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User Manual



《Donkey Day》

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4. Safety Precautions

- ⚠ When setting up the machine, always consult a professional. Non-professionals are not allowed to configure the machine.
- ⚠ During installation, ensure all four feet are evenly placed on the floor and the product is stably positioned on a level surface. Unstable installation may cause machine damage or accidents.
- ⚠ Do not apply excessive force to movable parts during installation, as this may damage the product or cause injury or accidents.
- ⚠ This product is for indoor use only.
- ⚠ Do not place the arcade machine near emergency exits.
 - 1. Protect the machine from the following:
 - 2. Rain or damp environments.
 - 3. Direct sunlight.
- ⚠ Areas with hazardous flammable materials.
Do not place chemicals or liquid beverages on or near the machine.
- ⚠ Keep objects away from ventilation openings.
- ⚠ Avoid stretching or twisting the power cord forcefully.
- ⚠ Never insert or unplug the power supply with wet hands.
- ⚠ Ensure the voltage requirements are strictly within the specified range.
- ⚠ When using power outlets, avoid plugging multiple power cords into a single socket simultaneously.
- ⚠ Do not place power cords in walkways or high-traffic areas.
- ⚠ Thoroughly read and understand all content in this product manual.



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⚠️ Avoid using excessive force when moving the machine.

⚠️ For proper ventilation, maintain a minimum clearance of 300mm between the machine and walls.

⚠️ Unauthorized modifications to the machine's system or wiring are prohibited. Tampering with internal components may cause irreversible damage.



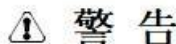
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5. Placement, fixation, relocation and maintenance

5-1. Precautions for Placement:

- A. This machine is suitable for indoor use. When used outdoors, it is necessary to pay attention to waterproofing and sun protection to avoid shortening the machine's lifespan and causing damage
- B. The location where the machine is placed must be clean and tidy, with a flat ground.
- C. The area for placing the machine must reserve at least 500mm of space in all directions to avoid unnecessary damage to the appearance of the machine.

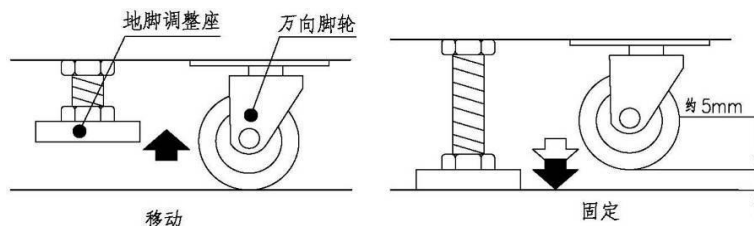
"E. The machine should not be used in the following places:



- Near dangerous goods;
- In areas with severe vibration;
- Smooth or uneven ground;
- An environment with high humidity;
- In a dusty environment.

5-2. Methods for fixing or moving the machine:

This machine must be placed on a flat ground. Push the top foot longer than the sliding casters, and it can be placed steadily. If you need to move it, rotate the top foot back lower than the casters and use the pulleys to move it.



5-3. Handling Method:

This machine must be placed on a flat ground. Push the top foot longer than the sliding casters, and it can be placed steadily. If you need to move it, rotate the top foot back lower than the casters and use the pulleys to move it.

- Before moving, the power must be turned off and the power cord unplugged. If it is transported over a long distance by car, a layer of soft padding must be wrapped on the surface.
- Random human movement, flipping, transportation, etc. can damage the equipment and disrupt its mechanical performance, etc.
- Confirm that during the processes of moving, flipping, transporting, etc., the requirements of the manufacturer must be met.

warm





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5-4. Method of plugging the power cord into the machine:

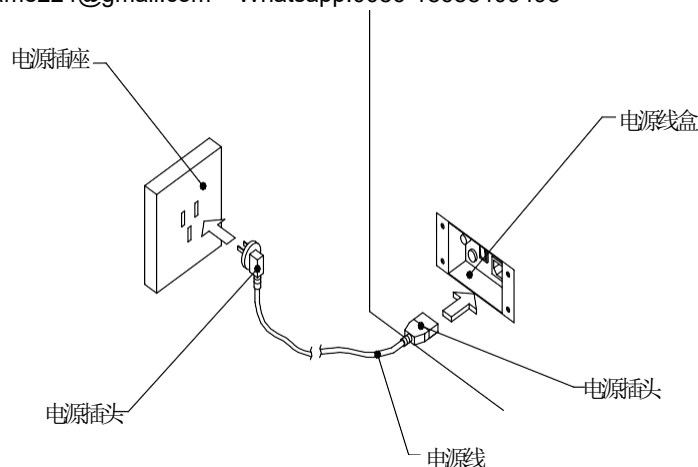
First, locate the power box at the lower back of the machine. Make sure the fuse in the power box is intact. If the fuse is not damaged, insert one end of the power cord into the hole and plug it into the power box to power on.

Warning: Before powering on the machine, make sure the fuse is installed properly and the circuit is normal!



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! Note;

- Power cords must not be pressed down by heavy objects, as this can damage the wires and easily cause short circuits. In severe cases, it may even lead to fires.
- When unplugging the power cord from the socket, you should hold the plug and not the wire.
- Do not unplug the plug directly with wet hands.
- Do not stretch or twist the power cord forcefully, and do not expose the power cord close to high-temperature objects.
- The power cord must not be easily kicked or touched by people.
- Use the correct voltage and fuse (refer to technical parameters).



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5-5 Main power switch box:

The machine voltage is applicable to AC110V or AC220V.

B. AC fuses are installed inside the fuse, with specifications of "220V 15A" and "110V 15A", and a diameter of 6mm.

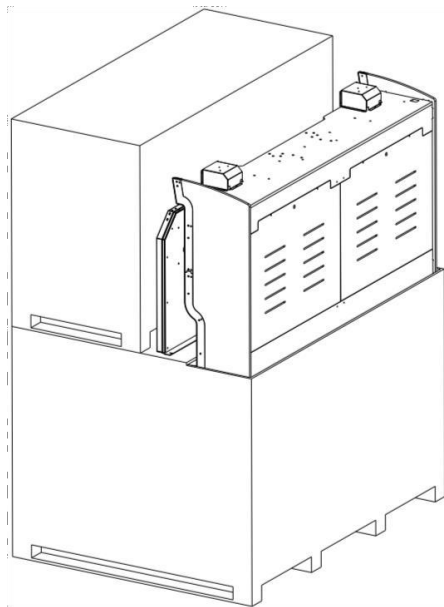
C. Grounding terminal, connected to a dedicated ground wire, with a grounding resistance of less than 0.5 ohms.

D. The power switch is used to connect or disconnect the power supply. When it is set to the "ON" position, the power is connected; when it is set to the "OFF" position, the power is disconnected.

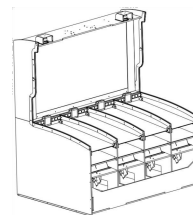
6. Pack and disassemble the parts;

6-1 Disassemble the parts as shown in the figure;

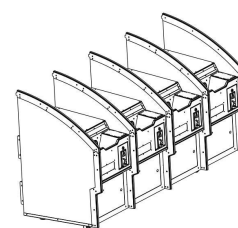
- ① Rear chassis assembly
- ② Front chassis assembly
- ③ Light sign assembly
- ④ VS lamp stand assembly
- ⑤ Left hanging lamp
- ⑥ Hang the lamp on the right
- ⑦ Seat underframe assembly
- ⑧ Seat Assembly
- ⑨ Seat pressure plate -A
- ⑩ Seat pressure plate -B



After unpacking, remove 7 pieces.



①



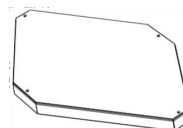
②



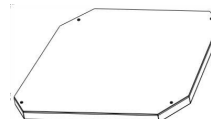
③



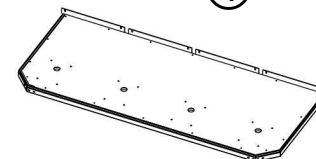
④



⑤

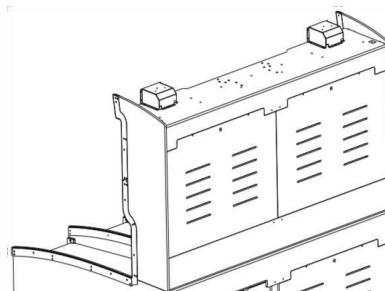
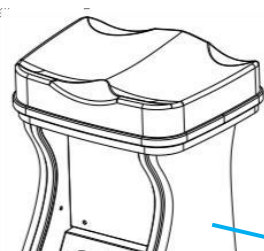


⑥



⑦

6-2 Disassemble the parts as shown in the figure;





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⑨ ⑩

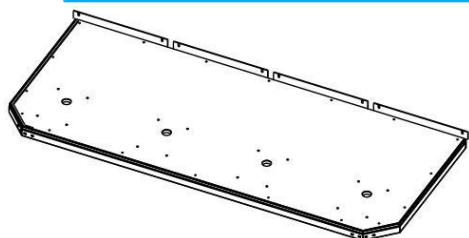
⑧

**Open the back door
and take out four
seats (numbered 1, 2,
3 and 4).**

7. Installation Instructions

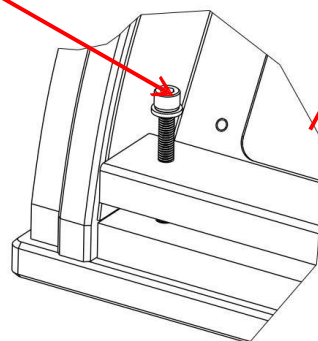
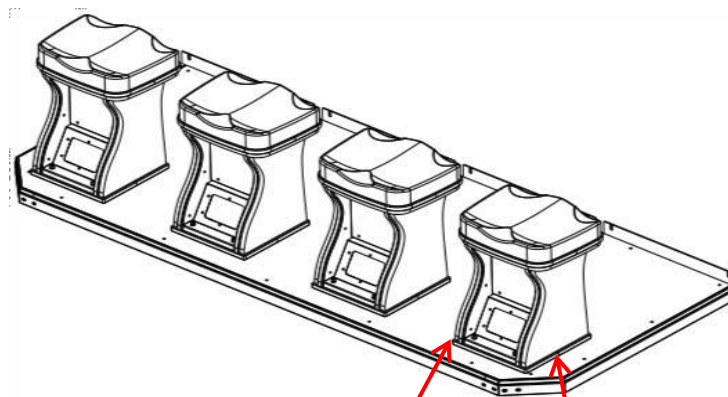
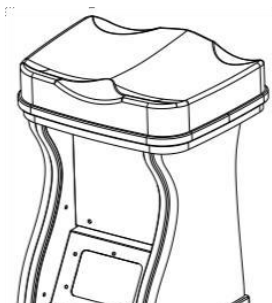
7-1. The seat installation is as shown in the figure;

1. Assign the seat numbers to the right positions.
2. Place it on the seat underframe and plug in the docking plug.
3. Ensure that the sockets are properly inserted.
4. Install a pressure plate on each of the front and rear bottom surfaces of the seat and fix them in good condition with bolts.



⑦

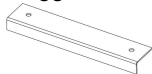
4-M6x60 hex socket
combination bolt





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⑧

⑨⑩

Note; Before fixing the bolts, make sure the inner wires are properly connected and inserted



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7-2. The connection and installation of the machine are shown in the figure.

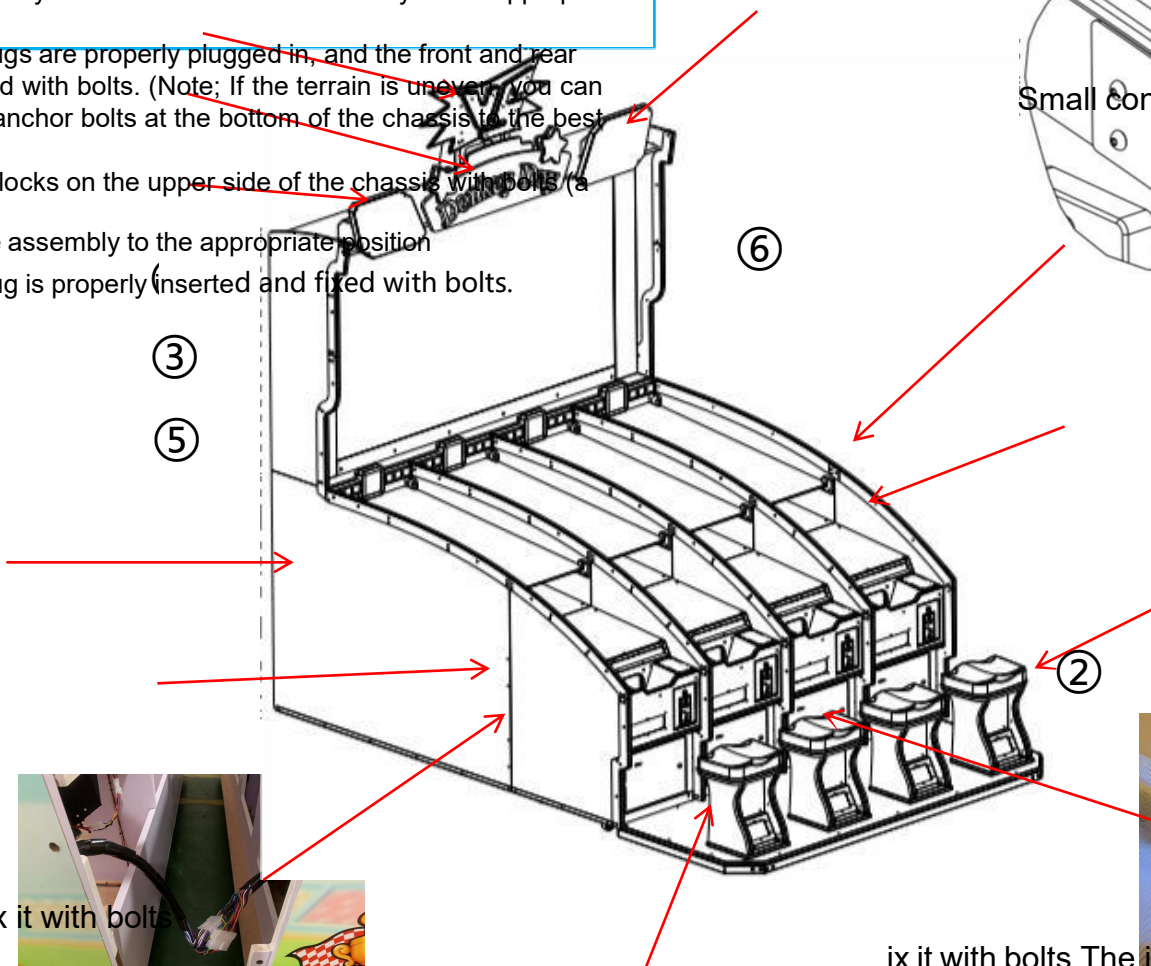
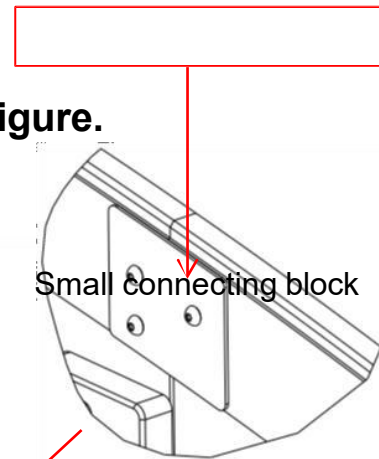
Move the front chassis assembly and the rear chassis assembly to the appropriate positions.

2. The corresponding line plugs are properly plugged in, and the front and rear chassis components are fixed with bolts. (Note: If the terrain is uneven, you can appropriately adjust the top anchor bolts at the bottom of the chassis to the best connection position.

3. Fix the small connecting blocks on the upper side of the chassis with bolts (a total of 5 pieces).

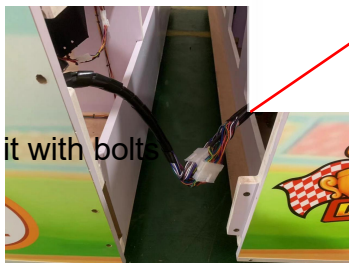
4. Move the seat underframe assembly to the appropriate position

5. The corresponding line plug is properly inserted and fixed with bolts.

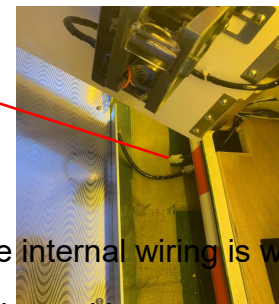


①

Fix it with bolts



Fix it with bolts The internal wiring is well connected and plugged in





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⑧

⑦

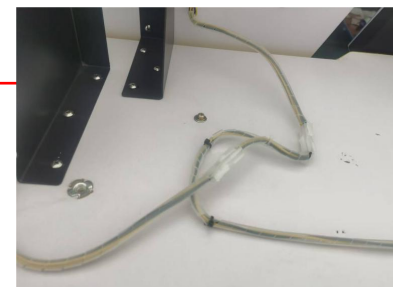
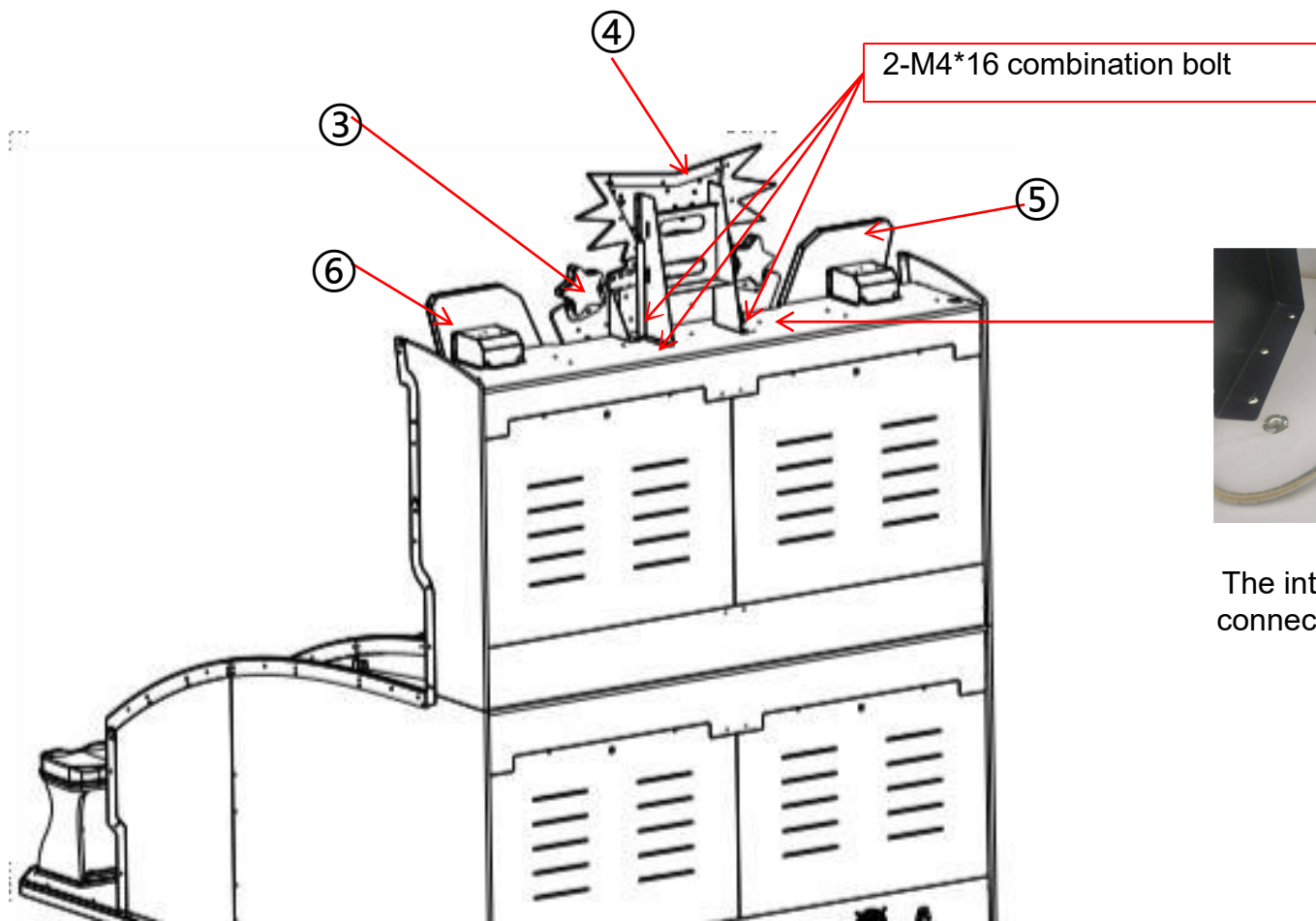
The internal wiring is well connected and plugged in



7-3. The installation of the light sign is as shown in the figure;

The corresponding line plug is properly plugged in.

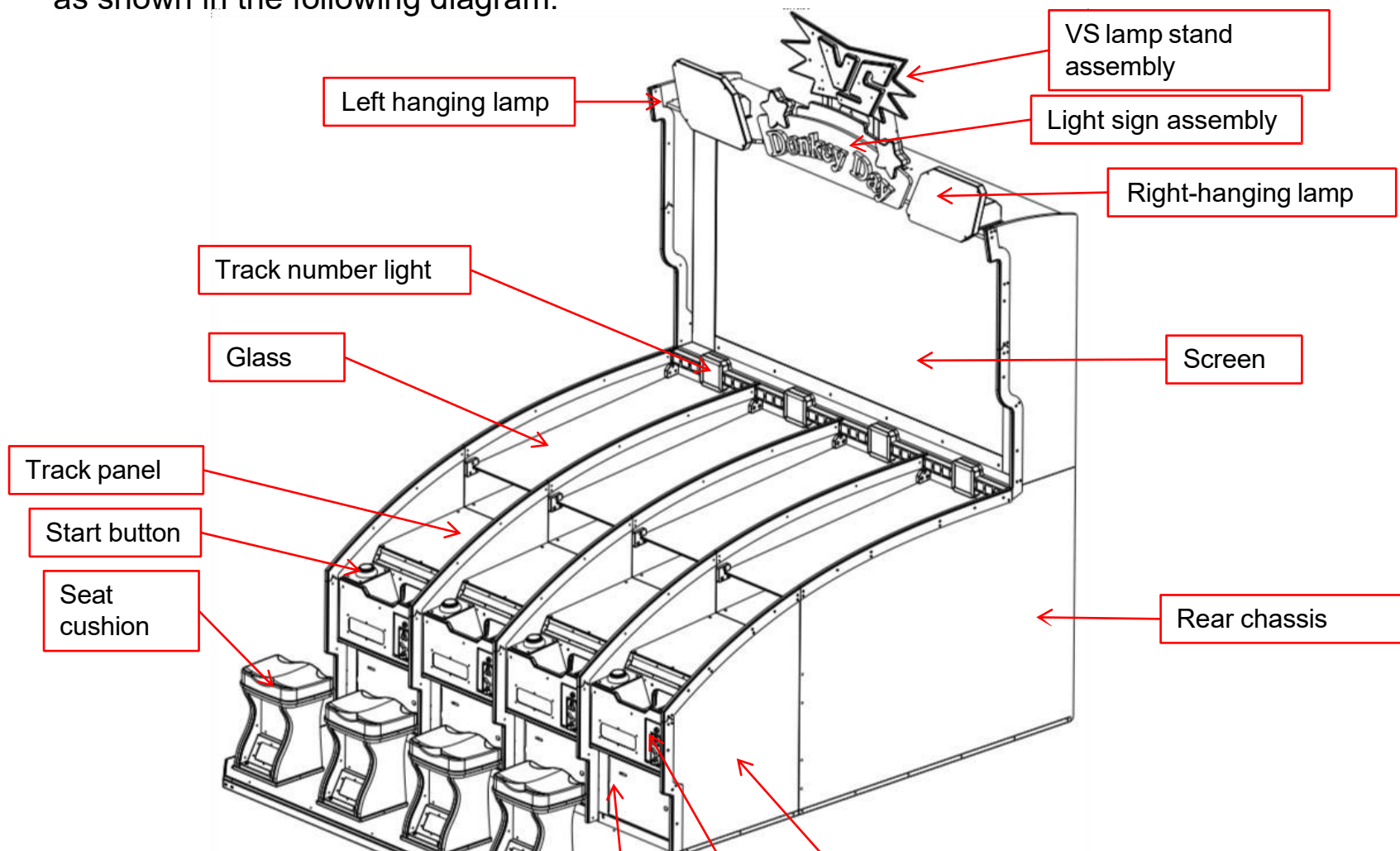
2. The top light sign is installed properly at the corresponding hole position.



The internal wiring is well connected and plugged in

8. Description of the entire machine components

8-1. The external structure is composed as shown in the following diagram:





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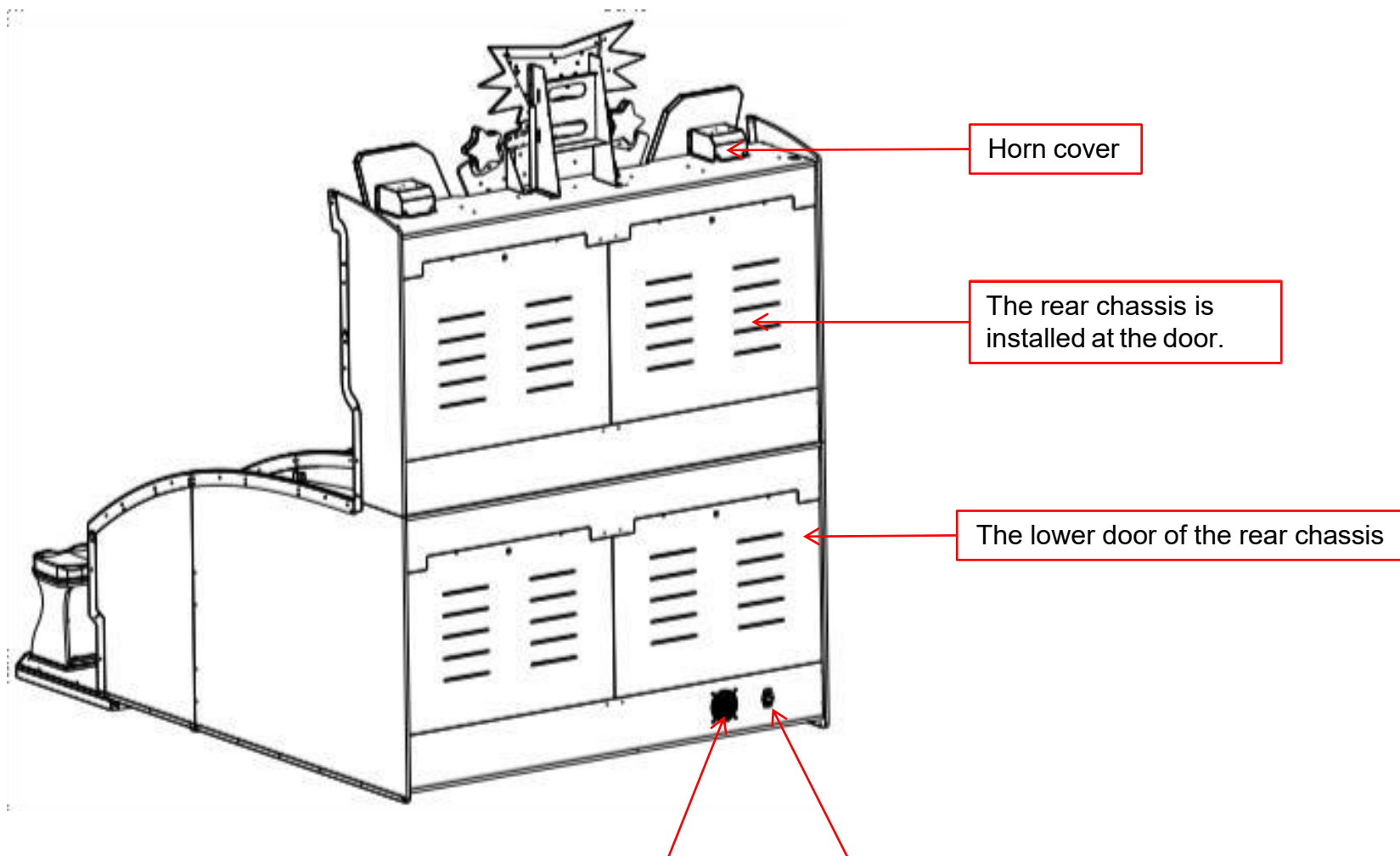
Seat underframe

Lottery
ticket
market

Coin
dispen
ser

Front
chassis

8-2. The external structure is composed as shown in the following diagram:





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Exhaust fan

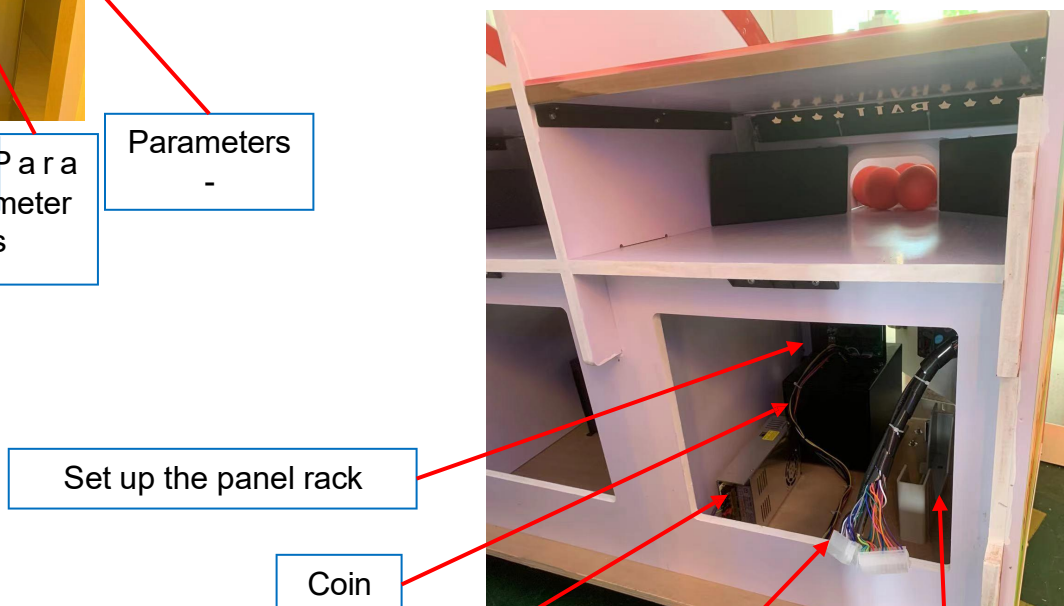
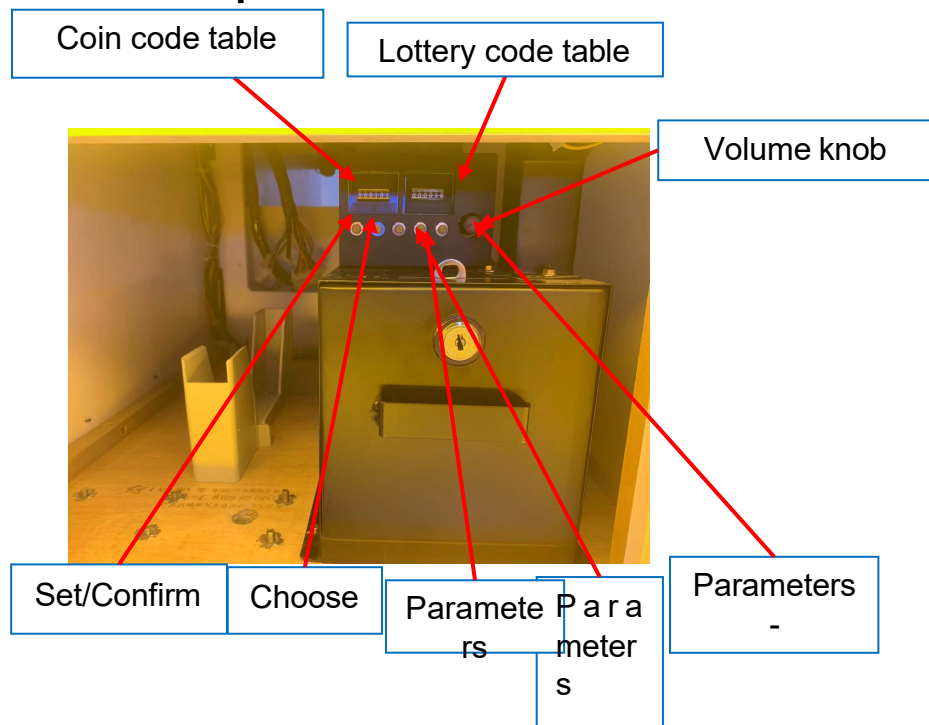
Power input port



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9. Description of internal components of the chassis

9-1. The internal setup frame of the front chassis is as shown in the following figure:





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box

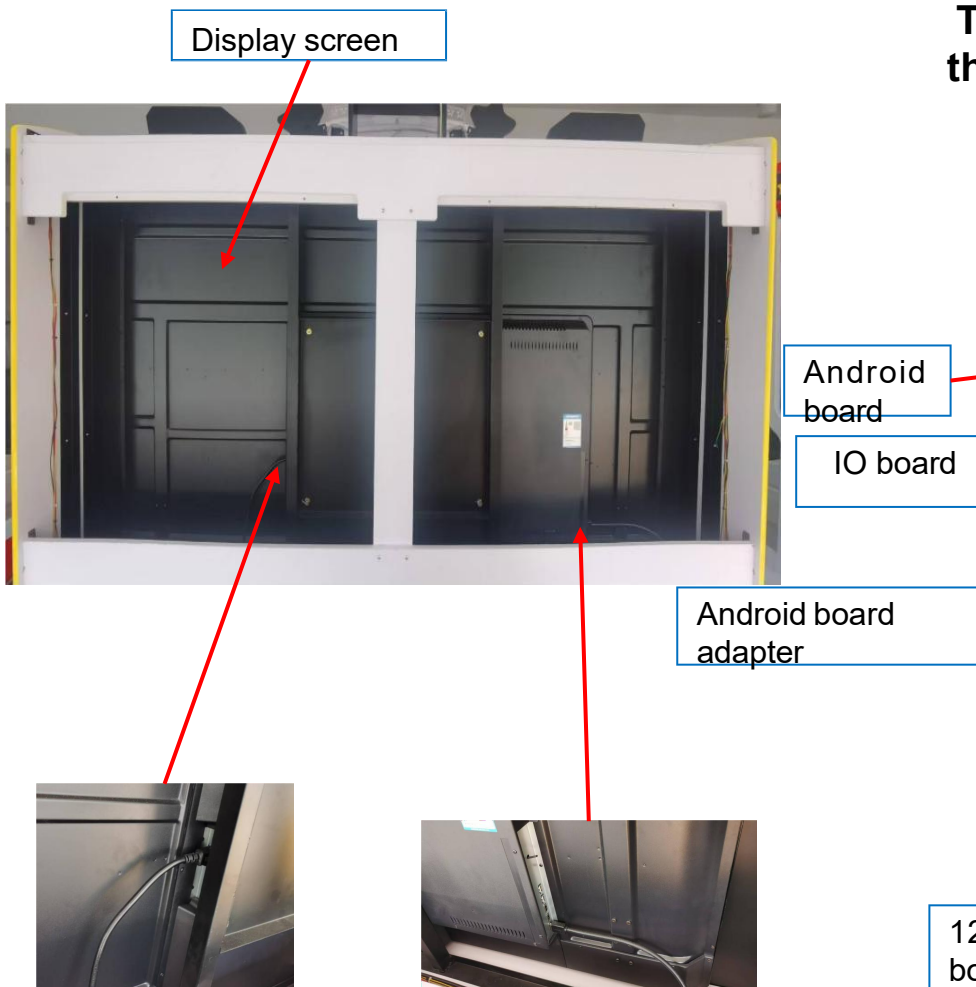
12V power box

Front and rear chassis
connection cables

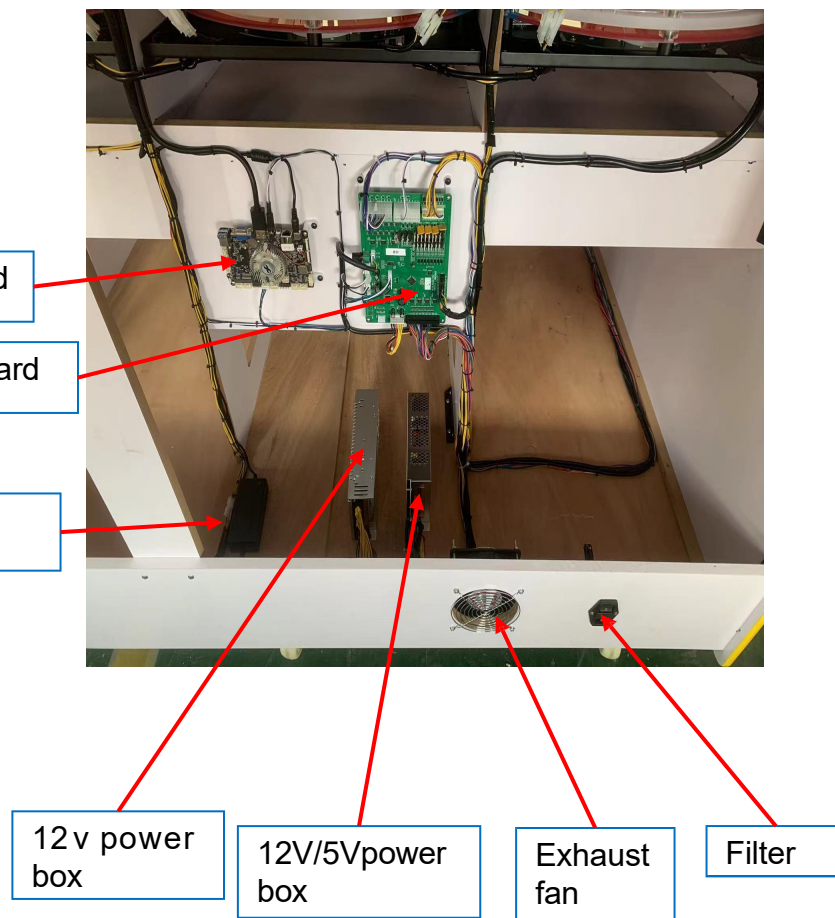
Lottery box

9-2. Description of internal components of the rear chassis;

The internal structure of the rear chassis door. As shown in the figure;



The inner structure of the lower door of the rear chassis. As shown in the figure;





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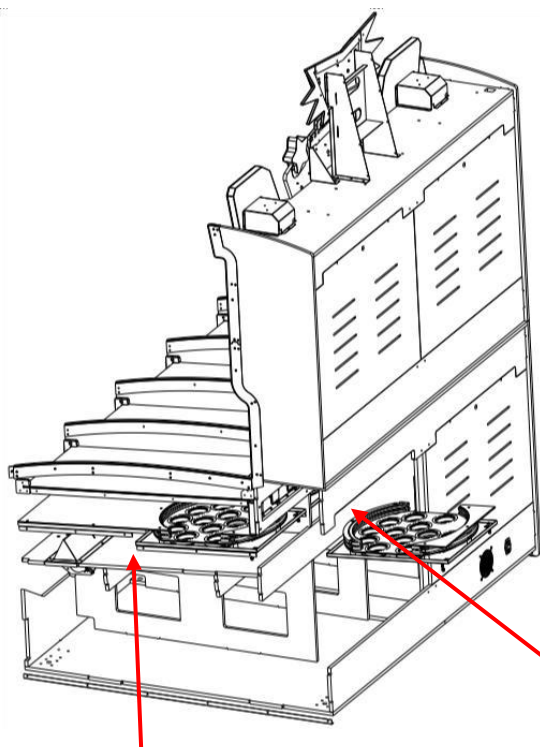
Screen power input

HDMI signal input



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Internal Maintenance Disassembly Diagram



Ball Hole Scoring Mechanism Assembly

Ball Gate Assembly

Pull backward to remove Ball Gate Assembly

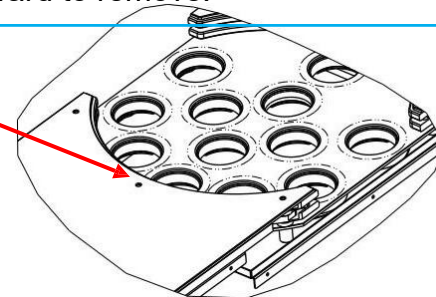
10.1 Ball Hole Scoring Mechanism Disassembly Diagram

Step 1: Remove three screws on the track panel.

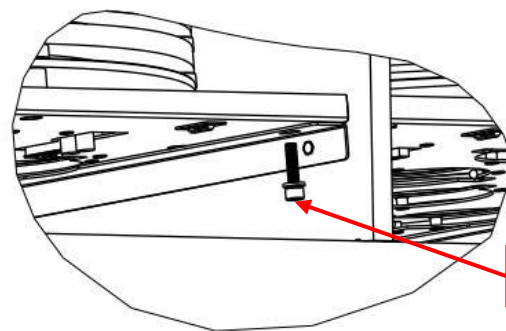
Step 2: Remove two screws on the ball hole base frame.

Step 3: Pull backward to remove.

M4 Bolt



Step 1: Remove three M4 round-head screws on the track panel.



M6 Bolt

Step 2: Remove two M6 bolts on the ball hole base frame.



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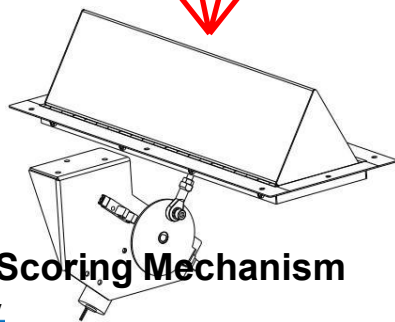
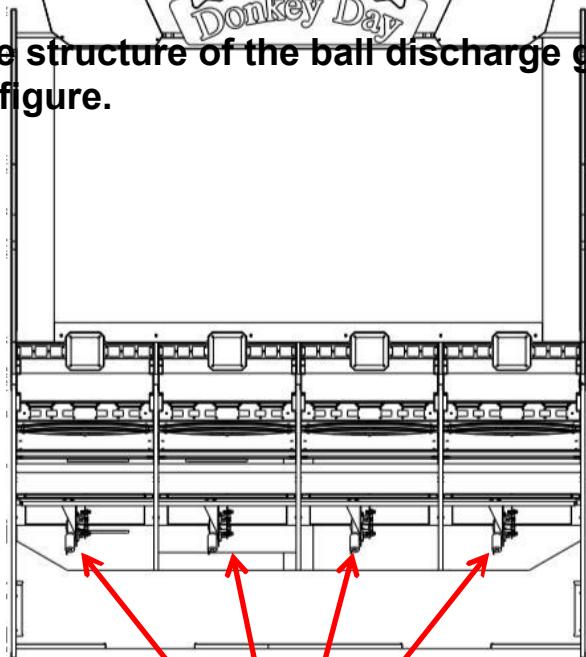
Ball Hole Scoring Mechanism Assembly

Ball Gate Assembly



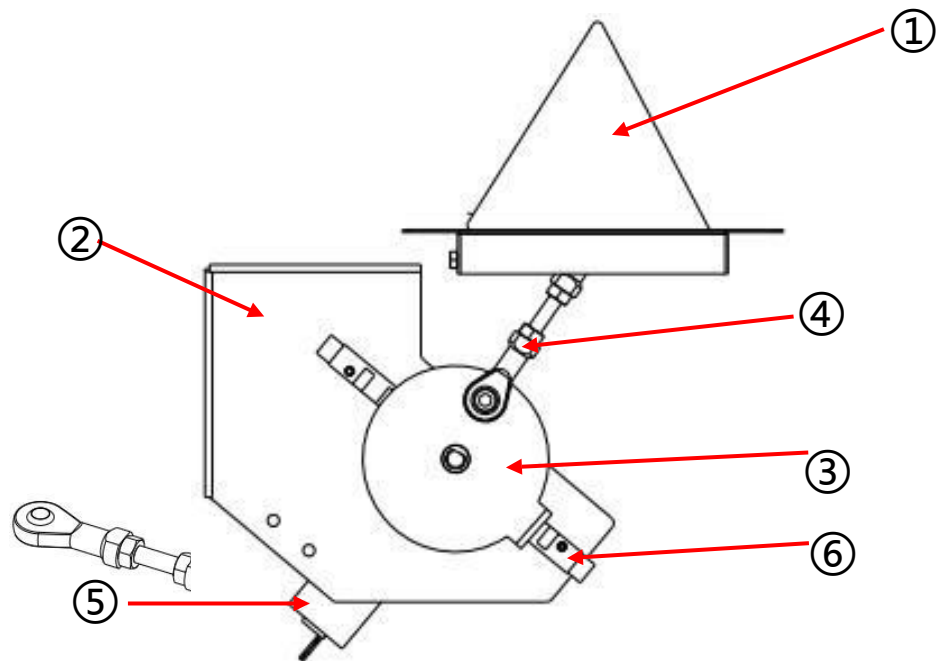
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11. The structure of the ball discharge gate is shown in the figure.



Ball Hole Scoring Mechanism Assembly

| No. | Name | Parameters/Materials | Quantity |
|-----|----------------------|----------------------|----------|
| 1 | Gate structure frame | Q235 | 1 |
| 2 | Motor bracket | Q235 | 1 |
| 3 | Crankshaft | Q235 | 1 |
| 4 | Pull rod | Q235 | 1 |
| 5 | Motor | 5840WG31 12V15R | 1 |
| 6 | Optoelectronics | KI669 | 2 |





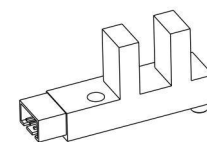
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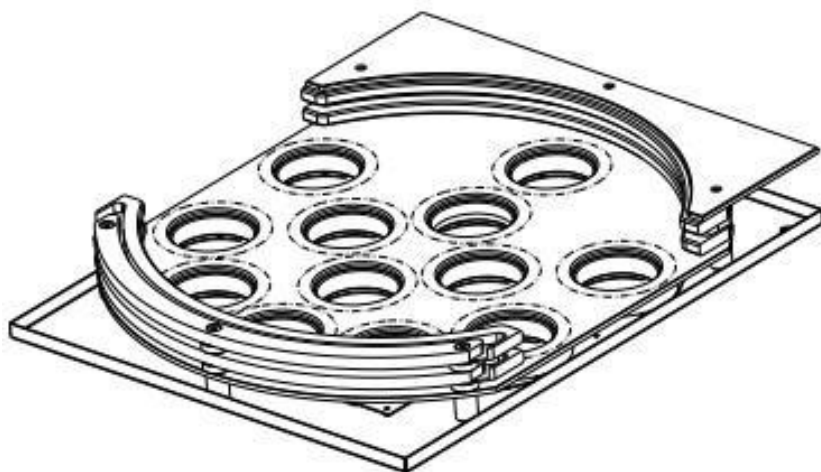
④

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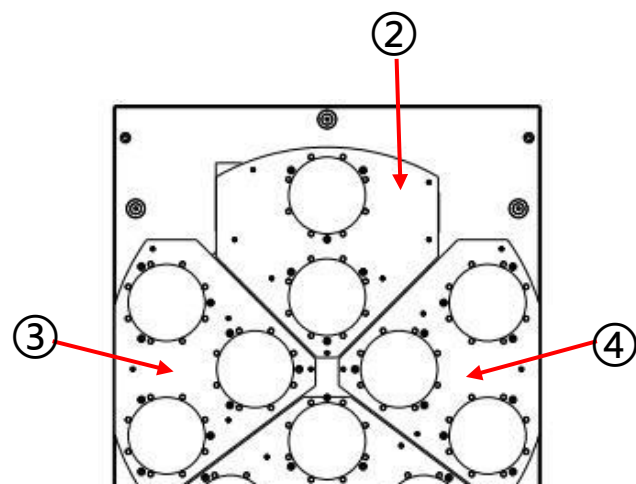
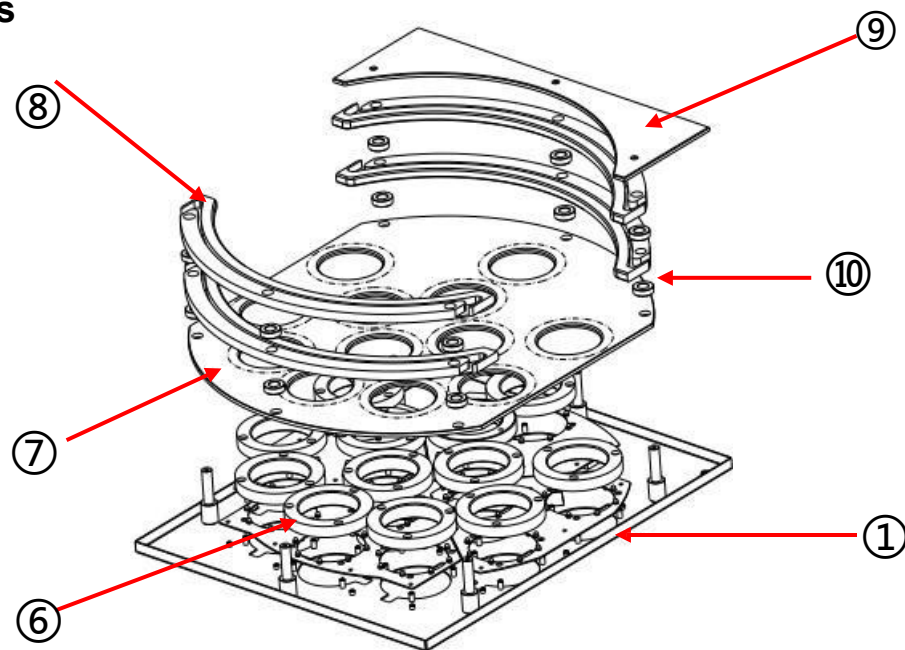
⑥

12. The structure of the hole scoring system is shown in the figure.



Hole scoring mechanism assembly

| No. | Name | Parameters/Materials | Quantity |
|-----|----------------|-----------------------|----------|
| 1 | Hole tray base | Q235 | 1 |
| 2 | Hole board -1 | PCB | 1 |
| 3 | Hole board-2 | PCB | 1 |
| 4 | Hole board-3 | PCB | 1 |
| 5 | Hole board-4 | PCB | 1 |
| 6 | Lamp ring | Acrylic (Milky white) | 12 |





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13. Game backend interface

The main menu of the game's backend Settings is divided into: parameter Settings, level Settings, revenue records, hardware testing, game reset, and language Settings
Save and exit.

主菜单

> 参数设置
关卡设置
营收记录
硬件测试
游戏复位
语言/English
保存/退出



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Main Menu

Setting

Level Set

Record

I/O Test

Reset

> Language/中文

Save&Exit



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| No. | Set sub-items | Function Description | Default value | Set the range |
|-----|--------------------------------------|---|---|------------------|
| 1 | Insert coins in each round | How many coins need to be invested in each game | 1 | 0~10(0=free) |
| 2 | Ticket distribution ratio | How many points can be exchanged for a lottery ticket | 1 | 1~50 |
| 3 | Whether to issue a ticket | Whether to open the lottery rewards. | ON | ON/OFF |
| 4 | Standby music | When in standby mode, whether to turn on the background music | ON | ON/OFF 2~600mins |
| 5 | Return to the main menu | Return to the superior directory. | | |
| | 每局投币 分票比 是否出票 待机音效 返回主菜单 | 参数设置 1 1 ON ON | | Param Setting |
| | | | Coins Ticket Per Score1 Output Ticket Audio On Idle > Return MainMenu | |



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13-2. Level Settings

Set the game time. The default is 60 seconds. Setting range:

关卡设置

> 赛跑时长
返回主菜单

60秒

Level Setting

> RunDuration 60s
Return MainMenu

13-3. Revenue records

The bill is divided into current bill and historical bill. The current bill is managed by the

营收记录

【历史营收】

| | |
|-------|-----|
| 总投币数 | 202 |
| 总出票数 | 0 |
| 平均出票数 | 36 |

【本期营收】

| | |
|-------|-----|
| 总投币数 | 181 |
| 总出票数 | 0 |
| 平均出票数 | 36 |

> 清除本期营收
返回主菜单

Revenue Record

【 Historical Revenue 】

| | |
|-----------------|-----|
| Total Coins | 202 |
| Total Tickets | 0 |
| Avarage Tickets | 36 |

【 Current Revenue 】

| | |
|-----------------|-----|
| Total Coins | 181 |
| Total Tickets | 0 |
| Avarage Tickets | 36 |

Clean Current
> Return MainMenu



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merchant themselves and can be cleared at their own discretion. The historical bill is a permanent bill and cannot be cleared.



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13-4. Hardware testing

Test the input and output units one by one. (It can be ruled out whether the hardware is normal.)

硬件测试

【输入测试】

| | |
|--------|--|
| 投币信号 | OFF OFF OFF OFF |
| 开始按钮信号 | OFF OFF OFF OFF |
| 出票反馈 | OFF OFF OFF OFF |
| 闸门开 | ON ON ON ON |
| 闸门关 | ON ON ON ON |
| 1P得分信号 | 3:ON 3:ON 2:ON 2:ON 1:ON 2:ON 2:ON 1:ON 2:ON 1:ON 1:ON 1:ON |

【输出测试】

| | |
|---------|-----------------|
| 开始按钮灯 | OFF OFF OFF OFF |
| 闸门开 | OFF OFF OFF OFF |
| 闸门关 | ON ON ON ON |
| 票机驱动 | OFF OFF OFF OFF |
| 1P得分信号灯 | OFF |
| 2P得分信号灯 | OFF |

I/O Test

【Input Test】

| | |
|-----------------|--|
| Coin Signal | OFF OFF OFF OFF |
| Start Signal | OFF OFF OFF OFF |
| Ticket Signal | OFF OFF OFF OFF |
| Gate Open | ON ON ON ON |
| Gate Close | ON ON ON ON |
| 1P Score Signal | 3:ON 3:ON 2:ON 2:ON 1:ON 2:ON 2:ON 1:ON 2:ON 1:ON 1:ON 1:ON |
| 2P Score Signal | 3:ON 3:ON 2:ON 2:ON 1:ON 2:ON 2:ON 1:ON 2:ON 1:ON 1:ON 1:ON |
| 3P Score Signal | 3:ON 3:ON 2:ON 2:ON 1:ON 2:ON 2:ON 1:ON 2:ON 1:ON 1:ON 1:ON |
| 4P Score Signal | 3:ON 3:ON 2:ON 2:ON 1:ON 2:ON 2:ON 1:ON 2:ON 1:ON 1:ON 1:ON |

【Output Test】

| | |
|---------------|-----------------|
| Start LED | OFF OFF OFF OFF |
| Gate Open | OFF OFF OFF OFF |
| Gate Close | ON ON ON ON |
| Output Ticket | OFF OFF OFF OFF |
| 1P Score LED | OFF |
| 2P Score LED | OFF |
| 3P Score LED | OFF |
| 4P Score LED | OFF |

> Return MainMenu



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13-5. Game reset

It can clear unused coins, unawarded votes and restore factory Settings, etc.

游戏复位

> 清除未使用币数 0|0|0|0
清除未出票数 0|0|0|0
恢复出厂设置 OFF
返回主菜单

Game Reset

Clear Coins 0|0|0|0
Clear Tickets 0|0|0|0
Reset To Init OFF
> Return MainMenu

It can clear unused coins, unawarded votes and restore factory Settings, etc.

Ticket Failure

Ticket Failure

The lottery tickets have all been sold out

2. Poor contact of the wire

3. The ticket machine is damaged



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Gate failure

Gate failure

1. Check whether the motor is damaged.
2. Check whether the optical eye is damaged.
3. Check whether the wire has poor contact.



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14. Wiring schematic diagram of I/O board:

《赛驴》I/O接线图

