In order to prevent the variety of problems which caused by incorrect operation，Please read the manual first before operating this machine and pay attention to the items marked in “note”.

Please keep this manual carefully for checking when needed.

Summary

- ✧ Transportation, installation, safe operation of moving and operating methods and attentions;
- ✧ Installation and operation;
- ✧ Function adjustment;
- ✧ Maintenance;
- ✧ General troubleshooting and solutions;
- ✧ Main components diagram;
- ✧ Circuit connection diagram.

Safety Attentions

1) Certain part of the game is with high voltage. Adjust the game by technician. Do not open the game door unless maintenance or parts replacement is required.

2) Please switch off the power before checking and maintenance.

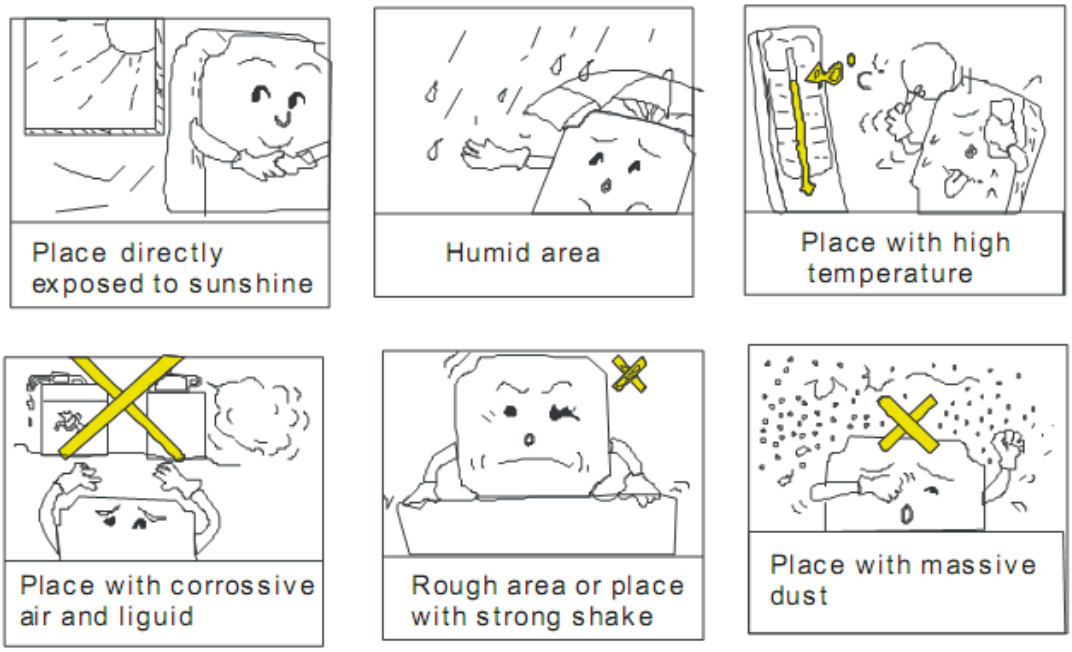
3) Please switch off the power before opening the game door.

4) Fire extinguisher equipment must be nearby the game.

Installation

The game must be located properly to avoid damages.

Improper Locations:



Notes of Usage

1) The voltage range of the game should be 105V~115V or 215V~225V. The proper voltage should be 110V/220V. The specific voltage accords to the data plate on the back door of the game. The voltage must be correct; otherwise it would be difficult to repair the damage.

2) The plug must be plugged in tightly and keep the power cords not be

too tight and damaged in order to prevent bodily injury, short-circuit and power leakage.

3) To put the machine to normal operating, please properly adjust the coin match and the game settings when use at the first time.
4) Please regularly check all the functions of the game when operate to prevent dysfunction.

Notes of Maintenance

1) Be sure to check and maintance the game regularly.
2) Switch off the power before replacing the parts of the game.
3) The parts for replacement should be the same model as the old one.
4) Please check the connection and voltage output after replacing the power supply.
5) The voltage range of the PCB should be 5.1V-5.4V.
6) Check whether the game has creepage and the voltage before repairing the PCB.

Notes of Clean

1) Please use clean and soft cloth to clean the game.
2) Prevent damaging the surface of the game, please do not use the following cleanser:

- Alterative Cleanser；
- Acidic Cleanser；
- Insecticide, sterilized water, alcohol or other chemical cleanser.

Notes of Moving and Shipping

1) Properly disassemble the game for necessary moving and shipping.
2) Prevent the game from hitting or being attrite during movement.
3) Protecting the case when move the game.

CONTENT

GAME INTRODUCTION----------5

PLAYING TIPS----------6

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GAME SETTING----------10

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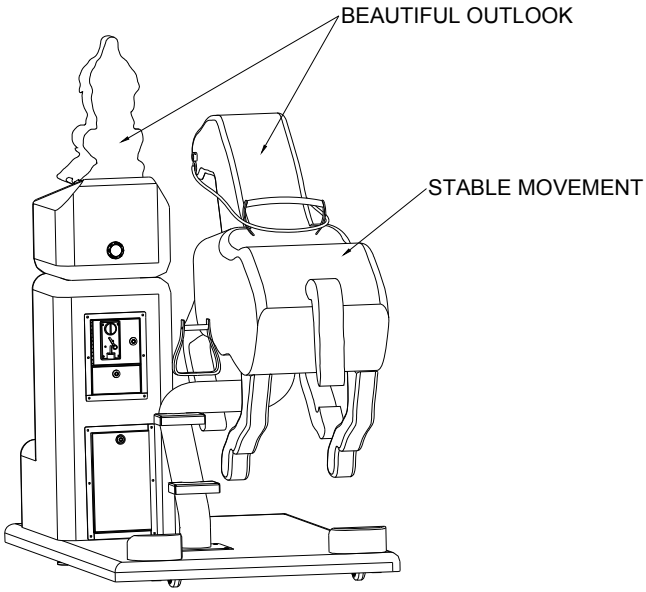
1. GAME INTRODUCTION

Geronimo's Horse with unique, beautiful, comic and simulation car appearance, interesting and exciting game, it is specially designed and developed by our company for the young people. It will be very essential and popular in amusement center.



Features:

Beautiful outlook

Integrated main board, high-speed processing CPU, stable proformance.

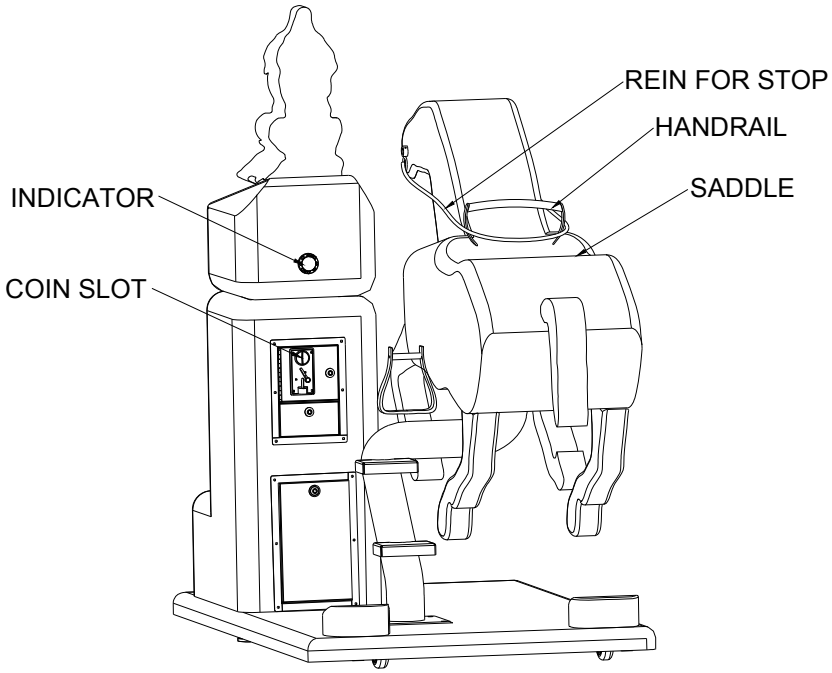
Coin mech with high quality fits for various coins.

Simple, stimulating, strong operational sense and full of entertaining.

Operating income can be adjusted according to the situation.

2. PLAYING TIPS

Ride on the Geronimo's Horse and insert coin, the game will start automatically. It will move up and down, forward and backward.; when the game time is up, it will stop. If urgent stop needed, please pull the rein to stop the game.



3. TECHNICAL PARAMETER

VOLTAGE: AC220V/110V（50/60HZ）

MAX. CURRENT：2A/4A

(Note: please refer to the nameplate located on the back of the games to check actual usage of voltage.)

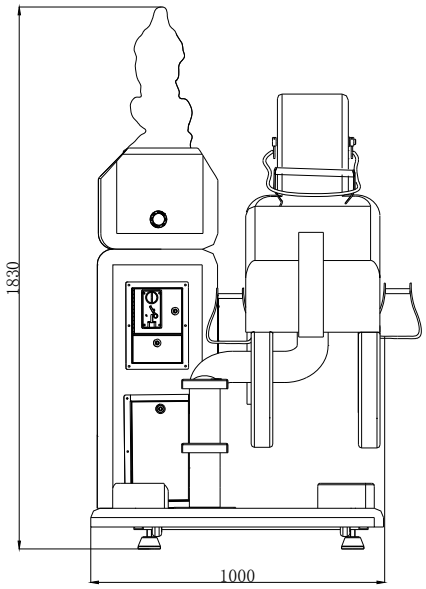
MAX. POWER: 450W

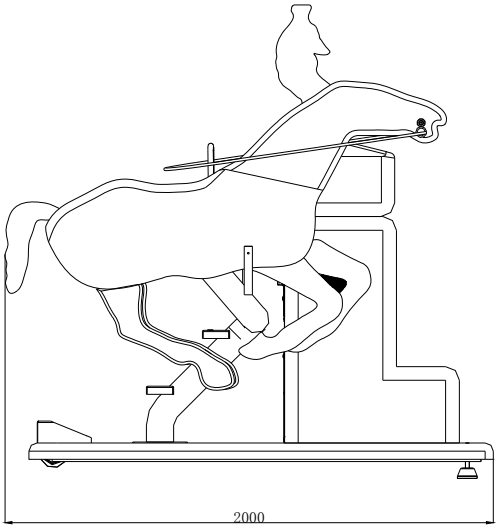
COIN SIZE：φ21mm ~ φ30mm (diameter)

1.2mm ~ 2.5mm (thickness)

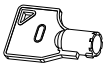
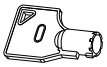
CAPACITY OF COIN BOX: 1200pcs of coins with coin sizeφ25mm*1.5mm

LOCATION REQUIRED: -5 ~ 40℃, humidity is less than 90%. No contact with any corrosive liquid, no any greasiness and dirt.





Parts shipped with the game:

#	DRAWING	NAME	SPEC./MODEL	QTY
1		key	1285＃	2
2		key	1396＃	2
3		manual		1

4. INSTALLATION

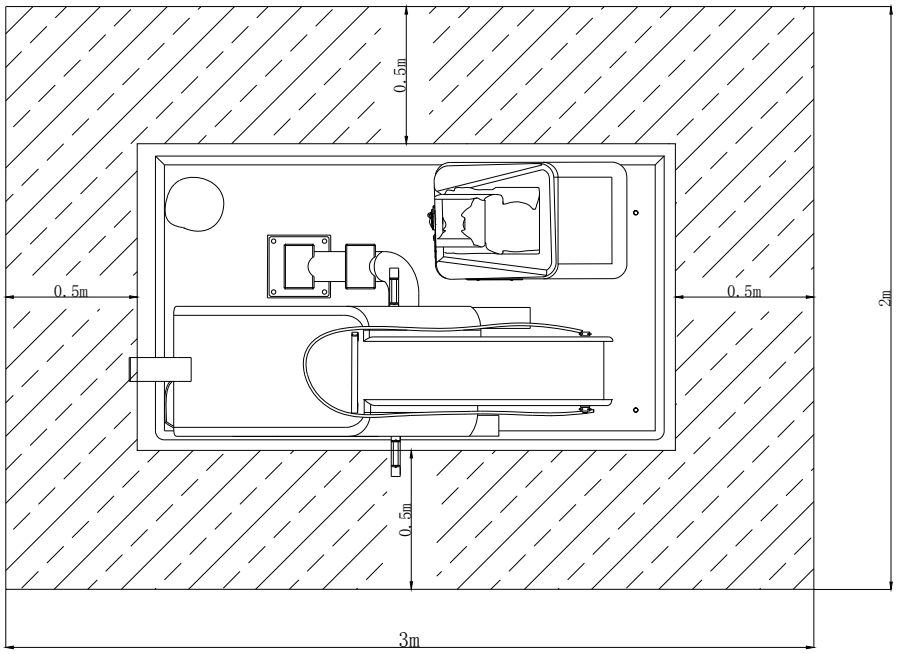
Please follow the direction below to install the game.

4.1 CHOOSE THE LOCATION FOR INSTALLATION

1) Put the Geronimo's Horse in the same type of Kiddie Ride with monitor then select the concrete placement machine according to the machine's exterior.

2) Choose the proper location for installation,

NOTE：It must be placed on the flat floor to make the machine on the ground steadily.



4.2 CHECK AND SET BEFORE CONNECTING THE POWER

1) Please check whether the parts of cabinet are loose caused by moving, and the wire terminal should not drop out from the port.

2) Check whether the GND is connected.

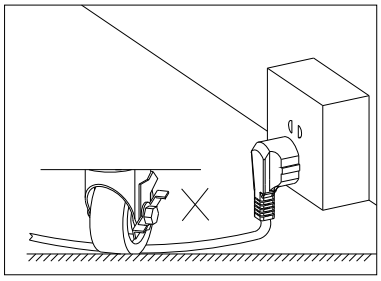
3) Please check whether the resistance of power input at the both ends for GND is more than 100 megohm.

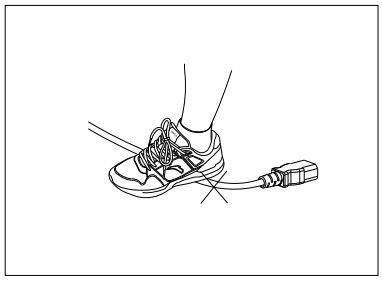
4) Adjust the coin machine and check if it can work properly.

5) Connect the wires.

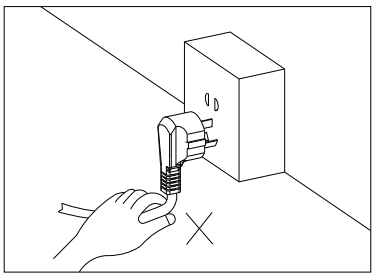
Attention

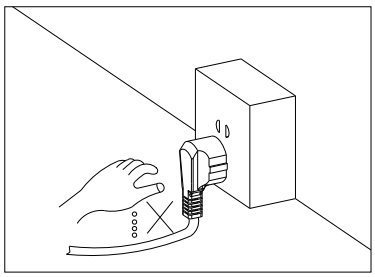
A Please make sure the power cord is not pressed by wheel, foundation, etc. Otherwise, it will damage the wire to cause short circuit, even fire. Do not use strong power to extend and wring the wires. Do not make the wire be near to the high temperature object. Properly put the wire to avoid any kicking or treading.





B Hold the plug to pull it out from the socket. Do not touch the plug with wet hands.

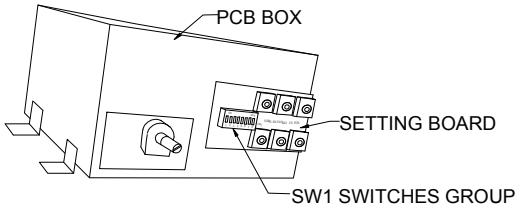




5. GAME SETTING

Descriptions:

Step 1: open the coin door to find DIP SW1 setting group on setting board



Step 2: set the game according to below setting chart:

SETTINGS \ DIP SW1		1	2	3	4	5	6	7	8
no. of coin per play	1 coin	OFF	OFF						
	2 coins	ON	OFF						
	3 coins	OFF	ON						
	5 coins	ON	ON						
game time per play	60 sec.			OFF	OFF				
	90 sec.			ON	OFF				
	120 sec.			OFF	ON				
	180 sec.			ON	ON				
waiting time for playing DEMO music	120 sec.					OFF	OFF		
	180 sec.					ON	OFF		
	90 sec.					OFF	ON		
	60 sec.					ON	ON		
DEMO music	ENABLE							OFF	
	DISABLE							ON	

No. of coin per play: this setting decides how many coins for each play.

Game time: this setting decides how long the game time is for each play.

Wating time for playing DEMO background music: this setting decides how long the waiting time is for each demo music play.

DEMO background music switch: this setting decides to if enable the demo music.

6. CHECK BEFORE OPERATION

Check the game before operation to prevent the game from working improperly when operated.

Checking item：

1) Check if the cord is securely plugged in and without defects.
2) Check the location of game and confirm it is fixed securely.
3) Check if the game case is without defects or burrs.
4) Check if the game without dirt and properly stuck on with marks.
5) Switch on the game.
6) Confirm the background music is with any problems.
7) Confirm the coin mech can work properly.
8) Coinfirm the game is with proper movements.

7. DAILY OPERATION

INPUT POWER TO OPERATE

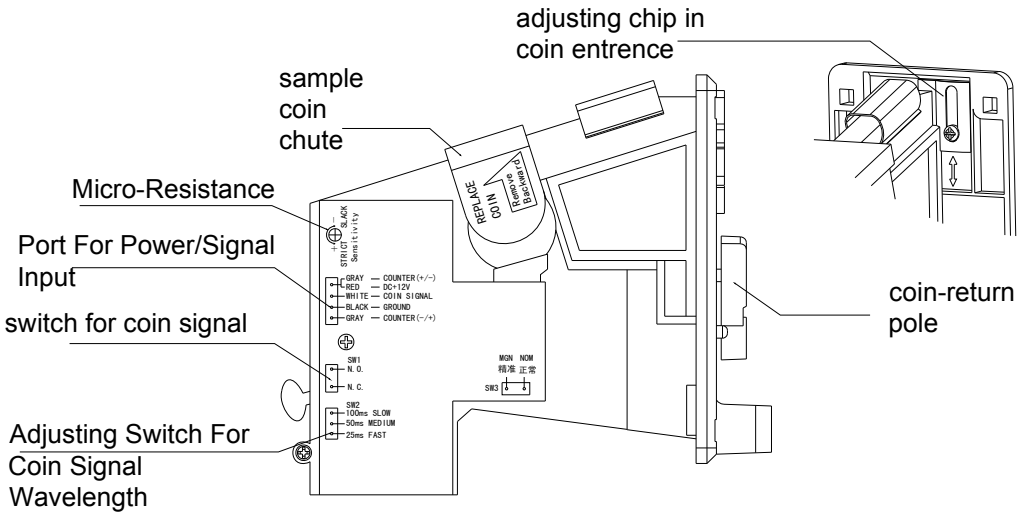
1) Check if the coin mech can work properly.
2) Check if the game moves properly
3) Check if the game has any strange sound.

COLLECT COINS AND KEEP RECORD

1) Switch off the power and open the door of the coin box to take out the coins
2) Open the door of the coin mech to keep a record of the coins' quantity.

8. ADJUSTMENT

8.1 ADJUT THE COIN MECH



Descriptions:

1): Please take out the plastic coin from sample coin chute and replace it with token.

2): Remove the screws on back of coin entrance. Adjust the fixing chip on back of coin entrance according to the token's diameter, which prevent blocking the coin mech as inserting the large coin in by mistake.

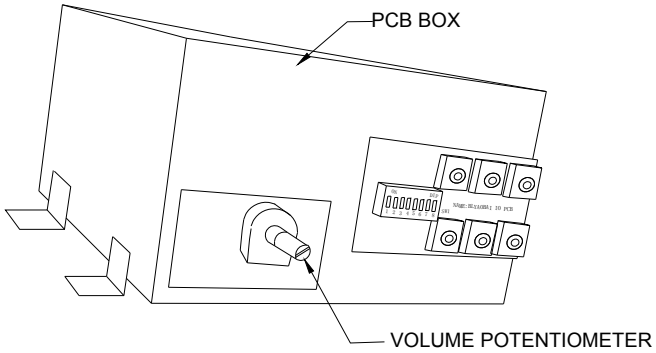
3): Turn the COIN Switch to "NO" (COIN Signal wire and GND should be disconnected at usual time). Turning switch can be used as the coin mech switch when the game is power on.

4): Adjust the adjusting switch of COIN Signal wave length to 50MS.

5): Adjust the micro-adjusting resistance of token tolerance. Clockwise: increasing the sensitivity of token tolerance, that is, the range of accepting the token tolerance will be larger. Counter clockwise: decrease the sensitivity, that is, the range will be smaller and choose the token more strictly.

8.2 ADJUST THE VOLUME

Step 1: open the coin door to find the volume potentiometer.



Step 2: twist the potentiometer to adjust the volume. Twist clockwisely to increase the volume, counterclockwisely to decrease the volume.

9. CHECK AND MAINTAIN

! warning

Please check and maintain the game by technicians.

Please power off the game when check and maintain.

Please do not put any tools into cabinet, otherwise it will cause problem.

After checking, please tightly screw the screws and close the door.

9.1 Daily Check

ITEM	DESCRIPTION
Coin mech	Check whether the coin mech can work proper.
Sound	Check whether the sound and the volume are ok.
Motor	Check if the motor of movements run properly.
Temperature、humidity	Check if the temperature and humidity is proper

9.2 Daily Maintenance

ITEM	DESCRIPTION
Cabinet	Clean the cabinet with water and soft paper.
PCB	Sweep the dust and dirty in the board with small brush

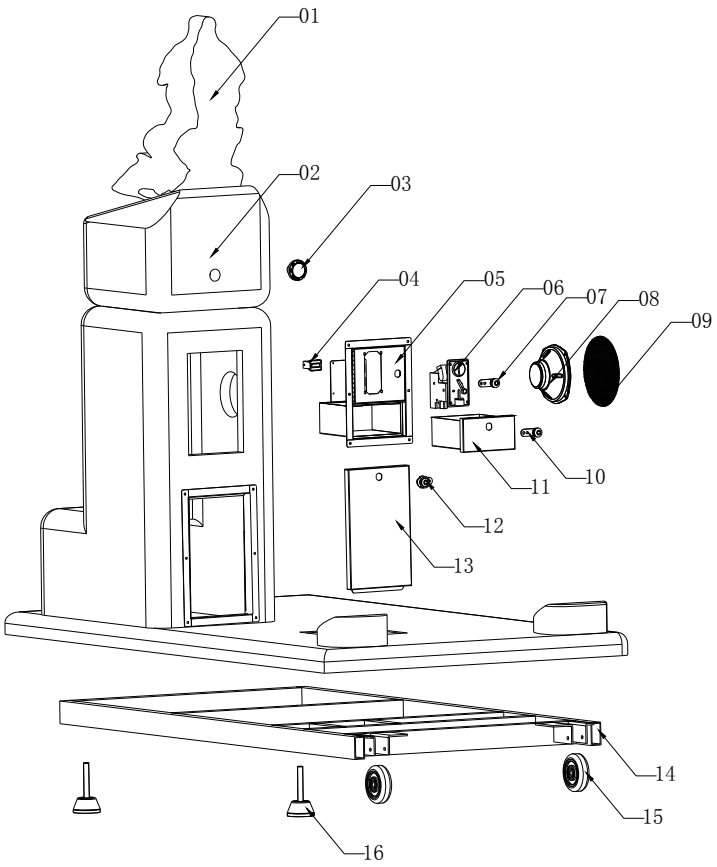
10. TROUBLESHOOTING

If you have any problems in installing or using the machine, we recommend that you firstly check the following table for possible cause of the problem and solution before asking for technical support:

PROBLEM	CAUSES	SOLUTIONS
Can't insert coin	no sample coin	insert sample coin
	sensitivity for coin was adjusted too high	adjust the sensitivity, screw the resistance (turn right)
	the coin mech is bad	replace the coin mech
The indicator light dese not light up	The connection of light is bad.	Re-connect the wires of light.
	The light port on main board is bad.	Replace or repair the main board.
can't stop the game when pull the rein.	Connection for stop switch is bad.	Reconnect the wire of stop switch.
	The stop switch is bad.	Replace the stop switch.
The motor does not work.	The transducer of motor is bad.	Adjust or repari the transducer.
	The capacitor of motor has leakage.	Replace the capacitor of motor.
No sound.	The speaker is bad.	Check and replace the speaker.
	The sound signal wire is loose.	Check the connection of sound signal.
	The volume is too low.	Adjust the volume.
No movement after switching on the game.	No AC110V/220V voltage input.	Check the power connection.
	No voltage output of power supply.	Repair or replace the power supply.
	Voltage output of power supply is too low.	Adjust the voltage to 12.5V.
	Main board is bad.	Replace the main board.

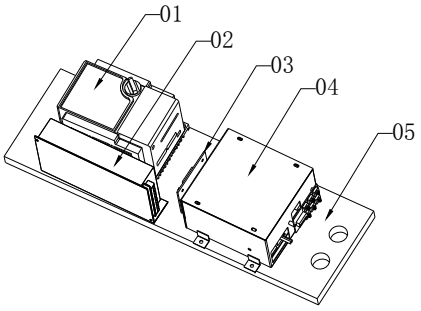
11. PARTS DRAWING AND PARTS LIST

11.1 Chassis assembly



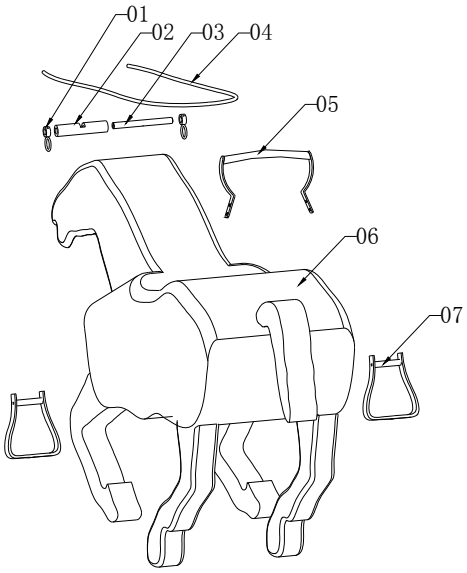
NO.	NAME / MODEL NO.	QTY
01	Fiberglass decoration wolf	1
02	Fiberglass base for wolf	1
03	LED light	1
04	Meter	1
05	Coin door	1
06	Coin mech	1
07	Lock 1285	1
08	Speaker 8Ω, 8W	1
09	Speaker mesh	1
10	Lock 1396	1
11	Cash box	1
12	Lock 1285	1
13	Service door	1
14	Chassis	1
15	Wheel	2
16	Foundation	2

11.2 Main boad assembly



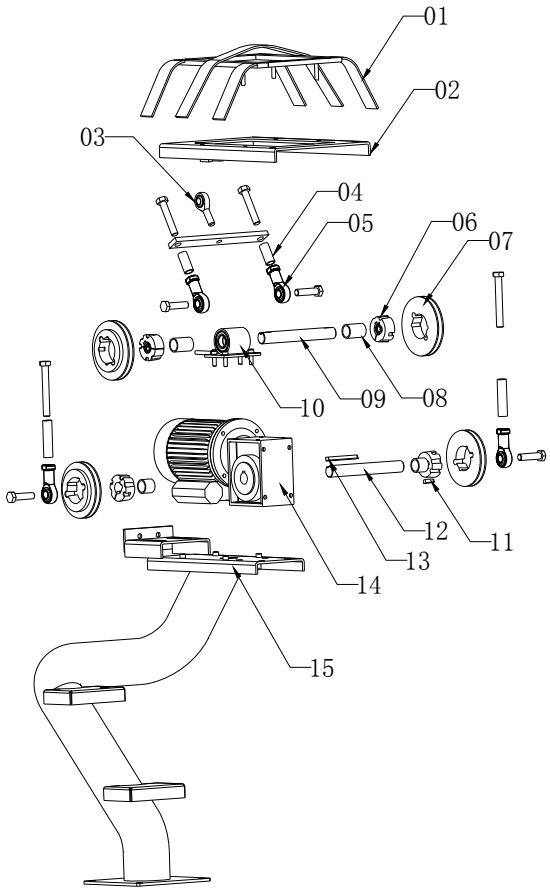
NO.	NAME/MODEL NO.	QTY
01	Transducer AS2-107	1
02	Power supply 12V 10A	1
03	Relay control board	1
04	Main board	1
05	Main board holder	1

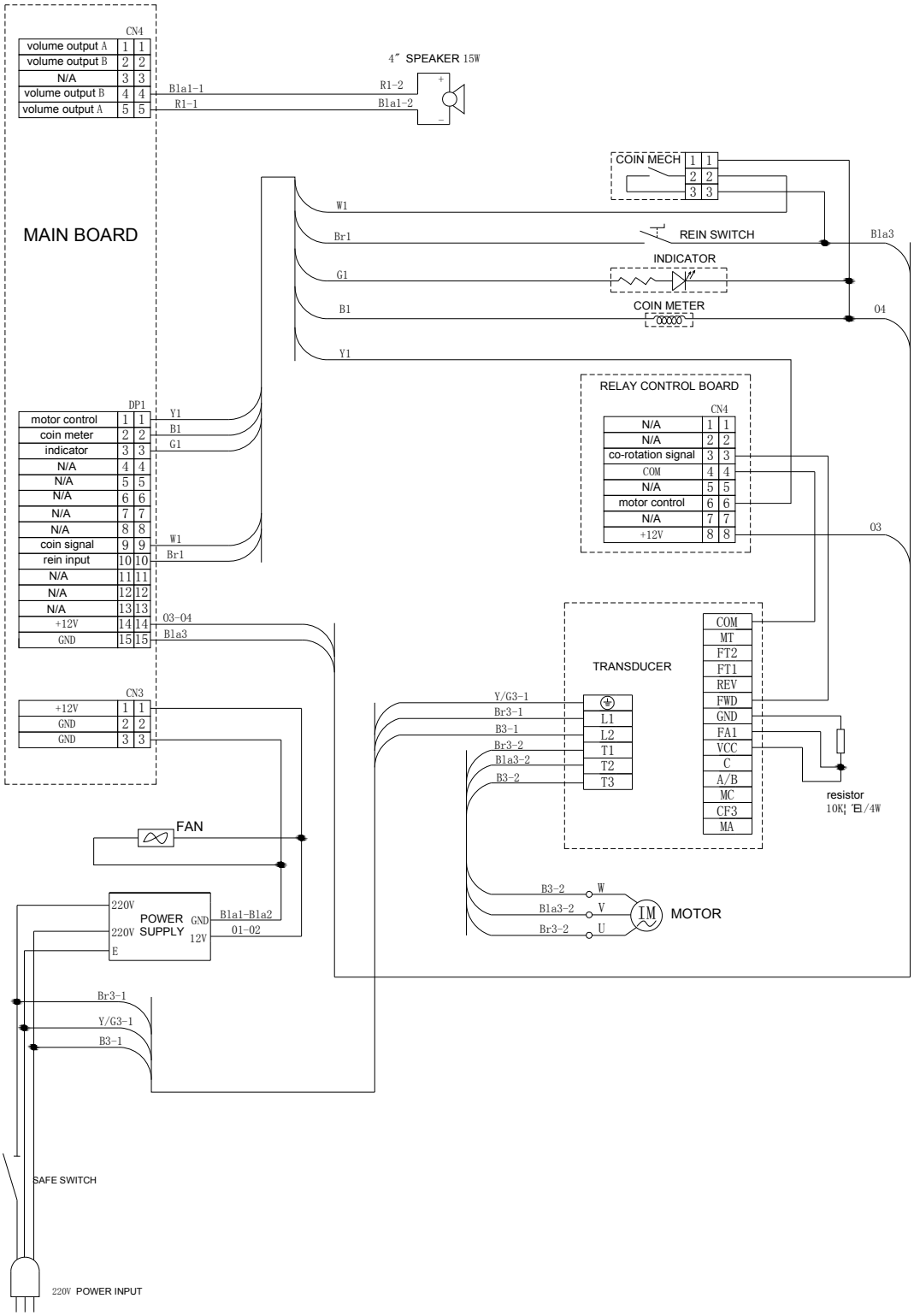
11.3 Horse assembly



NO.	NAME/MODEL NO.	QTY
01	Rein ring	2
02	Rein sleeve	1
03	Rein shaft	1
04	Rein	1
05	Handrail	1
06	Fiberglass horse	1
07	Saddle	2

11.4 Horse supporting assembly



NO.	NAME / MODEL NO.	QTY
01	Horse metal parts	1
02	Horse fixed parts	1
03	Externally threaded bearing	1
04	Short bearing	1
05	Internally threaded bearing	1
06	Belt pulley fixed sleeve	1
07	Drive belt pulley	1
08	Limit sleeve	1
09	Sheave sleeve	1
10	Belt adjustor	1
11	Belt pulley short key	1
12	Motor shaft	1
13	Motor long key	1
14	Motor FC71C4-B5	1
15	Stairs assembly	2

12. SCHEMATIC DIAGRAM