



65 Inch MINI WORLD MOTION User Manual

Please read this manual carefully before use and installation

Disclaimer

Dear Users:

Thank you for choosing our product. In order to ensure that you can correctly understand and use this product, as well as to clarify the rights and obligations of all parties, this disclaimer is hereby formulated. Please read the following content carefully.

I. Disclaimer

1. Product Performance and Quality:

We are committed to providing high-quality game console products, but for unforeseen reasons due to the production process, parts failure, transportation damage and other product performance problems or quality defects, we will be within the law and within a reasonable range of the corresponding repair, replacement responsibility. However, we do not assume any responsibility for product damage caused by improper use, malicious damage, unauthorized modification, etc. by the user.

2. Safety Instruction:

After the installation is completed, it should be ensured that the safety markings and warning signs on the game machine are clearly visible. Users should pay attention to read these signs and comply with the safety regulations during use. If necessary, obvious warning signs can be set up around the installation location to remind others to pay attention to safety and avoid accidents. We are not responsible for any personal injury, property damage or other adverse consequences caused by the user's violation of the safety use norms.

3. Third Party Liability:

If the user suffers loss in the process of using gaming machine due to the behavior or negligence of a third party (such as the operator of the gaming place, equipment maintenance personnel, etc.), we will try our best to assist the user in solving the problem, but do not assume direct responsibility for compensation. Users should claim their rights to the relevant third party.

4. Force Majeure

For force majeure events (such as natural disasters, war, government action, etc.) caused by the normal use of the product can not be used, damage or other losses, we do not assume any responsibility.

II. Application of Laws and Definition of Copyright-Related Responsibilities

This disclaimer shall be interpreted and applied in accordance with the laws of the People's Republic of China. No liability is assumed for improper and unauthorized use and/or operation of the hardware and licensed software. The operator shall indemnify, defend and hold harmless Superwing Animation from any claims or lawsuits against Superwing Animation arising out of such improper and unauthorized acts by or on behalf of the operator.

Thank you again for choosing our product. We will continue to provide you with a better gaming experience and service. Our goal is to the game better and entertain the whole world, so come with us and become a big family of ours.

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1. Product Specification

Dimensions: W1565mm * D2435mm * H2700mm

Weight: 627KG

Operating Voltage: 220V **Frequency:** 50Hz - 60Hz

Power: 950W-1700W



Overview:

Mini World: Super IP Licensed Blockbuster delivers an innovative gameplay experience. Distinct from traditional controller-based shooters, players interact with the game by aiming a light gun at the screen and pulling the trigger, significantly enhancing immersion and realism.

2. List of Accessories

No.	Name of Accessories	Unit	Quantity	Remarks
1	Instruction Manual	Piece	1	
2	Power Cord	Piece	2	1.8m 0.75mm International Power Cable
3	Cabinet Key	Piece	1	#6019 key*2 #6178 key*1
4	Screws	Piece	As packaged	
5	Fuse	Piece	1	3A、10A: 2 each 4A、5A: 1 each 7.5A: 6 Piece

3. Inner Components Descriptions

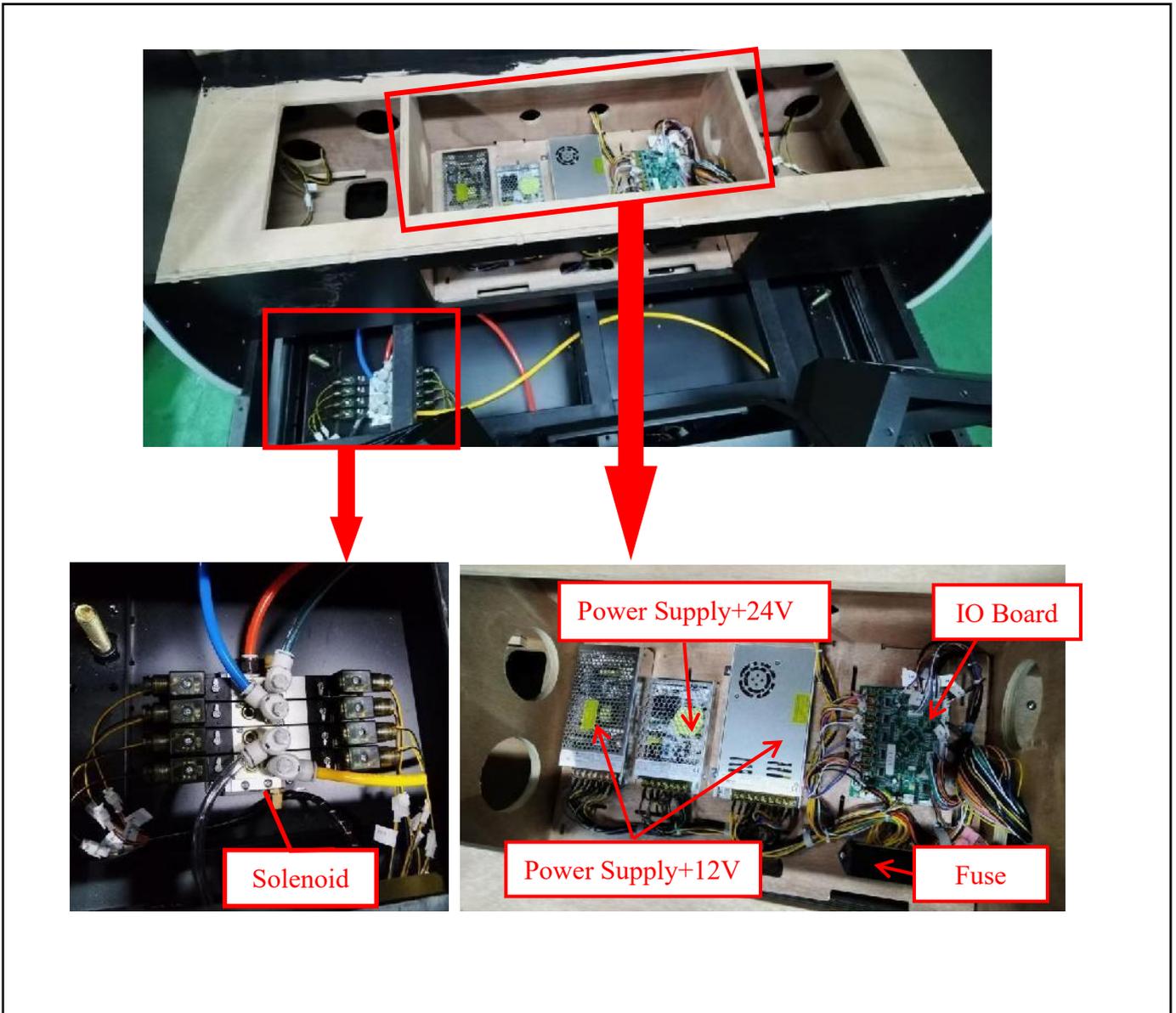
1、 The Top Light Box.



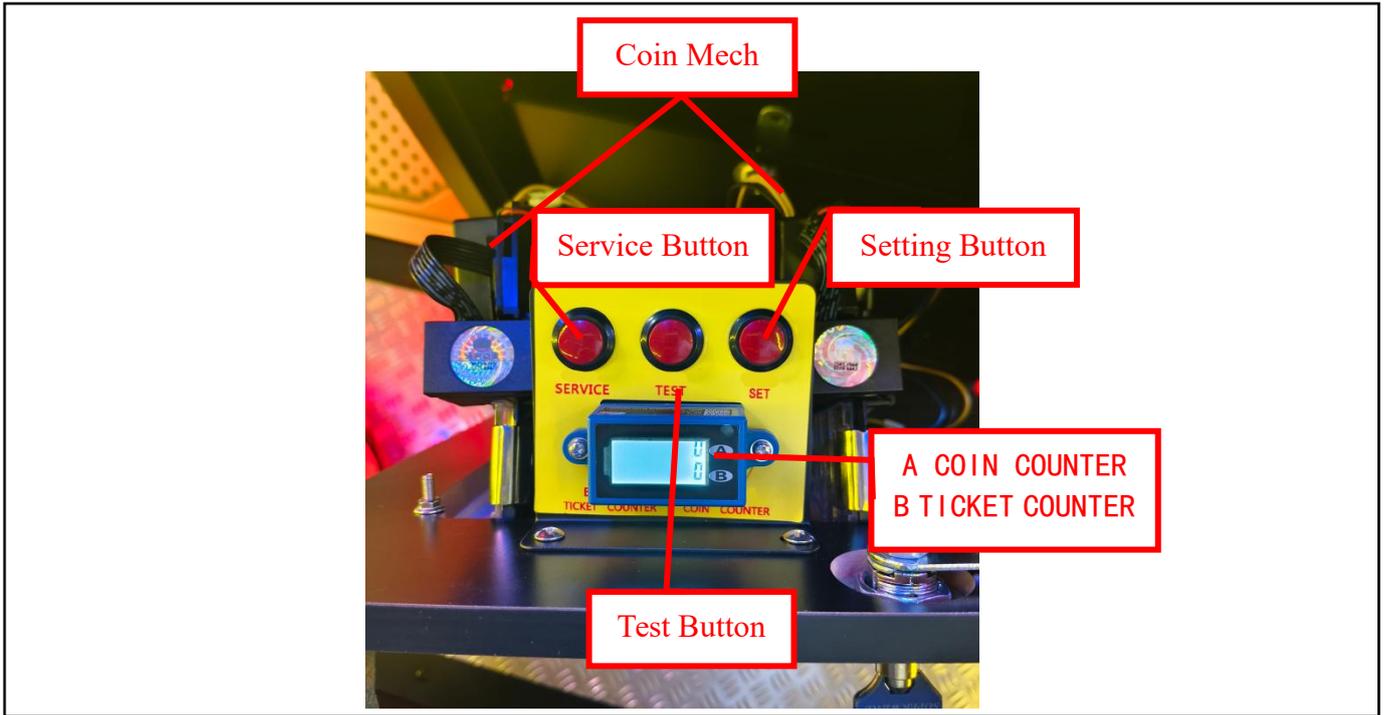
2、 Inner Components of the Machine Screen.



3、 Inner Components of the Seat Section.

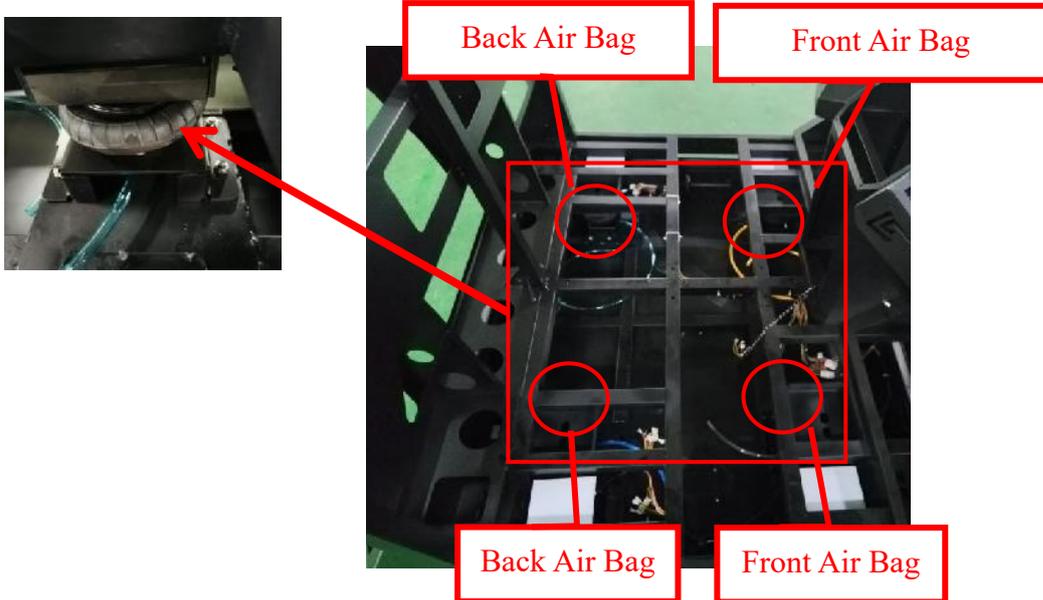


4、 The following items are visible when the doors of the console are opened.

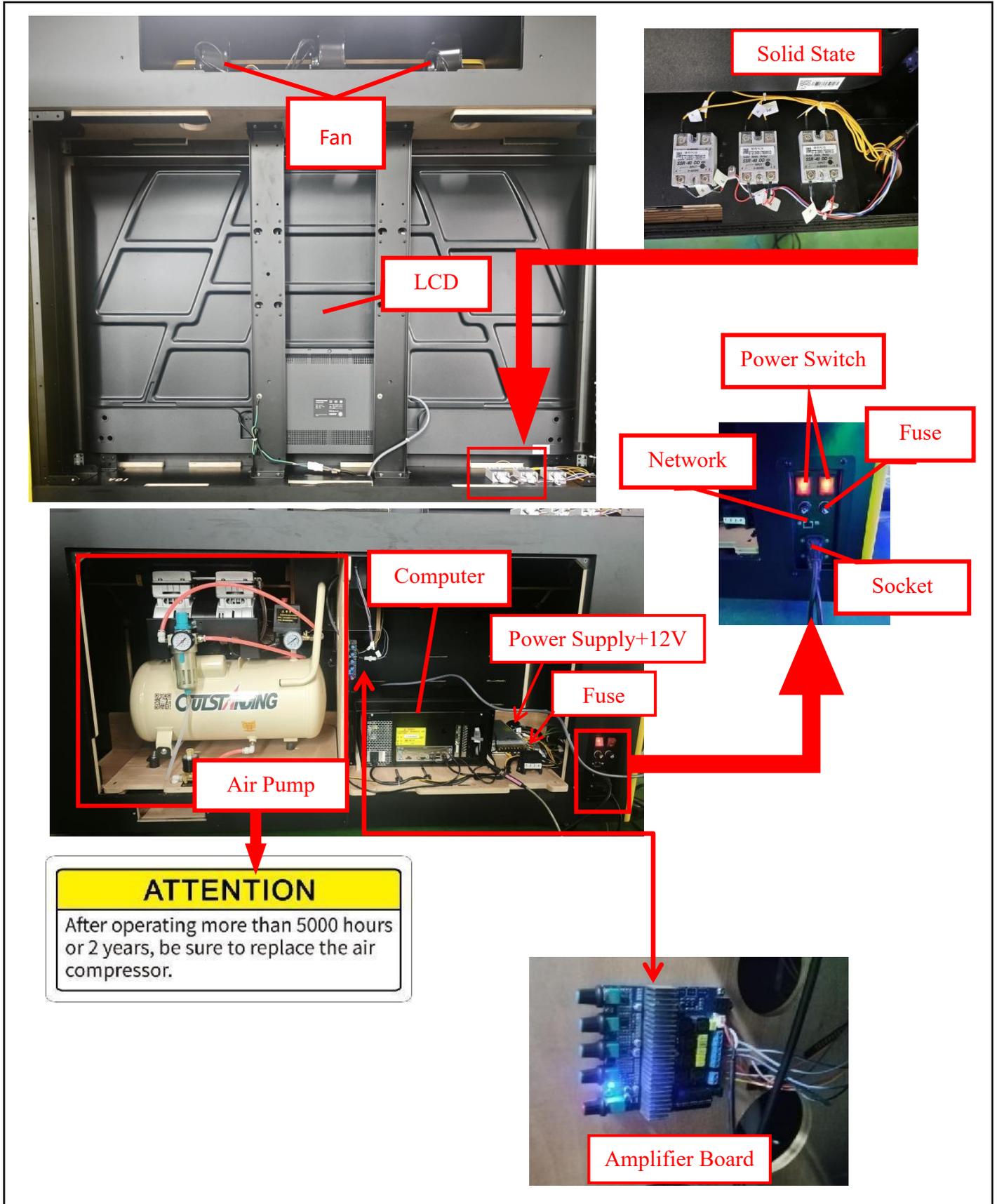


5、 Inner Components Under the Machine Seat.

(1) The machine has four airbags.



6、 Inner Components at the Back of the Machine.



4. Air Compressor Maintenance Guidelines

⚠ Air Compressor Maintenance Guidelines ⚠

1. Air compressor must be replaced if the product has been operated for **more than 5000 hours** or **used for more than two years**.
2. Check and clean the air filter regularly every month.



(It is recommended to replace the air filter after many times of cyclic use, or check it once a week if the environment is harsh.)

3. Specific Cleaning Instructions:

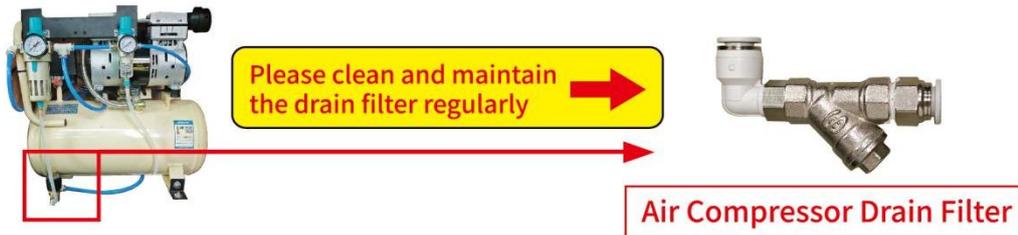
- (1) Unscrew the filter cover and take out the air filter (as shown in Figure A-C)
- (2) Take out the air filter element (as in Figure C), use the brush/air gun to brush off/blow off the impurities on the filter;
- (3) Clean the air filter element (as in Figure A-C)



5. Air Compressor Drain Filter Maintenance Guidelines

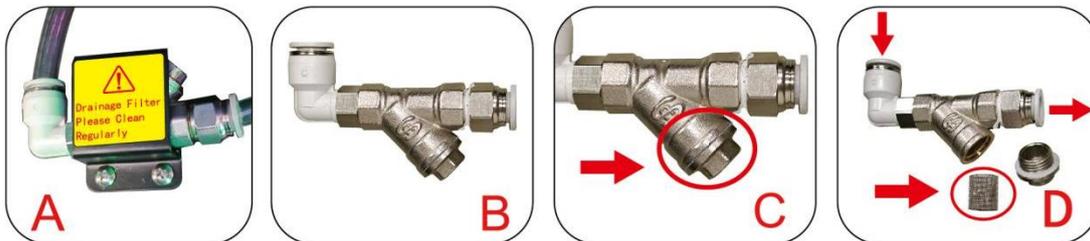
Air Compressor Drain Filter Maintenance Guidelines

1. The air compressor drain filter must be regularly maintained and cleaned **once every 3 months**.



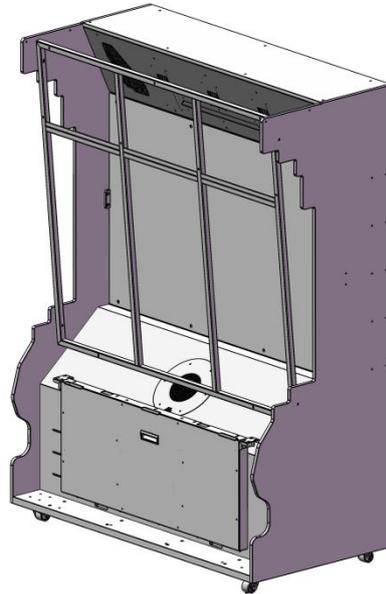
2. Specific Cleaning Instructions:

- (1) Unscrew the two fixed hardware screws, pull out the hose, and take out the Drain Filter (Figure A-B);
- (2) Unscrew the top hardware (Figure C), take the whole Drain Filter apart;
- (3) Remove the Drain Filter and flush the impurities in the drain outlet pipe and on the Drain Filter with water as indicated by the pipe hardware arrow (Figure D);
- (4) Reassemble all components in reverse order and tighten securely after cleaning.



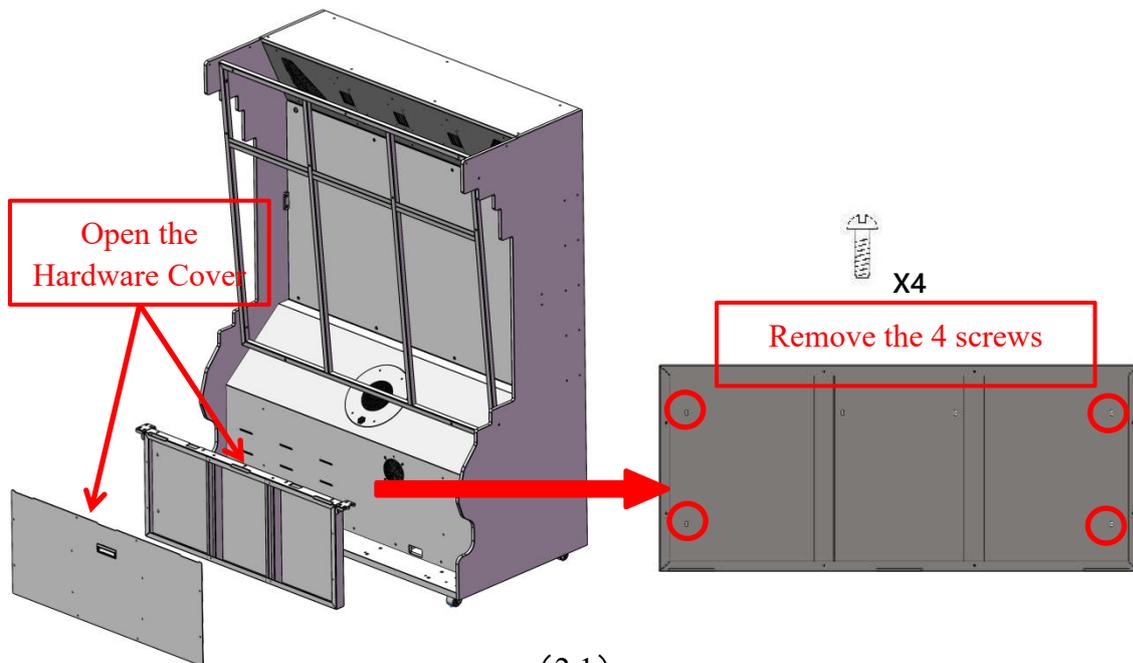
6. Installation Instructions

1. Unwrap the screen. Figure 1.1



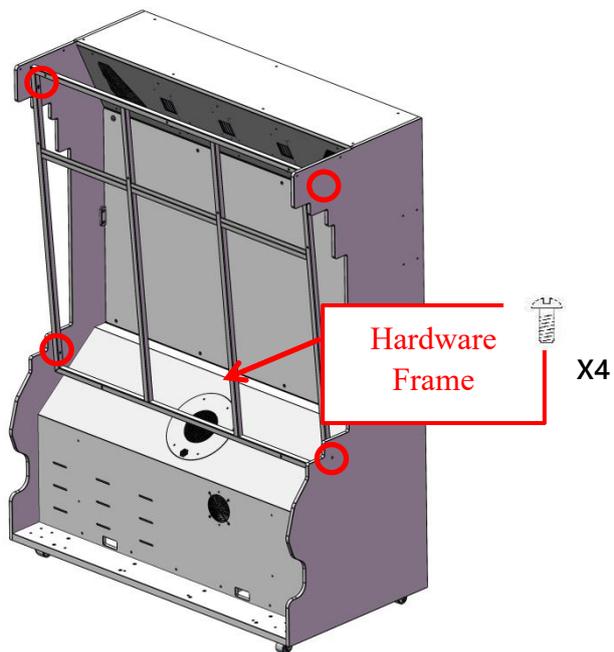
(1.1)

2. Open the hardware cover and remove the 4 screws and put them aside. Figure 2.1



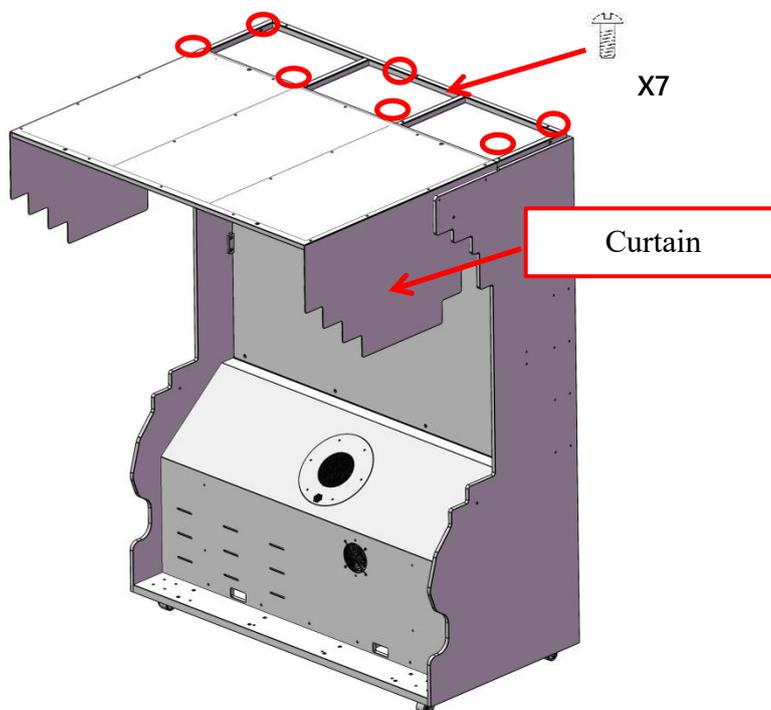
(2.1)

3. Unscrew the 4 screws on the back hardware frame and remove the Hardware Frame and the curtain together. Figure 3.1



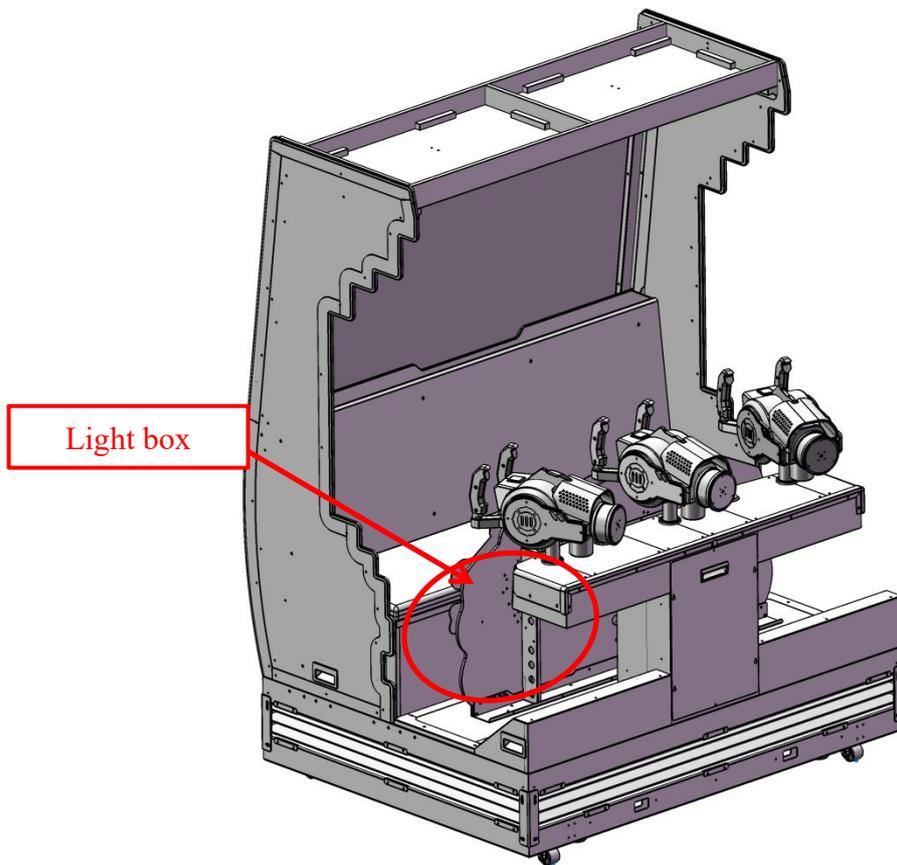
(3.1)

4. Install the removed hardware frame (Figure 3.1) on the top of the machine, install the Curtain on both sides of the machine, and fix the 7 screws at the back of the hardware. Figure 4.1



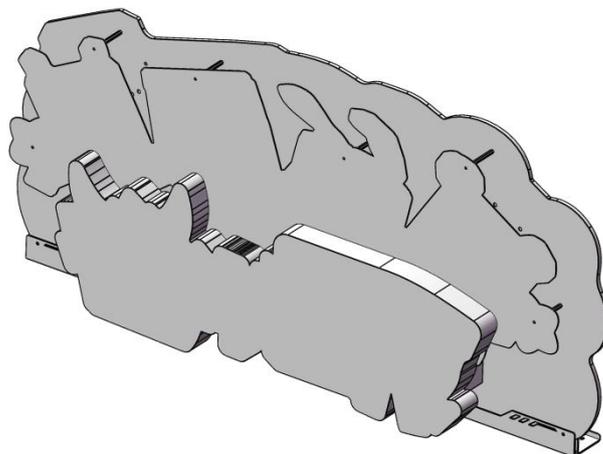
(4.1)

5. Unwrap the seat. Figure 5.1



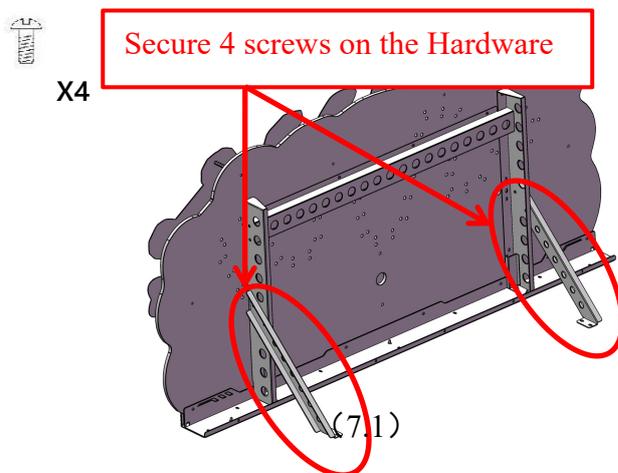
(5.1)

6. Remove (Figure 5.1) the light box from the front of the seat. Figure 6.1



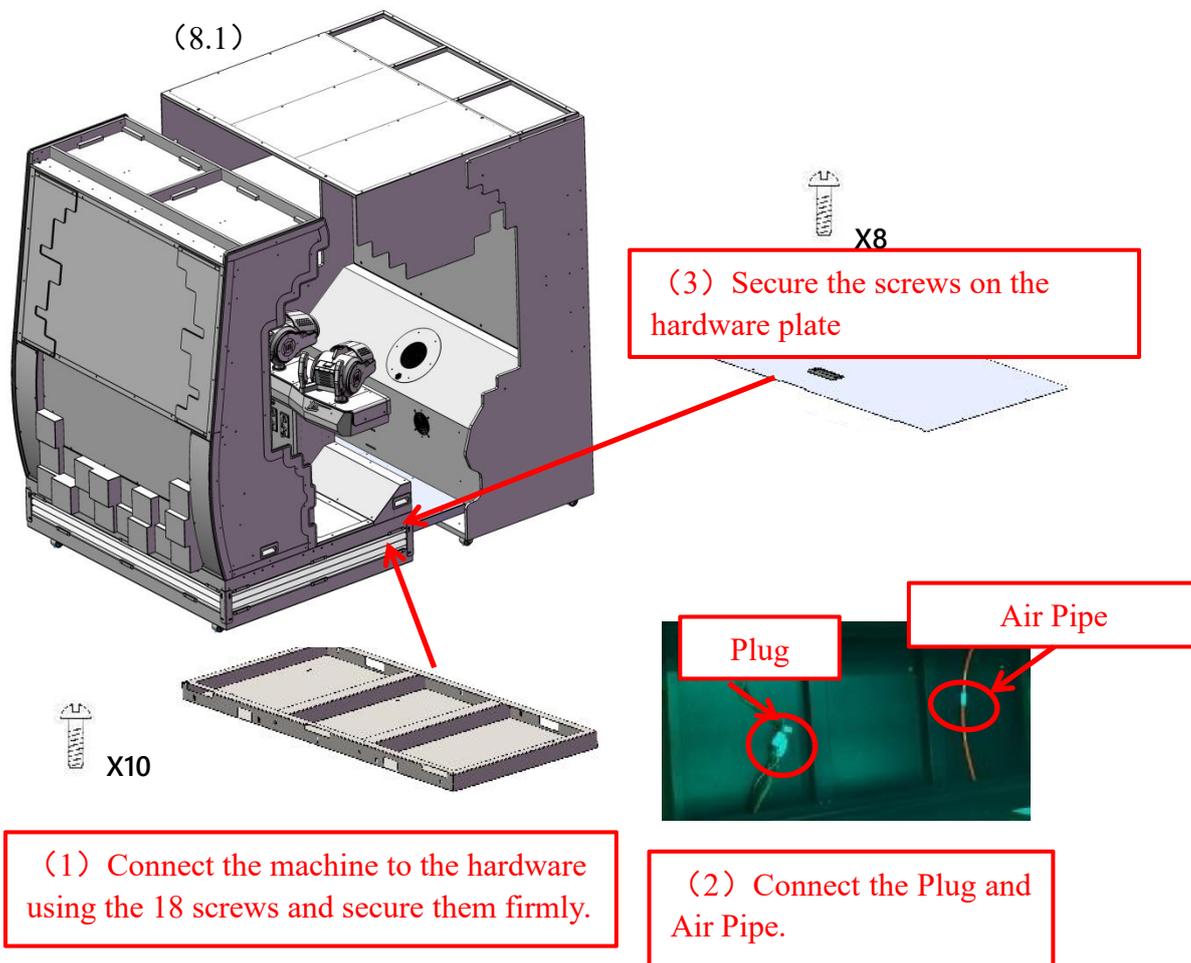
(6.1)

7. Install the 2 pieces of hardware on the back of the light box as shown in the picture, use 4 screws to secure on the hardware. Figure 7.1



8. Use the hardware detached in Step 2 to assemble the screen and seat components together.

1. Secure the 10 screws on the hardware.
2. Connect the plug and air pipe of the machine.
3. Attach the cover plate and tighten the 8 screws on the hardware cover. The completed assembly is shown in Figure 8.1.



9. Attach the Lightbox (from Step 7) to the top of the seat and securely connect the connectors. Complete Figure 9.1

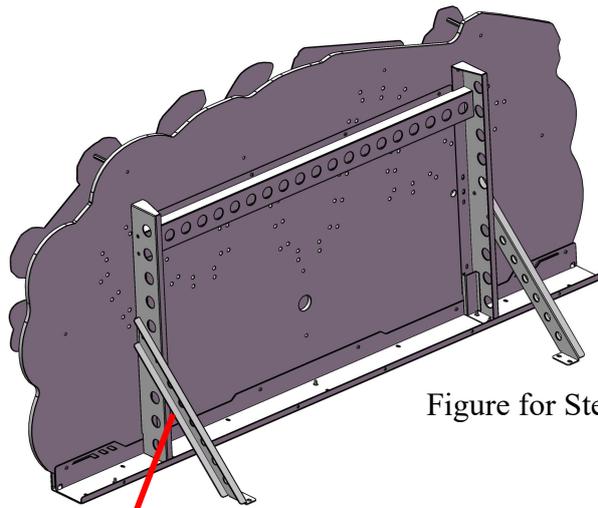
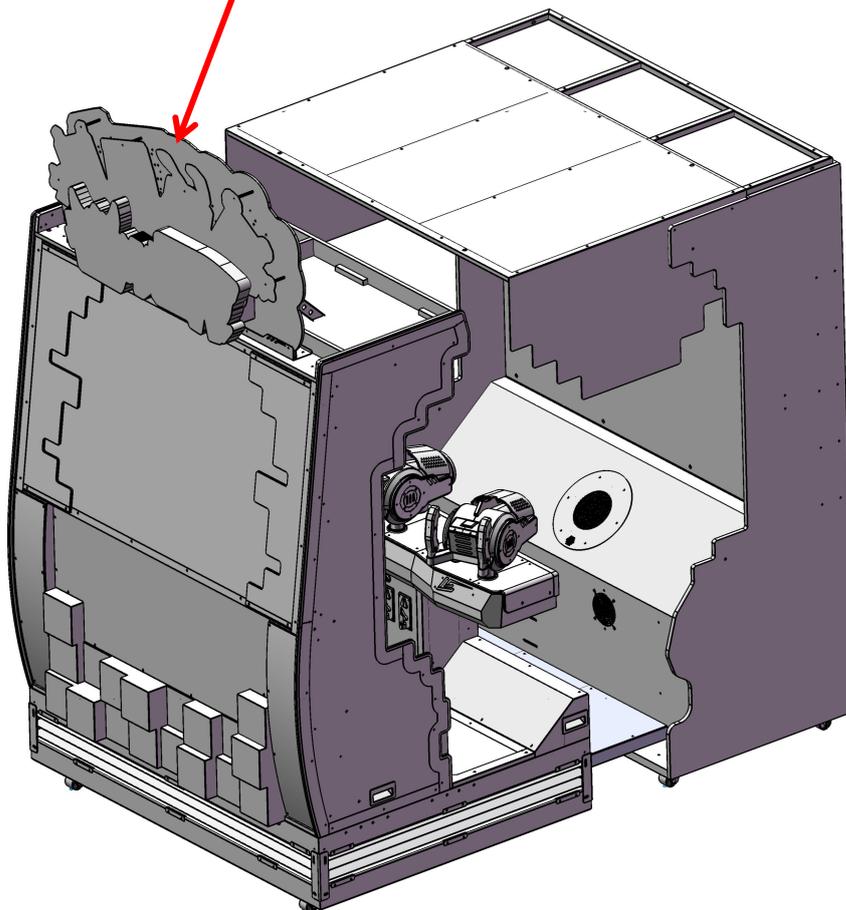
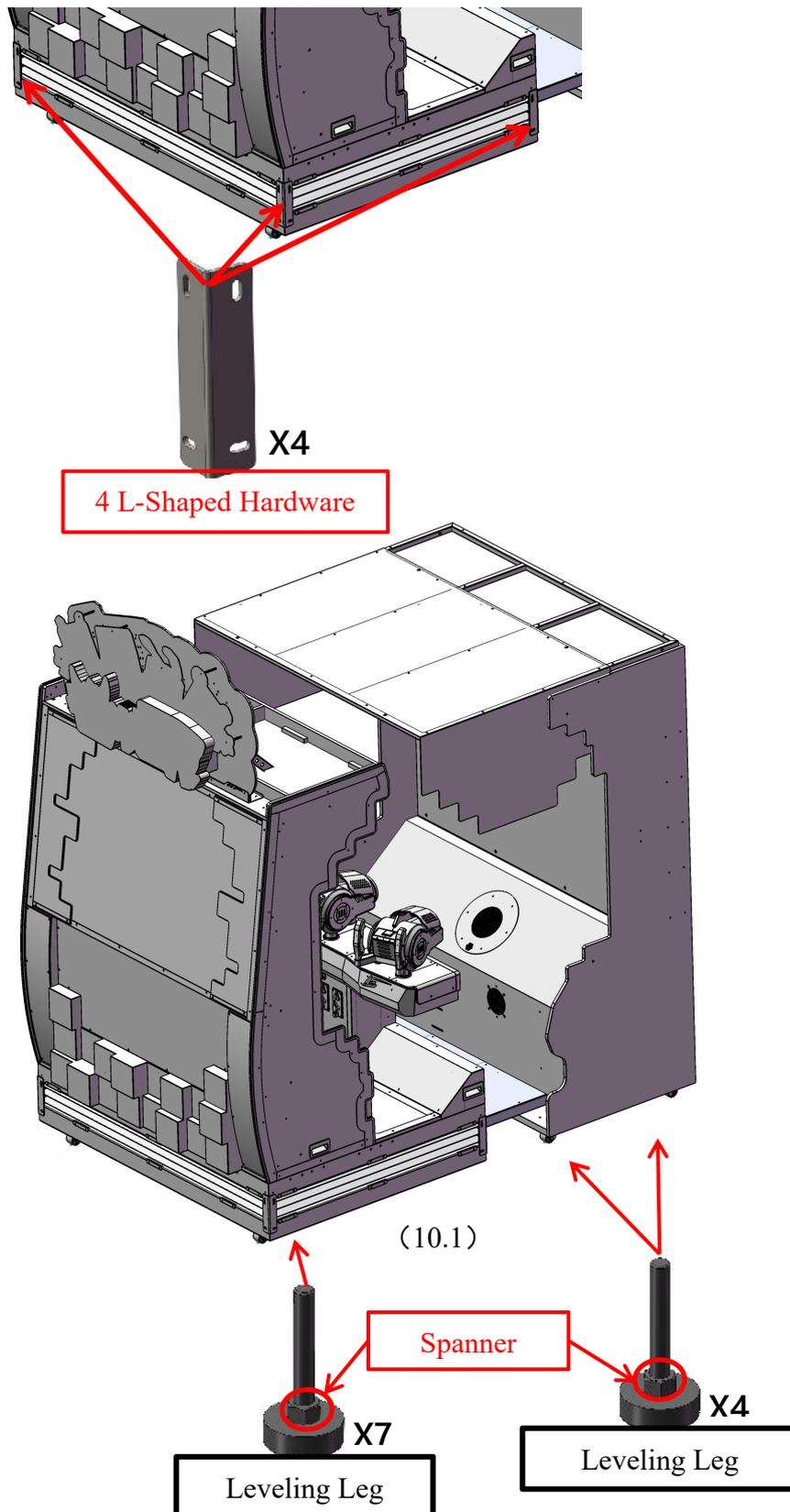


Figure for Step 7



Complete Figure 9.1

1. Remove the **4 L-shaped hardware** pieces connecting the base and the seat.
2. Lower the 11 leveling feet at the bottom of the machine (4 on the screen section and 7 on the seat section).
3. Installation is now complete.



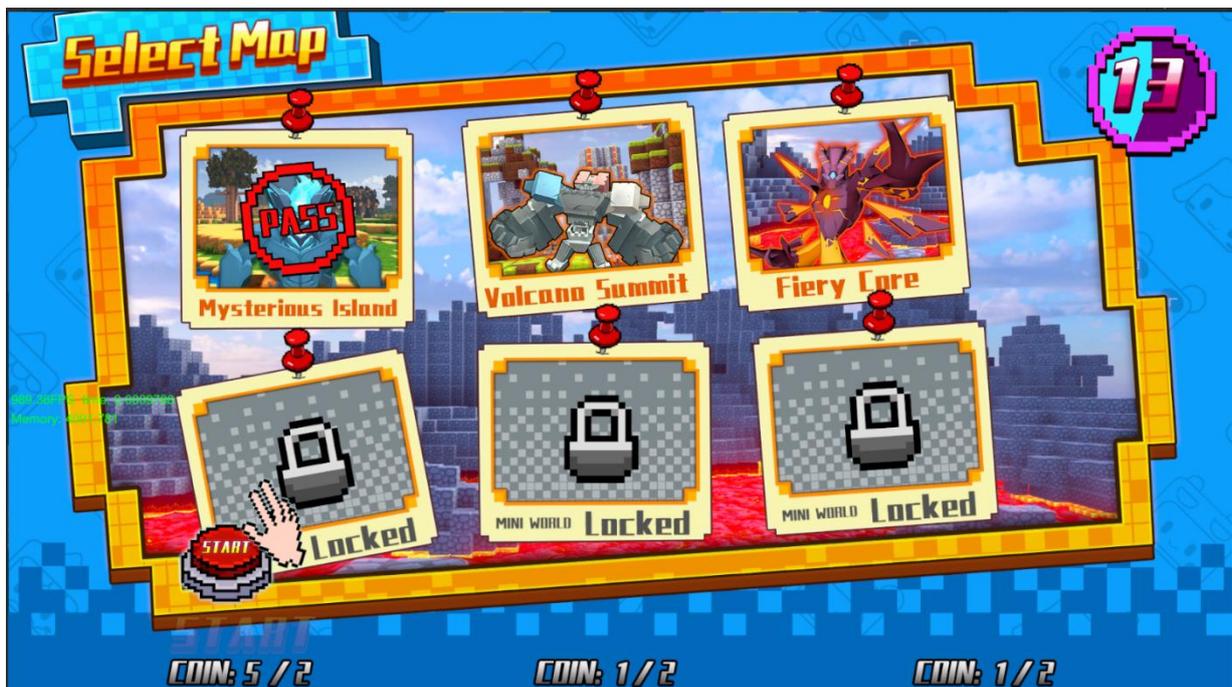
7. Game Instructions

1. Wait for the player to insert coins to start the game;



2. Level Selection Screen:

After inserting coins, press the "Start Button" to enter the level selection mode. To select a level, move the gun and press the "Start Button" to choose your desired map.



3. The game screen is below:



Mysterious Island



Volcano Summit

4. Damage Screen:

When attacked by monsters during gameplay, the screen will flash red, and the health bar at the bottom of the screen will decrease.



5. Get props screen: Hit the weapon's icon to get weapon props.



The prop weapons are as follows:



Whirlwind Gun



Icefreeze Gun

6. Continue Screen:

A prompt will appear asking, "Continue?" Players can insert coins within 20 seconds to continue playing.



7. Challenge Successful:



8.Game Over Screen:



9.Challenge Failed Screen



10.Score Breakdown:



8. Game Settings

1. Press the Test Button to enter the game Settings Menu as shown in the figure below. The items that can be set includes:

A) “Game Volume”: to set game volume in playing game. Setting range can be 0 – 100 (dB). When set to be 0 (dB), it will be silent in playing game. The default is 100 (dB).

B) “Demo Volume”: to set game demo volume when NOT playing. Setting range can be 0 – 100 (dB). When set to be 0 (dB), it will be silent in demo. The default is 100 (dB).

C) “Coins per game”: To set coins for each play. Setting range can be Free, 0 – 10. When set to be Free, it means free play mode. The default is 2.

D) “Prize Mode”: To set the prize mode. There are “No PRIZE” and ‘LOTTERY’, the default is “NO PRIZE”.

E) “Ticket Score”: If price mode is set to be LOTTERY, after playing, player can get tickets whose quantity is TICKET SETTING number divided by total scores. The range is “100~10000”, the default is “500”.

F) “Cumulative Coins”: The total income for this game machine. It cannot be deleted.

G) “Number of tickets played”; The total spit-out tickets for this game machine. It can be deleted.

H) “Coin Shift”: The present income for this game machine. It can be deleted.

I) “1P Gun Correction”: Choose this item to adjust 1P gun’s cursor and shooting point.

J) “2P gun correction”: Choose this item to adjust 2P gun’s cursor and shooting point.

K) “3P gun calibration”: Choose this item to adjust 3P gun’s cursor and shooting point.

L) “I/O TEST”: Enter the hardware test screen;

M) “USB UPDATE”: If any update version for this game (game version No. is at lower right corner for your reference), you could contact the manufacturer to get USB driver for update.

Game update steps: Insert USB driver to host computer’s USB port, then press TEST button. Now the game update is working automatically. The screen will show you to update page. After game update finish, the game machine will automatically restart. Remember NOT to power off the machine or remove USB driver when game update is in progress. After finish game update, you can pull out USB driver.

N) “ONLINE UPDATE”: Upgrade to the latest version through internet;

O) “Waiting time for leveling”: To set credit-adding’s waiting time when player want to continue playing. Setting range can be 0 – 30. The default is 10S (Second).

P) “Gun Dynamics”: To set the intensity of the gun vibration in the game. Setting range is “0%~100%”, default is “100%”, “0%” means “Off”.

Q) “Seat Shake”: To set the intensity of seat shake in the game. Setting range is “0%~100%”, default is “100%”, “0%” means “Off”.

R) “Contrast”: To set the contrast of the game screen. Setting range is “0.50~2.00”, the default is “1.02”

S) “CLEAR SHIFT DATA”: Delete current game account data, do not clear other data.;

T) “FACTORY RESET”: Restore to the factory setting;

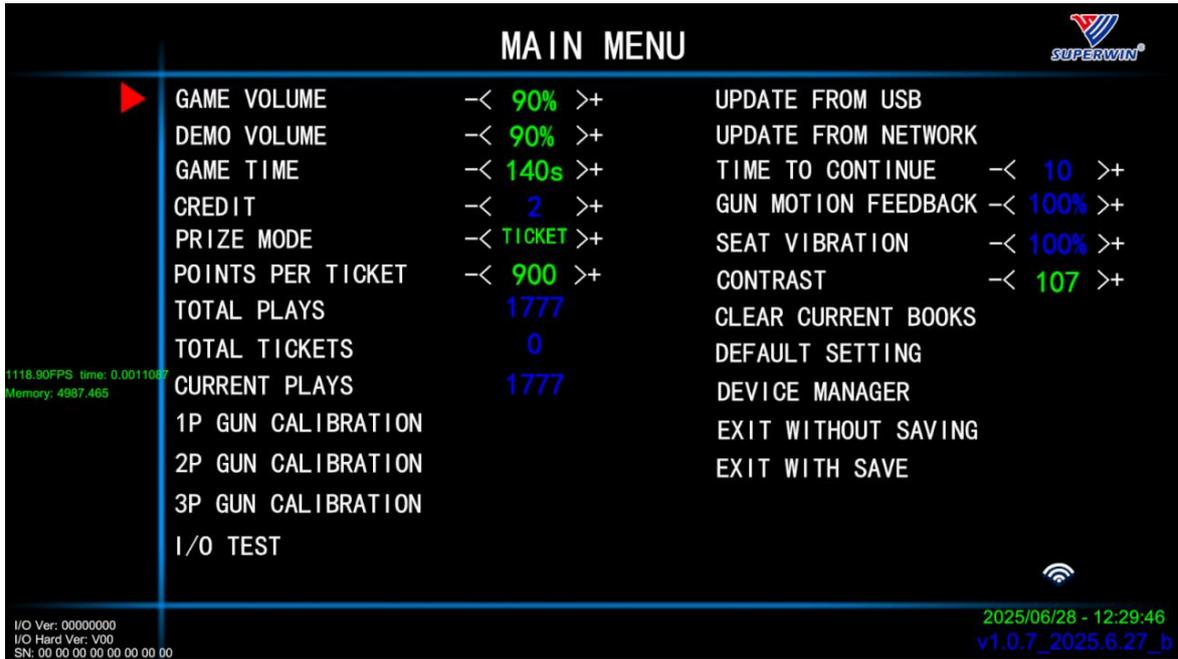
U)“DEVICE MANAGEMENT”: You can set the service time of contract mode. No setting is required for non-contracted units;

V) “EXIST WITHOUT SAVING”: Does not save the currently adjusted data and returns to the game

screen.

W) "SAVE AND EXIST": Save the current adjusted data and return to the game screen;

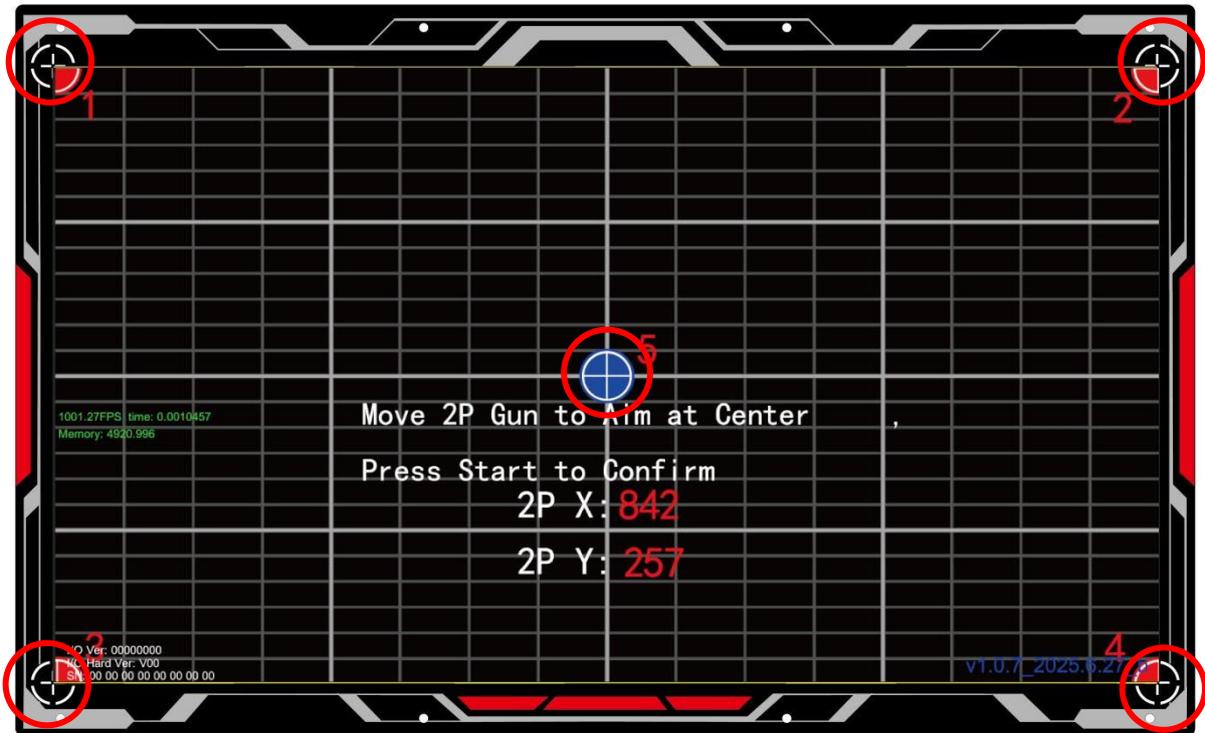
Press the test key to move the red arrow up and down, press the service key to adjust, and then choose to save or exit.



2. Gun Calibration Screen:

In the Settings menu, select 1P , 2P or 3P Gun Calibration to enter the calibration screen (see image below).

Hold the gun handle, aim at the five target centers, and press the trigger button to calibrate. After completing calibration, press the Test Button to exit the interface.



3. Entering the I/O Test Interface:

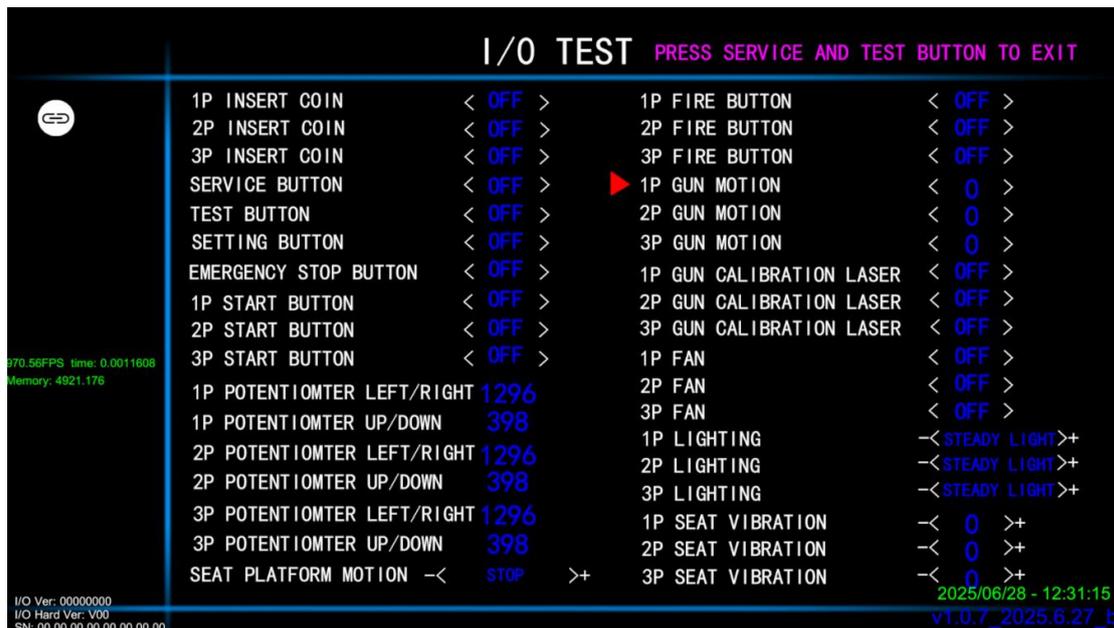
Press the Test Button to navigate through functions (the Settings Button and Test Button move the cursor up/down; the Test Button also confirms selections).

The left half of the screen displays hardware input detection. If the hardware status does not update when triggered (e.g., buttons pressed), it indicates a hardware malfunction.

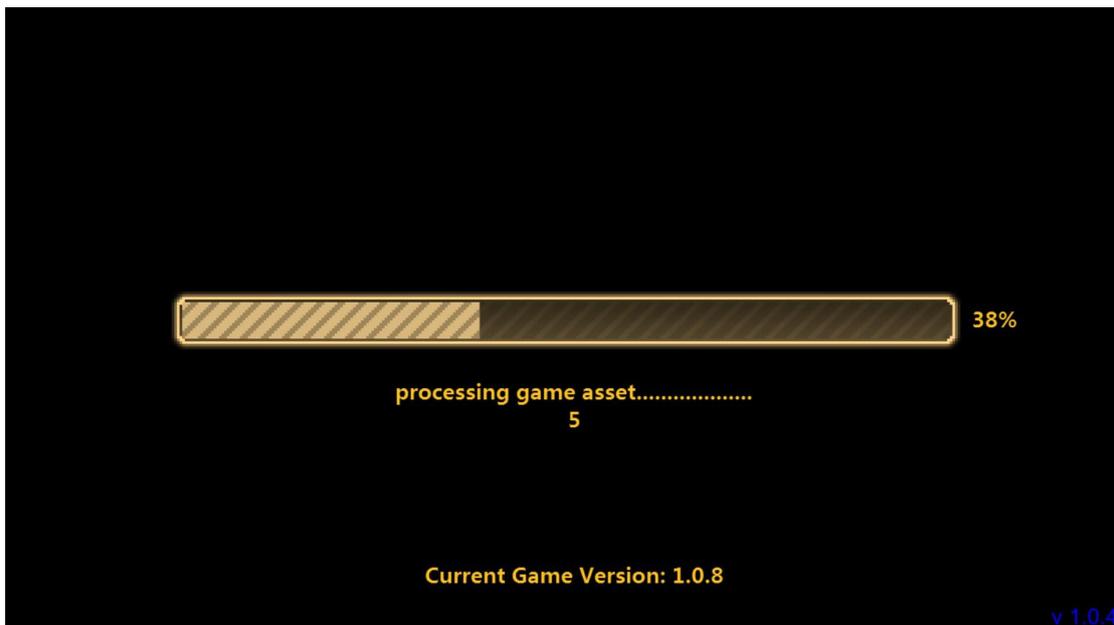
When moving the gun (left/right/up/down), the corresponding values on the screen should update in real-time. If values remain unchanged, the gun may be faulty.

The right half of the screen controls hardware outputs. If modifying control values does not alter hardware behavior, the corresponding hardware is faulty.

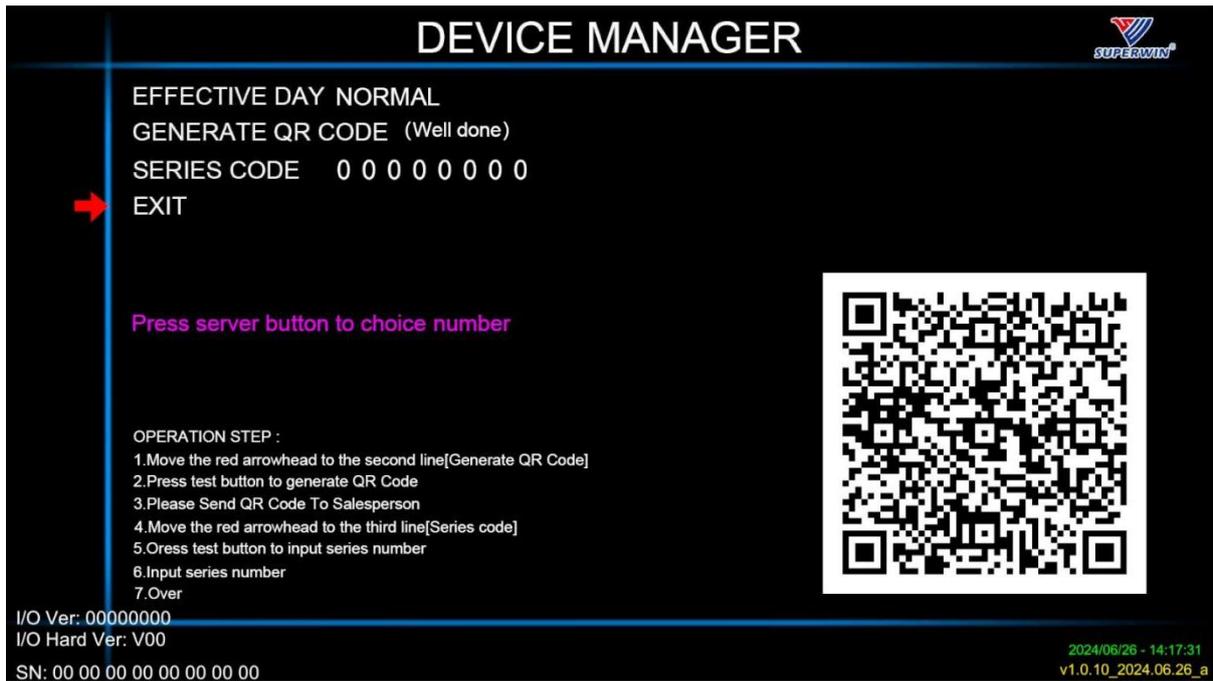
Press the Service Button and Test Button simultaneously to exit the I/O test.



4. Network Version Update



5. Select Device Manager in the main menu and press Service button to enter Device Manager.



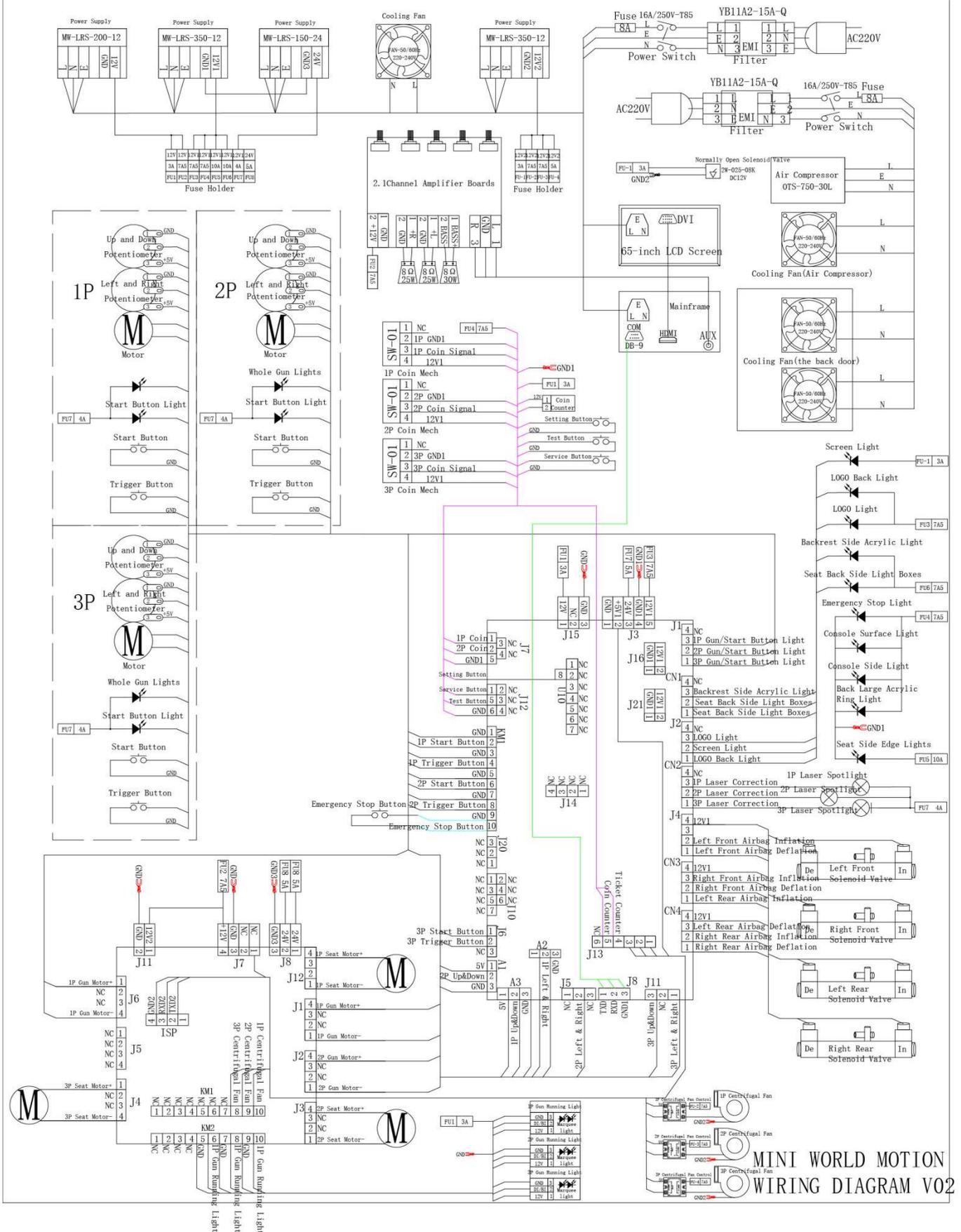
Coding operation process:

- 1) Press the service key to move the cursor to the place where the QR code is generated
- 2) Press the test key to generate QR code
- 3) Send the generated QR code to the manufacturer
- 4) Press the service key to move the cursor to enter the return code
- 5) Press the test key to pop up the small keyboard
- 6) Enter the return code provided by the manufacturer
- 7) The return code is correct to increase the remaining service time

9. Error and Troubleshoot

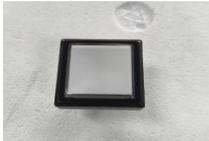
Fault	Detection and troubleshooting
A. The host can not start work	1、 Check if the 220V power supply is functioning properly. 2、 Check if the fuse is blown.
B. No sound output	1、 Check if the audio plug from the main unit' s audio output is securely connected. 2、 Check if the amplifier is receiving power and check if the amplifier board' s potentiometer is damaged. 3、 Inspect for loose connections in the cables and verify if the speakers are damaged.
C. Can not start the game	1、 Check if the I/O board is functioning properly. 2、 Check if the buttons are working correctly and ensure there are no loose connections in the cables.
D. No coin	1、 Check if the I/O board is functioning properly. 2、 Check if the Coin Mech is working normally and inspect for loose connections in the cables.
E. Seat Vibration Not Working	1、 Check if the I/O board is functioning properly. 2、 Verify if the air pump switch is turned on and check for air leaks in the pump.
F. Gun Not Responding	1、 Check if the I/O board is functioning properly. 2、 Test if the gun' s potentiometer is damaged. 3、 Recalibrate the gun (follow calibration procedures).
G. No Signal from the PC	1、 Check if the display cable is loose. 2、 Verify if the main unit is operating normally.

10. Wiring Diagram



MINI WORLD MOTION
WIRING DIAGRAM V02

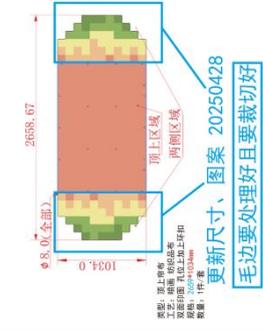
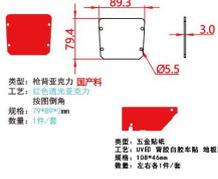
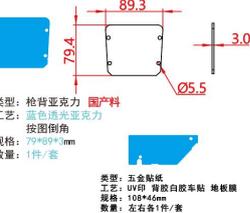
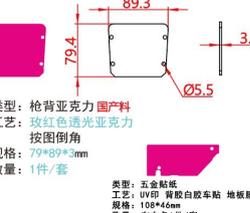
11. Spare Parts List

No.	Part Number	Name	Image	Qty
1	1.DZ.KG.1068	4-Pin Switch		2 Piece
2	1.DZ.DY.0135	Filter		2 Piece
3	1.DZ.DQ.0423	Fuse Holder		2 Piece
4	1.DZ.FS.2002	Cooling Fan		4 Piece
5	1.DZ.DY.0130	12V 29A Power Supply		2 Piece
6	1.DZ.DY.0146	24V 6.5A Power Supply		1 Piece
7	1.DZ.DY.0145	12V 17A Power Supply		1 Piece
8	1.DZ.KG.2001	Button		3 Piece
9	1.DZ.KG.2116	Emergency Stop Button		2 Piece
10	1.DZ.KG.2100	Start Button		3 Piece

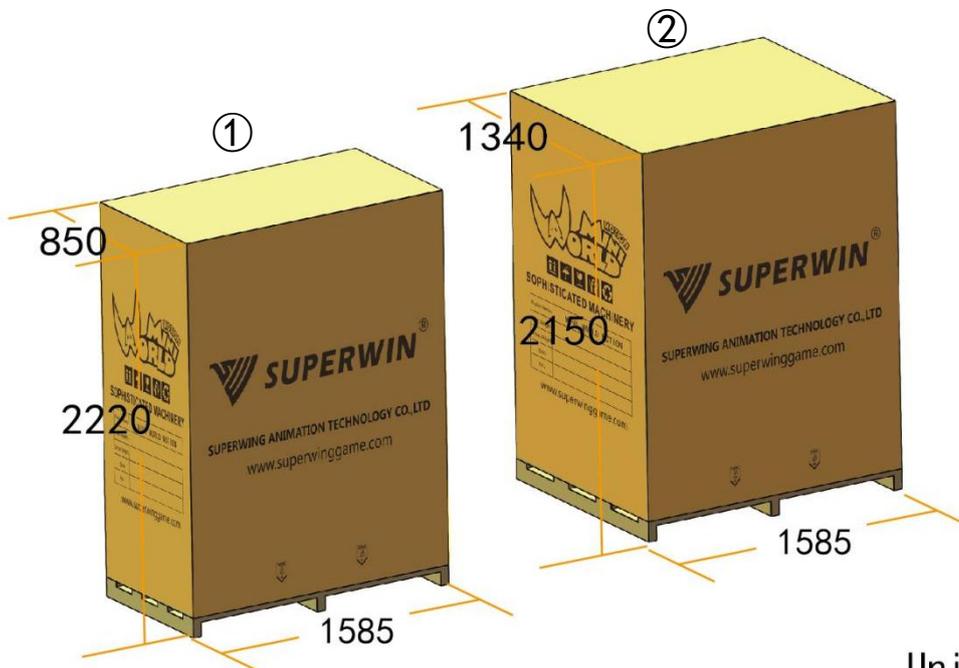
11	1.DZ.KG.1075	Trigger Switch		6 Piece
12	1.DZ.DQ.0039	Potentiometer		6 Piece
13	1.DZ.XB.0181	Amplifier Board		1 Piece
14	2.XB.YZ.0248	IO Board		1 Piece
15	2.XB.ET.0028	5-Way Driver Board		1 Piece
16	1.DZ.LB.0064	Left and Right Channel Speakers		2 Piece
17	1.DZ.LB.0065	Subwoofer		1 Piece
18	1.DZ.XS.4048	65-inch LCD Screen		1 Piece
19	2.ZJ.CJ.0050	Mainframe		1 set
20	1.DZ.DJ.0188	Air Compressor		1 Piece
21	1.DZ.FS.2021	Centrifugal Fan		3 Piece

22	1.DZ.DJ.0211	Motor		3 Piece
23	1.DZ.DJ.0099	Vibration Motor		3 Piece
24	1.DZ.LE.0509	Laser Spotlight		3 Piece
25	1.WJ.QT.0355	Fisheye Joint Bearings		3 Piece
26	1.WJ.QT.0354	Deep Groove Ball Bearings		3 Piece
27	1.DZ.DQ.0280	Solid State Relay		3 Piece
28	1.DZ.TB.0039	Coin Mech		3 Piece
29	1.DZ.DQ.0312	Electronic Code Meter (with backlight)		1 Piece
30	5.FL.0408	Stretch Cloth		1 Piece
31	1.SL.QT.0190	Air Bag		4 Piece
32	9.WJ.ET.0168	Solenoid Valve		1 Piece

33	1.DZ.DQ.0186	Airbag Solenoid Valve		4 Piece
34	5.FL.0386	Sponge		1 Piece
35	1.DZ.QT.0050	3A Fuse		2 Piece
36	1.DZ.QT.0051	4A Fuse		1 Piece
37	1.DZ.QT.0052	5A Fuse		1 Piece
38	1.DZ.QT.0041	7.5A Fuse		6 Piece
39	1.DZ.QT.0042	10A Fuse		2 Piece
40	2.TZ.ET.0985	Stickers and Acrylic (Special Edition)		1 set
41	2.TZ.ET.0984	Stickers and Acrylic (Universal Version)		1 set

42	2.TZ.ET.0986	Warning Sticker(Small)		1 set
43	5.FL.0407	Curtain Fabric (Universal Version)		1 set
44	2.TZ.ET.0988	Stickers and Acrylic (Gun Tail Red)		1 set
45	2.TZ.ET.1005	Stickers and Acrylic (Gun Tail Blue)		1 set
46	2.TZ.ET.1006	Stickers and Acrylic (Gun Tail Rose Red)		1 set
47	2.TZ.ET.0987	Adhesive Acrylic (Gun Compatible)		1 set
48	2.TZ.ET.0900	Gun Button Sticker		1 set

12. MINI WORLD MOTION Packing Specifications



Unit: mm

Material	Cardboard Boxes + Wooden Pallet	Volume	Total 8 m ³
Number of pieces	Total 2 pieces	Total weight	654.5KG
Number of Machine in 40inch Container	7	Number of Machine in 20inch Container	3

Number	CBM	Gross Weight
①	3 m ³ /Piece	287.5KG/Piece
②	4.6 m ³ /Piece	367KG/Piece



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