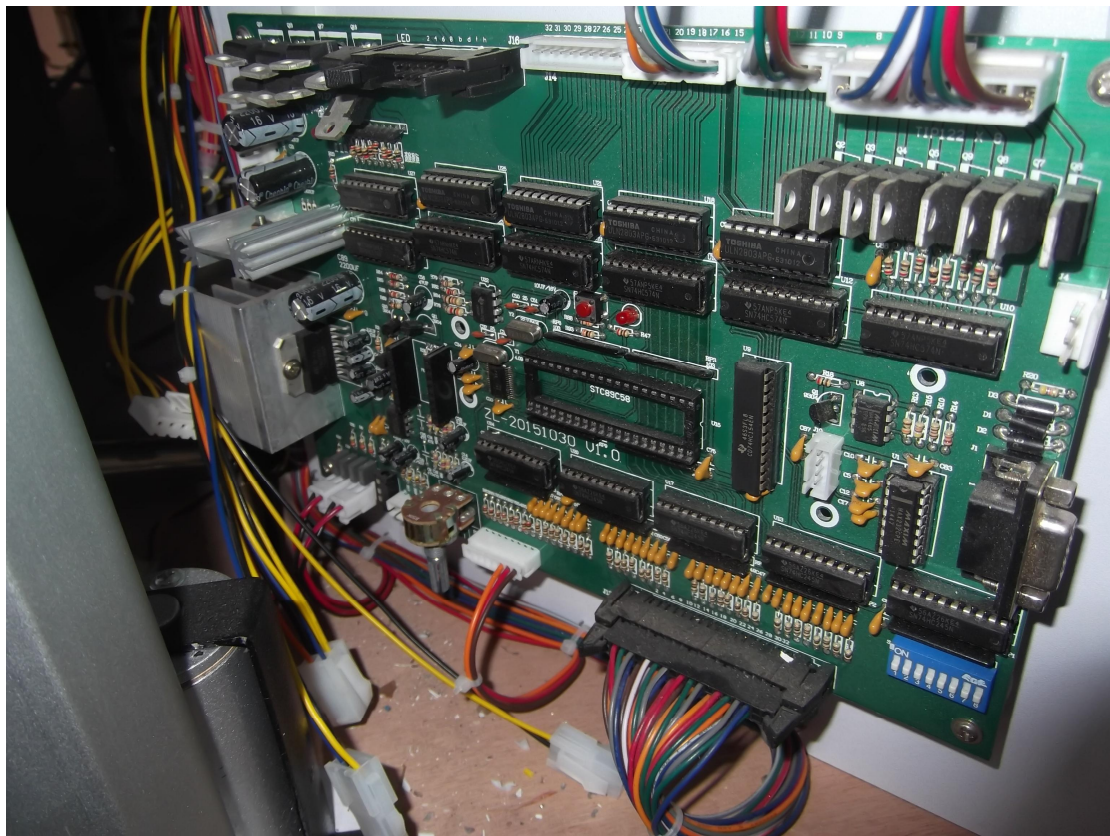
- 1.Insert coins, press the button to start the game.
2. Press the button,The swing pole make the gift into export..

Operation interface



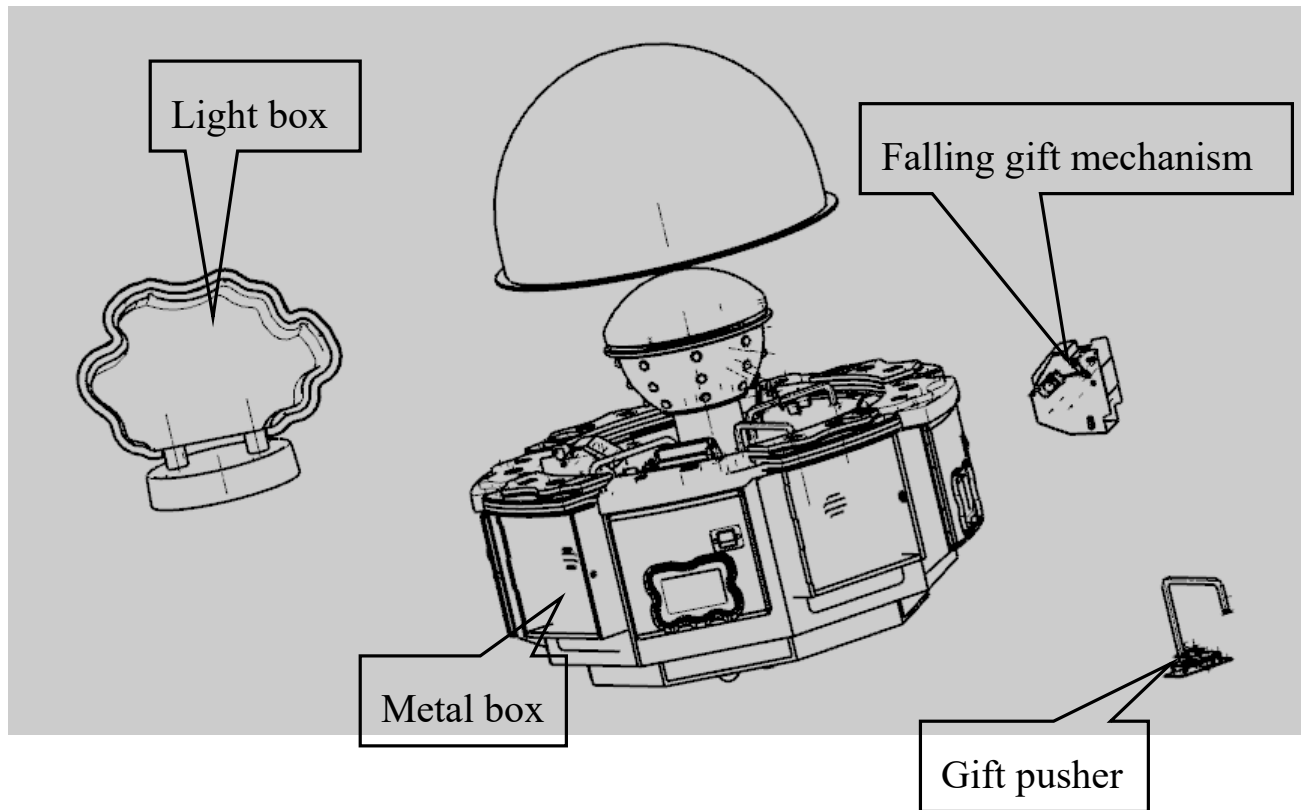
Signal and insturction

1. Refer to IO setting and diagram. It could find all position of input and output of machine and wire.
2. DIP Switch Adjustment refer IO setting. Uppercase is for orignal factory setting, users can adjust according to operating conditions.
3. As the main board schematic diagram shown below:

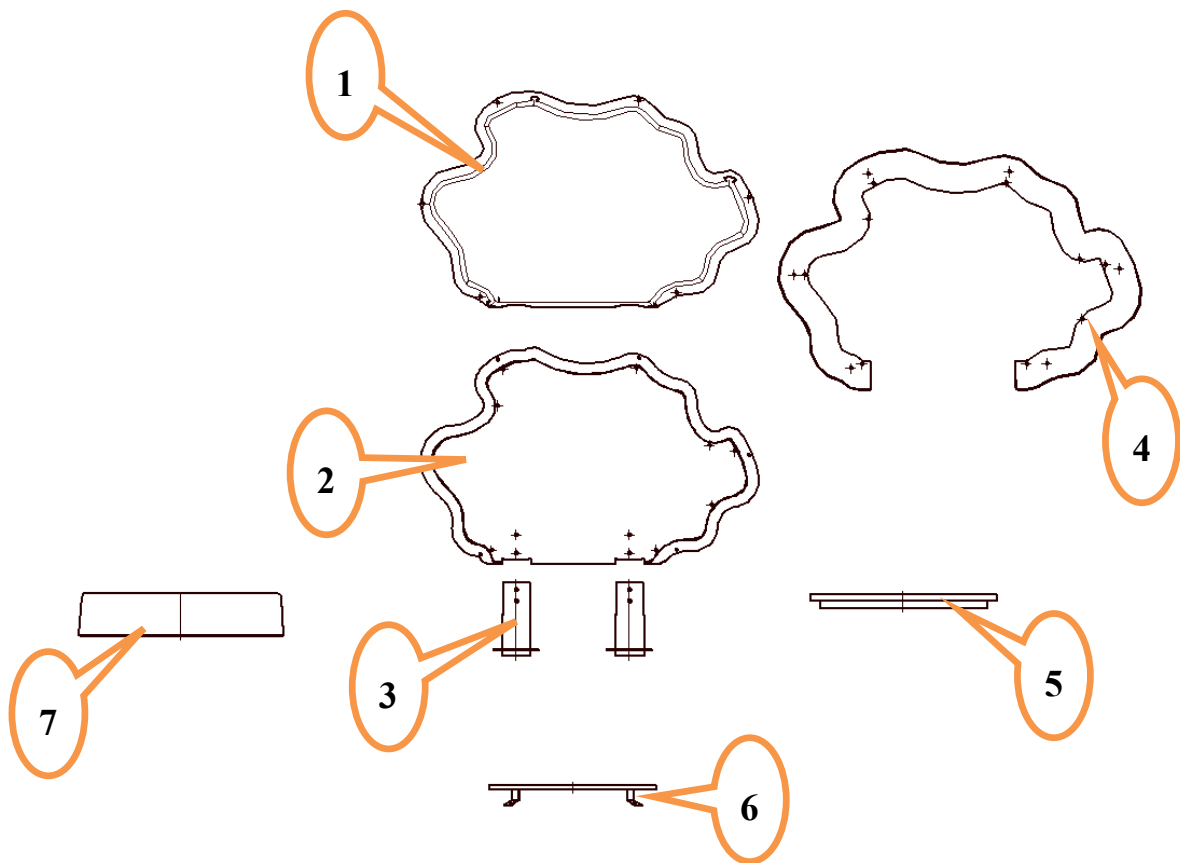


Part List

Main Frame

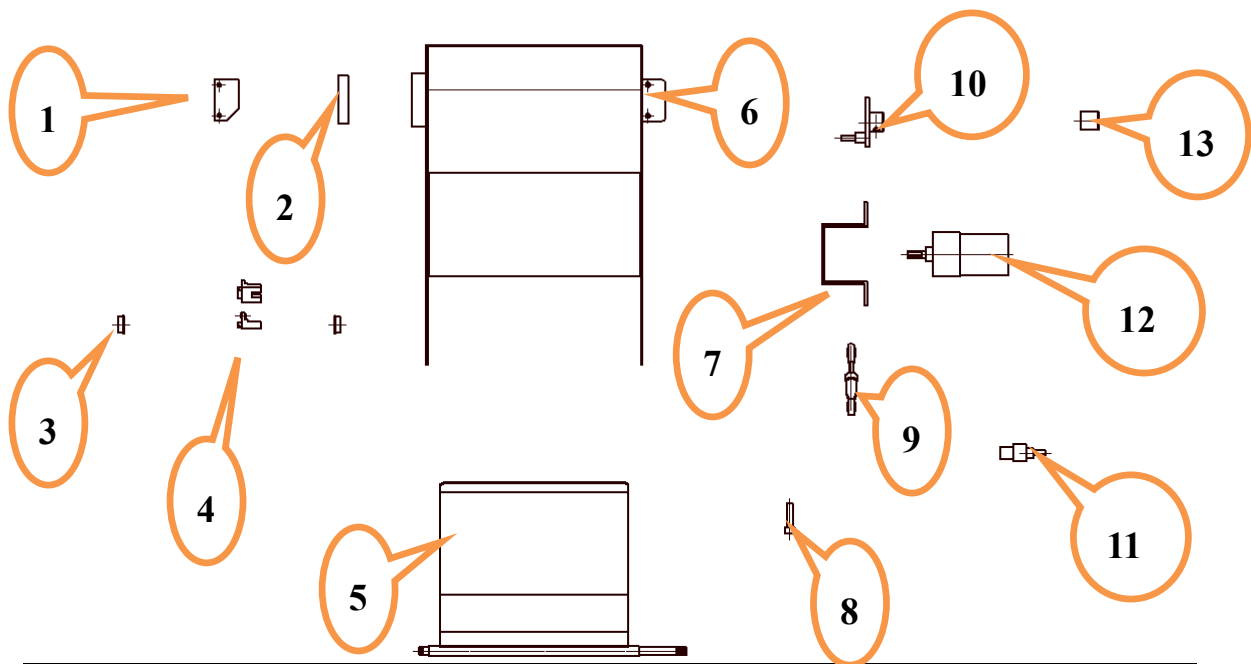


Light box



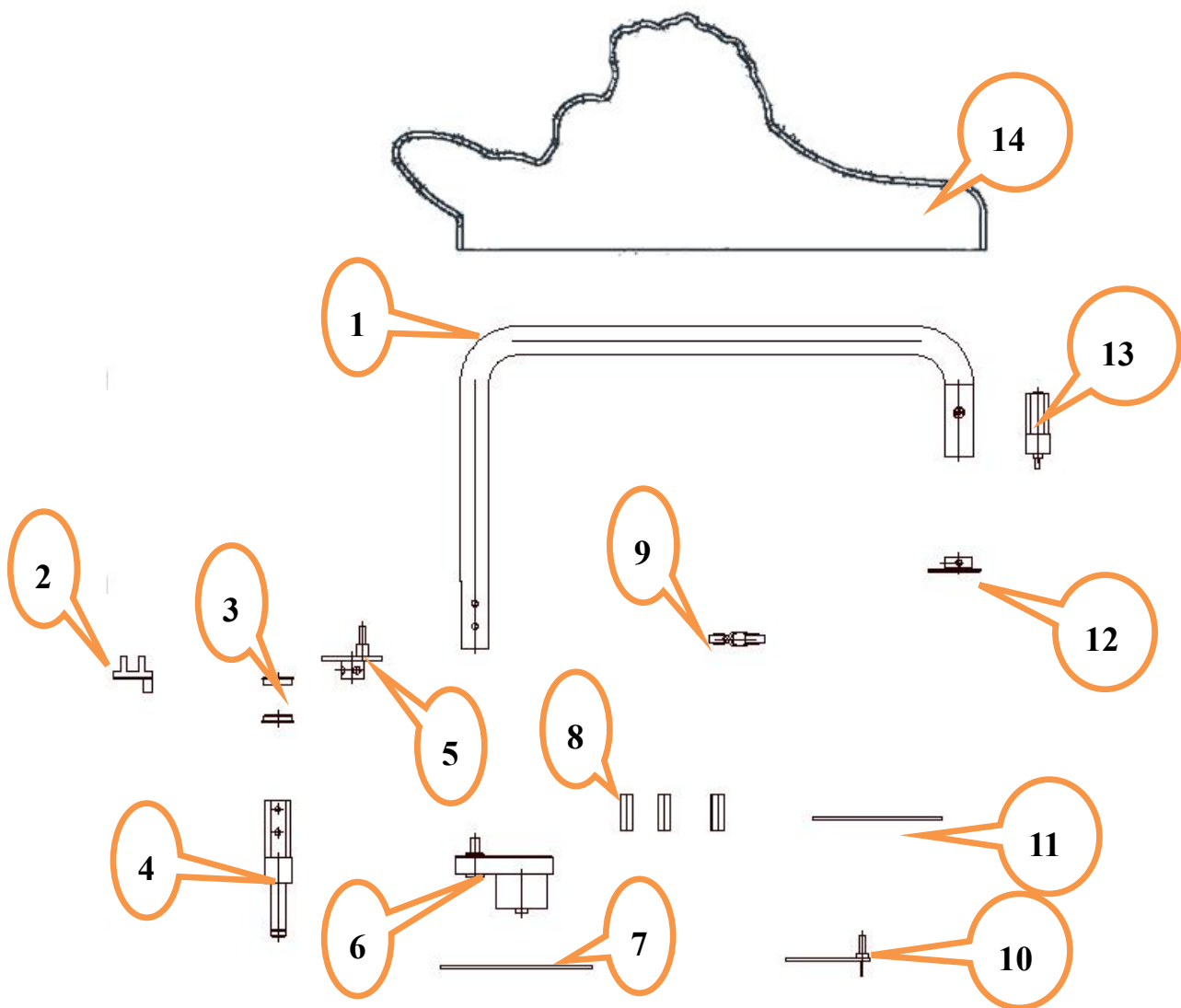
NO.	ITEM	NAME	MATERIAL	QTY
1	TKDMX.04-11	Lamp box plastic	white plastic film	2
2	TKDMX.01-27	Backboard of light box	15mm double faced white medium density fiberboard	1
3	TKDMX.03-21	Lamp box fixed frame	Stainless steel round tube	LEFT 1 RIGHT 1
4	TKDMX.05-11	Light box organic sheet	Transparent organic tablet	1
5	TKDMX.01-36	Base plate A	15mm splint	1
6	TKDMX.01-37	Base plate B	15mm splint	1
7	TKDMX.04-09	Pedestal cover	Blue ABS	1

Falling gift mechanism



NO.	ITEM	NAME	MATERIAL	QTY
1	TKDMX.DQ-09	Infrared to A	SJMHW-IN.PCB	1
2	TKDMX.DQ-10	Infrared to B	SJMHW-OUT.PCB	1
3	TKDMX.WG-07	Bearing	F6800	2
4	TKDMX.DQ-04	T4 infrared plate	MOC70T4.PCB V2.1	2
5	TKDMX.03-06	Gift baffle	Stainless steel 201	1
6	TKDMX.03-12	Gift bucket	Stainless steel 201	1
7	TKDMX.03-11	Motor fixed sheet metal	Stainless steel 201	1
8		Inner six angle screw	4X20	1
9	TKDMX.WG-09	Bearing joint	SI4	2
10	TKDMX.03-07	Partial connecting rod	Stainless steel 201	1
11	TKDMX.02-08	Eccentric rod	Stainless steel 201	1
12	TKDMX.WG-04	Motor	37JB DC12V 10RPM short axis	1
13	1.50.0047	White Nylon mat	Nylon	1

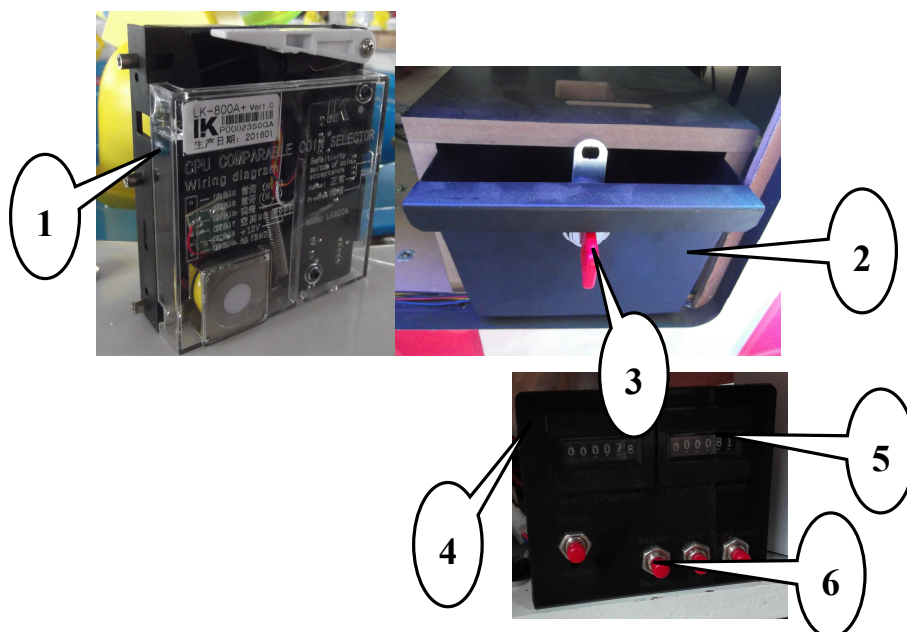
Gift pusher



NO.	ITEM	NAME	MATERIAL	QTY
1	TKDMX.03-22	Mechanical arm	Stainless steel	1
2	TKDMX.DQ-04	T4 infrared plate	MOC70T4.PCB V2.1	1
3	TKDMX.WG-08	Bearing	F688	2
4	TKDMX.02-03	Branch shaft	Stainless steel 201	1
5	TKDMX.03-07	Partial connecting rod	Stainless steel 201	1
6	TKDMX.WG-01	Motor	56F520-200 12V7RPM short axis	2
7	TKDMX.03-03	Motor fixed sheet metal A	Stainless steel	2

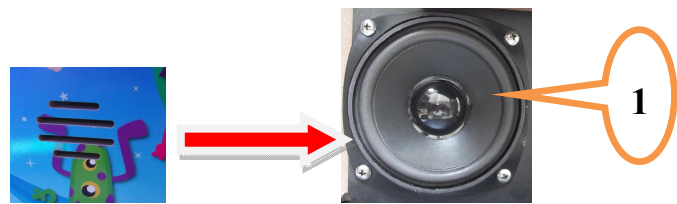
8	TKDMX.02-11	pillar	Q235	3
9	TKDMX.WG-09	Bearing joint	SI4	3
10	TKDMX.03-02	Bearing joint	Stainless steel 201	2
11	摆杆下板	Motor fixed sheet metal B	Stainless steel 201	2
12	TKDMX.02-02	Turn flat	Stainless steel 201	1
13	TKDMX.WG-02	Motor	16A050-362 12V120RPM	1
14	TKDMX.05-15	Mechanical arm organic sheet	Transparent organic film	

Coin Parts



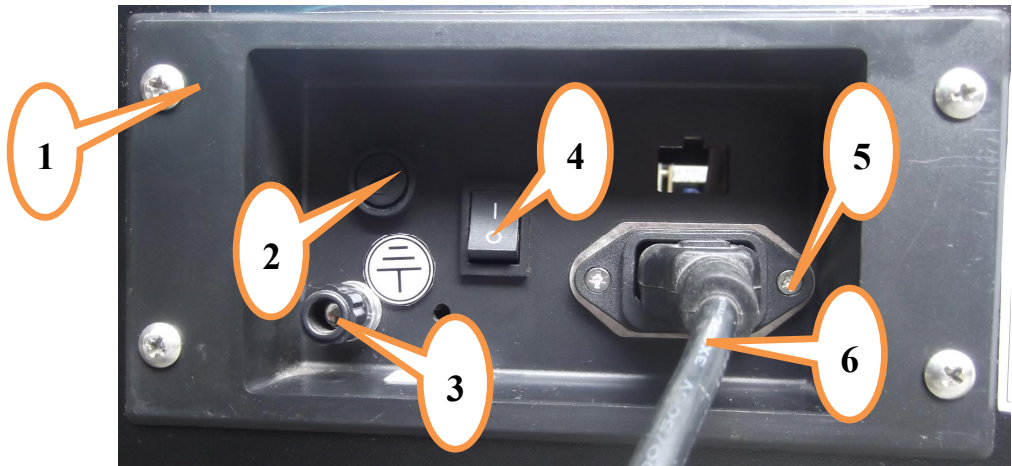
NO.	STANDARD NO.	NAME	SPEC/MATERIAL	QTY
1	TKDMX.DQ-16	Coin acceptor	Drop Electric LK800A+	4
2	TKDMX.03-26	Coin box	Iron	4
3	TKDMX.DQ-16	Lock AH78	Lock 78	4
4	1.50.0061	Counter frame	Black plastic	1
5	1.50.0062	6 Digital counter	C-012	2
6	1.45.0005	Small Red Button		4

Speaker



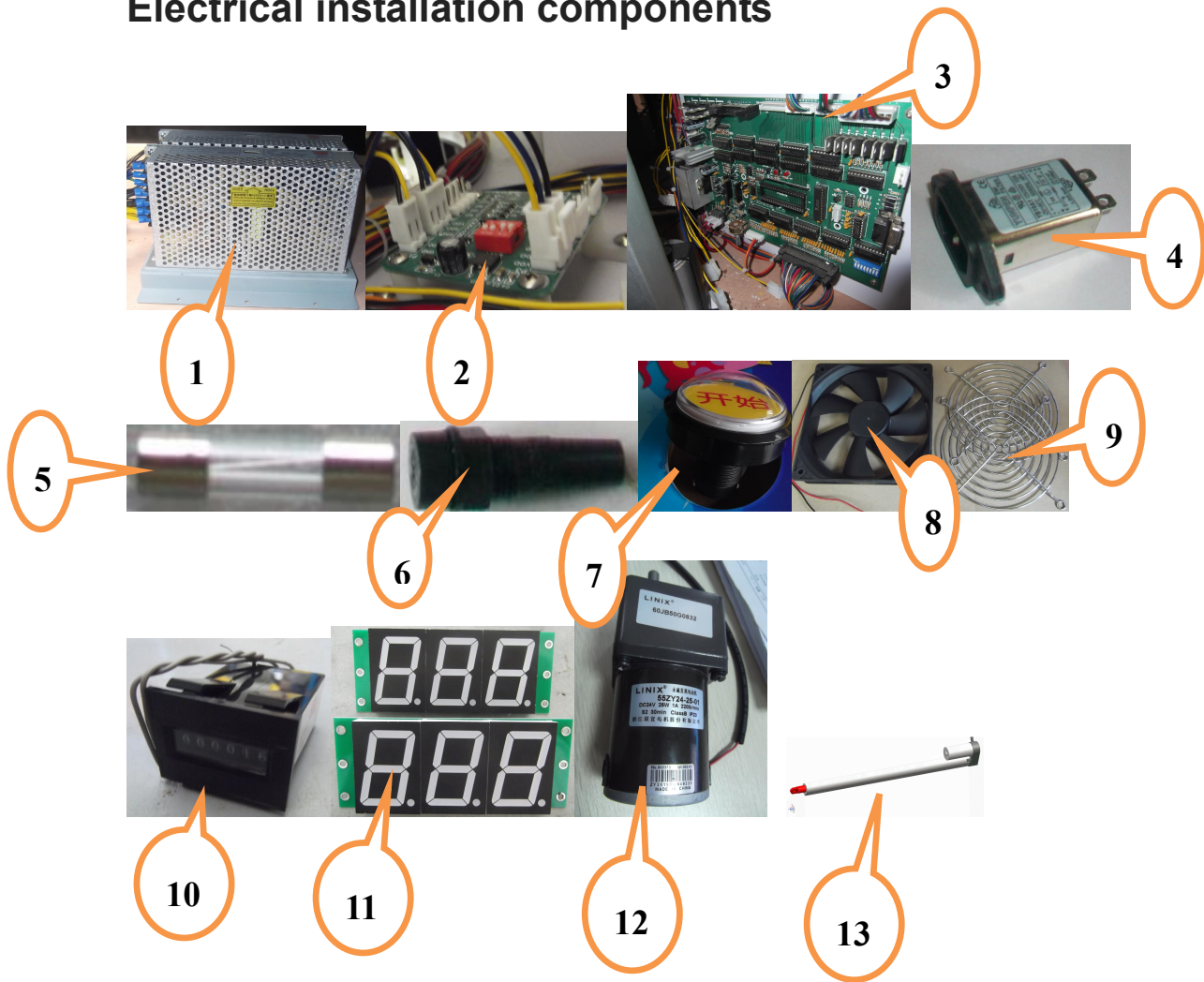
NO.	STANDARD NO.	NAME	SPEC/MATERIAL	QTY
1	TKDMX.DQ-27	Round whole sound speaker	4 inch 8Ω15W	2

Insurance tube and power supply



NO.	STANDARD NO.	NAME	SPEC/MATERIAL	QTY
1		Power Box	Black Plastic	1
2	TKDMX.DQ-22	Fuse holder	HJMF-527	1
3	TKDMX.DQ-25	Ground Pole		1
4	TKDMX.DQ-23	Rocker Switch	Black Plastic	1
5	TKDMX.DQ-24	Power Supply Outlet		1
6	1.26.0001	Power Supply Wire	1.8M	1

Electrical installation components



NO.	STANDARD NO.	NAME	SPEC/MATERIAL	QTY	UNIT.
	TKDMX.DQ-20	Power Supply	12V 150W	1	PC
2	TKDMX.DQ-05	12V Colorful Led Control Board	XXH-150703A	1	PC
3	TKDMX.DQ-01	Main Board	ZYKJ-2015.PCB V1.1	1	PC
4	TKDMX.DQ-24	Wave filter	YB10A1	1	PC
5	TKDMX.DQ-21	Fuse	Y101124/A1 5*20 6.3A	1	PC
6	TKDMX.DQ-22	Fuse Holder	HJMF-527	1	PC
7	TKDMX.DQ-15	M Size Button	transparent ø54mm Convex surface	4	SET
8	TKDMX.DQ-18	Exhaust fan	1804U3A 001 12V	3	PC
9	TKDMX.DQ-18	Exhaust fan net		6	PC
10	TKDMX.DQ-17	Meter	C-012	2	PC
11	TKDMX.DQ-03	Digital Tube	SMG15102-1W.PCB V3.0	4	PC
12	TKDMX.WG-03	Turntable motor	3IK15A-C 220V40RPM	1	PC
13	TKDMX.WG-05	Lift motor	XYDHA24-395	2	PC

Artwork Part

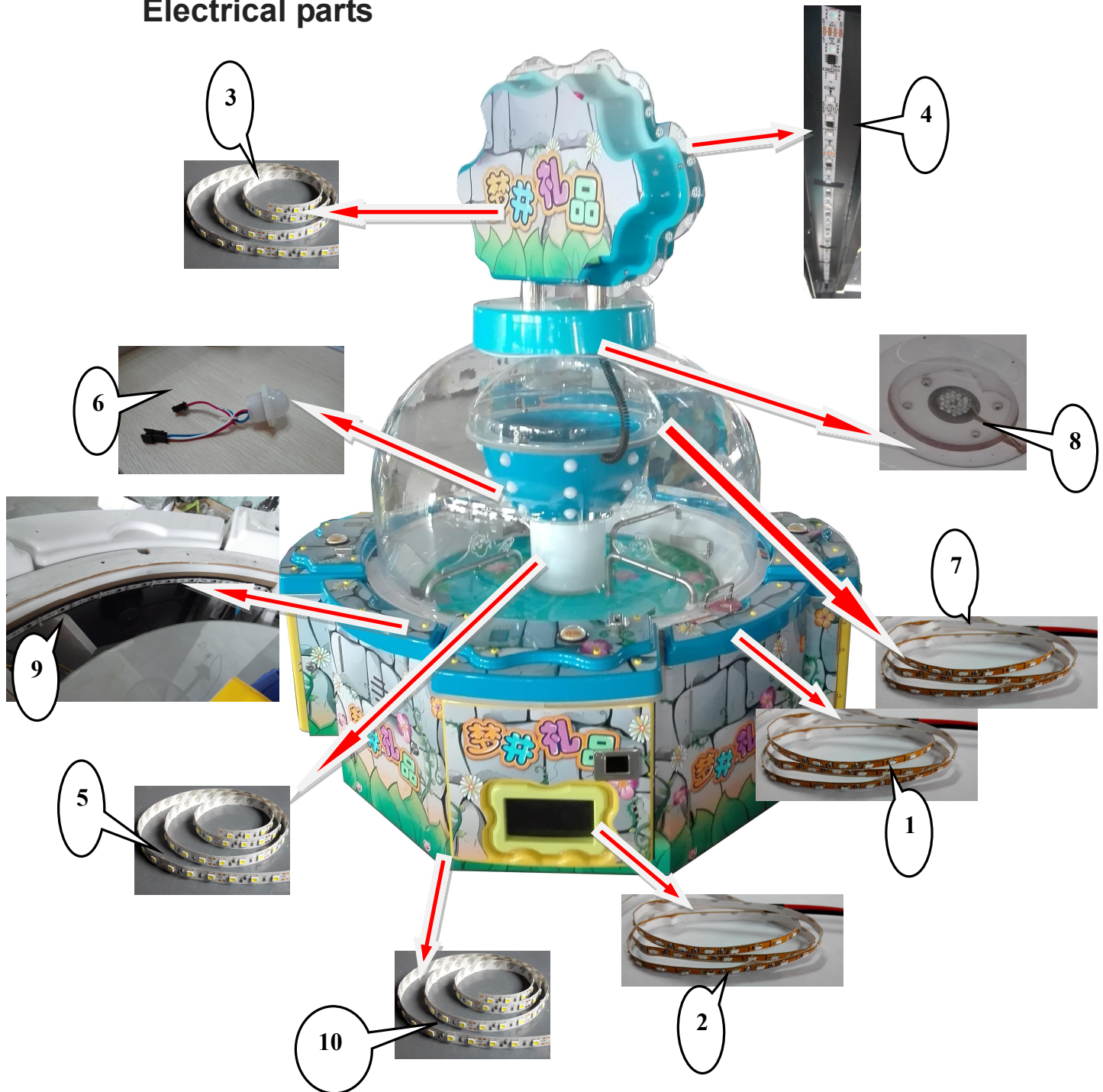


NO.	ITEM	NAME	SPEC/MATERIAL	QTY
1	TKDMX.MG-01	Light Box Picture	Silk Screen	2
2	TKDMX.MG-02	Button Picture	Vinyl	4
3	TKDMX.MG-03	Control Panel Picture	Vinyl	4
4	TKDMX.MG-04	Door Picture	Vinyl	4
5	TKDMX.MG-05	Polystyrene Sheet Picture Inside Machine	Vinyl	1
6	TKDMX.MG-06	Main Picture	Vinyl	4



NO.	ITEM	NAME	SPEC/MATERIAL	QTY
1	TKDMX.MG-08	Chinese Meter Label	White self adhesive Sheet	2
2	TKDMX.MG-09	Forklift Label	White self adhesive Sheet	8
3	TKDMX.MG-10	Please do not touch label	White self adhesive Sheet	6
4	TKDMX.MG-11	Service Door Label	White self adhesive Sheet	1
5	TKDMX.MG-12	High temperature and high pressure Label	White self adhesive Sheet	1
6	TKDMX.MG-13	High Voltage Label	White self adhesive Sheet	1
7	TKDMX.MG-14	Earth Wire	White self adhesive Sheet	1
8	TKDMX.MG-15	Fuse Current Label	White self adhesive Sheet	1
9	TKDMX.MG-16	House Label	White self adhesive Sheet	1
10	TKDMX.MG-17	Lifting and anti clamp Label	White self adhesive Sheet	2
11		IO Sheet		1
12		Nameplate		1

Electrical parts



NO.	STANDARD NO.	NAME	SPEC/MATERIAL	QTY
1	TKDMX.DQ-13	LED Light-Control Panel	3528 12V Blue L:0.9m W:8mm	4
2	TKDMX.DQ-12	Gift Side LED Strip	0805 12V Green L:0.6m W:6mm	4
3	TKDMX.DQ-29	Light Box LED Strip A	MX-S5050W 0.3m	6
4	TKDMX.DQ-30	Light Box LED Strip B	RGB 5050 60 beads/0.8m	1
5	TKDMX.DQ-28	Machine column lamp strip	5050_White super light /12V/1.5m	1
6	TKDMX.DQ-26	Ball basin light	ADS-219CW	24
7	TKDMX.DQ-11	Ball basin Polystyrene light	0805 12V Green L:0.8m W:6mm	1
8	TKDMX.DQ-06	Ball basin-Top Light	ZYGD-LED-18G.PCB V1.0	1
9	TKDMX.DQ-07	Light inside Machine	RGB 5050 60 beads/1.6m	1
10	TKDMX.DQ-08	Machine base light	3528 12V Blue L:2.5m W:8mm	1
11	TKDMX.DQ-14	Mechanical arm Light	0805 12V Blue W:0.3m W:6mm	4

IO-V1.2

Item	Option	SW1							
		1	2	3	4	5	6	7	8
COIN PER GAME	1	off	off						
	2	on	off						
	3	off	on						
	4	on	on						
GAME TIME(S)	NO			off					
	9			on					
FREE PLAY	CLOSE				off				
	OPEN				on				
DEMO MUSIC	CLOSE					off			
	OPEN					on			
NUMBER OF BALLS	NO						off	off	
	1						on	off	
	1.5						off	on	
	2						on	on	

Mainboard : ZYKJ_2016.PCB V1.2

INPUT:

INPUT	CONTENT	INPUT	CONTENT
J13-1 (1)	1# coin signal	J13-9 (9)	2# coin signal
J13-2 (2)	1# Start Button	J13-10 (10)	2# Start Button
J13-3 (3)	1# Starting swing rod	J13-11 (11)	2# Starting swing rod
J13-4 (4)	1# Open gift gate	J13-12 (12)	2# Open gift gate
J13-5 (5)	1# Close gift gate	J13-13 (13)	2# Close gift gate
J13-6 (6)	1# Gift mouth IR	J13-14 (14)	2# Gift mouth IR
J13-7 (7)	1# Service button	J13-15 (15)	2# Service button
J13-8 (8)	Supplement gift IR	J13-16 (16)	Supplement gift IR

OUTPUT :

OUTPUT	CONTENT	OUTPUT	CONTENT
J2-1 (1)	1# Swing rod motor	J3-1 (9)	1#Button light
J2-2 (2)	2# Swing rod motor	J3-2 (10)	2#Button light
J2-3 (3)	3# Swing rod motor	J3-3 (11)	3#Button light
J2-4 (4)	4# Swing rod motor	J3-4 (12)	4#Button light
J2-5 (5)	1# Gate motor	J3-5 (13)	1#Gift mouth light
J2-6 (6)	2# Gate motor	J3-6 (14)	2#Gift mouth light
J2-7 (7)	3# Gate motor	J3-7 (15)	3#Gift mouth light
J2-8 (8)	4# Gate motor	J3-8 (16)	4#Gift mouth light

Expansion board : KZ2016.PCB V1.0

INPUT:

INPUT	CONTENT	INPUT	CONTENT
J7-1 (1)	3# coin signal	J7-9 (9)	4# coin signal
J7-2 (2)	3# Start Button	J7-10 (10)	4# Start Button
J7-3 (3)	3# Starting swing rod	J7-11 (11)	4# Starting swing rod
J7-4 (4)	3# Open gift gate	J7-12 (12)	4# Open gift gate
J7-5 (5)	3# Close gift gate	J7-13 (13)	4# Close gift gate
J7-6 (6)	3# Gift mouth IR	J7-14 (14)	4# Gift mouth IR
J7-7 (7)	3# Service button	J7-15 (15)	4# Service button
J7-8 (8)		J7-16 (16)	

OUTPUT :

OUTPUT	CONTENT	OUTPUT	CONTENT
J1-1 (1)	Coin counting	J1-9 (9)	
J1-2 (2)	Gift counting	J1-10 (10)	
J1-3 (3)	Supplement gift motor	J2-1 (11)	
J1-4 (4)		J2-2 (12)	
J1-5 (5)		J2-3 (13)	
J1-6 (6)		J2-4 (14)	
J1-7 (7)		J2-5 (15)	
J1-8 (8)		J2-6 (16)	

LED DISPLAY:

LED<1>1	1#TIME
LED<1>2	2#TIME
LED<1>3	3#TIME
LED<1>4	4#TIME

TEST METHOD:

0	Press the TEST key to enter the test program and operation mode LED<1>LED<2>LED<3>LED<4> 8.8.8.8.8.8.8. all display, While playing zeroth music, digital tube test is correct or not, (all disposable test 32 digital tube)
1	Press SERVICE key once, the digital tube display: 1.2.3.4.5.6.7.8., at the same time play first pieces of music
2	Press the service button, enter the drawing code switch test, at this time, digital tube LED<1>1,2,3,4 bit display the drawing code SW1, SW2, SW3 and SW4 state and other digital tube display 22, digital tube all flashing three times after the stop, while playing music in the second paragraph
3	Press the SERVICE key once again, enter the switch number display, according to the corresponding switch display the corresponding input number. At this point, the LED<1>1,2 bit display the corresponding number. The other display is 33, while playing third music
4	Then press the service button into the IO port test status: This IO port chasing light output, digital tube display 4444, while playing the music
5	Again press the service button, enter the music test, while playing music in the fifth paragraph, digital tube LED<1>1,2 display: a music test project code and other digital tube display 5555. Test: According to switch the key music segment decreased, increased according to the second key music segment switch, each according to the second key are will play corresponding music and execution loop. 0---8, 9 music.
6	Press SERVICE again to return to the first item 1.2.3.4.5.6.7.8. display test, so loop.
7	Any process and then press the TEST key to exit the test, the output clearance, please reset and then start the game.

Memory Delete:

Prss the "TEST" button, then press "SERVICE" button to restart the machine can remove memory data

Play instructions:

- 1.Insert coin to start game,Button blink.
- 2.Press the button,The swing pole make the gift into export.

Error Code:

E1 gift door on the infrared error
E2 gift door under infrared error
E3 Error in the initial position of the pendulum rod
E4 add gift infrared error

When the gift is owed, the digital display will show “H”. If the service staff presses the “repair” button after loading the gift, the missing gift will be produced.

Owe gift tips:

When the gift is added, the “Card Gift” or “Undelivered Gift” LED displays “H”. After the gift is repaired, the repair button is repaired.