

VR AGENT

User Manual

Version 1.01



WARNING

- For safety reasons, please read the manual first before plugging in machine.
- Please keep this manual properly for convenient reference as needed.

About This Manual

Thank you for purchasing this product.

The manual describes how to install, set up, use and maintain the product. The main purpose of the manual is to instruct how to operate the product correctly and safely. Please follow all the safety and warning instructions in the manual to avoid personal injury and product damage.

This product may only be maintained by a technician. A technician mainly refers to a person who has obtained a certificate of senior middle school related to mechanical engineering, electrical engineering or at a level equal to that of technical senior middle school graduates, and is engaged routinely in the maintenance, management, repair of amusement machine.

When transferring the ownership of this product, be sure to provide this manual with the machine.

For further information about the game and repair (including consumables), please contact our company.

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1. Safety Precautions

1.1 Warning Stickers

In order to avoid injury to related people and damage to property, please observe the followings:

PLEASE READ FIRST

- The following marks can be used to indicate the magnitudes of risk and damage caused by ignorance or improper operation:



means “may result in serious injury or death”



means “may result in minor injury or property damage”

Serious Injury: refers to the situations in which hospital treatment or long-term treatment will be accepted because of losing sight, getting hurt, getting burnt, electric shock, fracture or intoxication.

Minor Injury: refers to the cases that there is no need to go to hospital or accept long-term treatment.

Property Damage: refers to the damage of house, facility, or hurt of livestock and pet

1.2 Placing Site



Warning

- Please make sure the place line has been grounded before product installation, setup, testing, operation or repair.
- This machine is designed for indoor use only. Never install the machine outdoors. Meanwhile, please avoid the following locations indoor :
 - Direct sunlight, water leakage, damp and high temperature places.
 - Near Flammable, volatile, or/and dangerous substance.
 - Slope, unstable places or locations subject to frequent vibration.
 - Near emergency exit, fire extinguisher or similar equipment.
- The rear part has the vent for heat emission from PC or screen. Don't place anything nearby to avoid game failure.
- Provide a space of minimum 30cm between the rear of the machine and the wall for good ventilation and heat emission.

1.3 Safety Precautions

The owner shall pay attention to the followings when placing, checking and repairing machine to ensure player's security and avoid damage:



Warning

- Please check the voltage is 110V or 220V before the machine connects to the power supply, or it may cause a fire or electric shock.
- Make sure to plug the game into 110V or 220V main outlet to avoid fire and electric shock.
- Make sure to turn off the power when performing maintenance and service to avoid electric shock or short circuit.
- Do not unplug or plug the plug instantly.
- Do not touch the power plug with a wet hand to avoid electric shock.
- Do not expose the power cord/grounding line on the passageway. Failure to do this will damage the power cord, causing electric shock or short circuit.
- Do not place anything near to the power cord to avoid fire.
- Do not pull the power cord when unplugging, please hold the plug to avoid power cord damage, causing fire or electric shock.
- In case of power cord damage, please contact the local distribution for replacement
- Only use fuse and spare parts specified by our company
- Connect the connector firmly and tighten the screws.
- Do not dismount, replace or convert the product without our permission in order to avoid damage and human injury due to improper operation.
- Check and maintain the machine regularly.
- Keep "WARNING stickers" clean and legible. Replace it immediately when the words are not legible or the dirt cannot be removed.
- Please contact our service center when performing any work that is not described in this manual, and follow the instruction provided.

1.4 Precautions during Play



Caution

- In order to avoid injury and accident during play, the following people shall not play the game :
 - People who are injured or less mobile.
 - Person with poor health condition, such as hypertension or heart disease.
 - Person wearing high-heeled or slippery shoes.
 - Person who's feet cannot touch the stepping base.
 - Pregnant woman, drunk people.
- When a player feels uncomfortable during play, remind the person to have a break, or stop playing.
- Make sure the player reads the Warning labels and other indications, and plays in accordance with the instructions to avoid accidents such as electric shock and short circuit.
- Bystander shall not operate any button when the player is playing the game to avoid unnecessary trouble.

1.5 Transporting and Moving



Caution

Transporting

- When transporting the machine with an elevator, be sure to employ “Lift Point” to prevent accident and damage to the machine.
- To prevent movement when transporting the machine on a vehicle, please fix the casters and fully retract the adjusters. Failure to do this may cause damage to the machine.
- When carrying the machine with a forklift, be sure to insert the fork to fork position and lift stably or it may cause accident and damage to the machine.
- The glass and LCD screen are fragile. Avoid violent vibration or shock when transporting.

Moving

- Before moving the machine, unplug the power plug to prevent accident. Do not damage the cord.
- Pay attention to the obstructions and uneven surface when moving the machine to prevent accident and damage to the machine.
- Fully retract all adjusters before moving to prevent accident and hazard.
- Make sure to use at least two persons to conduct the above work to avoid accident and injury.
- Pay attention to the moving direction, see fig.



1.6 Installing and Placing

Pay attention to the following when placing the machine.



Caution

- Place the machine on the flat and slip resistant area.
- Use the adjusters to fix the machine (See Diagram A).
 1. Loosen the nuts for the adjusters (clockwise), tighten the bolts with a wrench (clockwise).
 2. Tighten the nut firmly (counter clockwise) and fix it well.

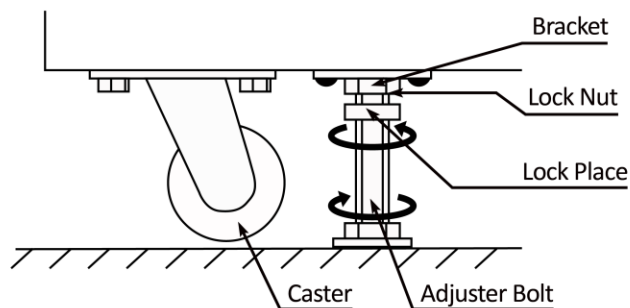


Diagram A

- Provide a space of minimum 30cm between the rear of the machine and the wall for good ventilation and heat emission (see Diagram B and C).

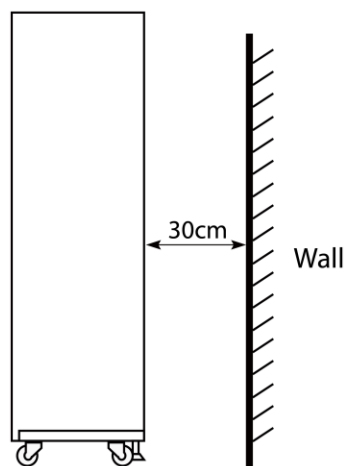


Diagram B

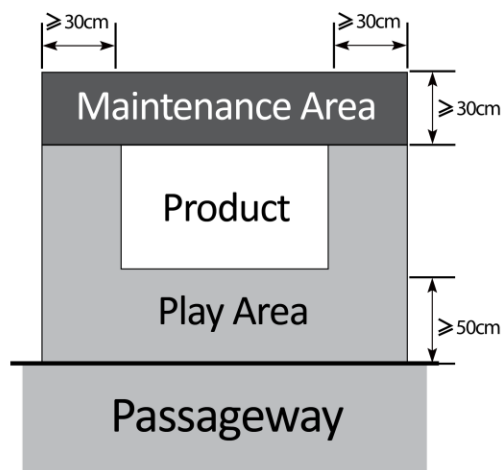


Diagram C

2. Product Description

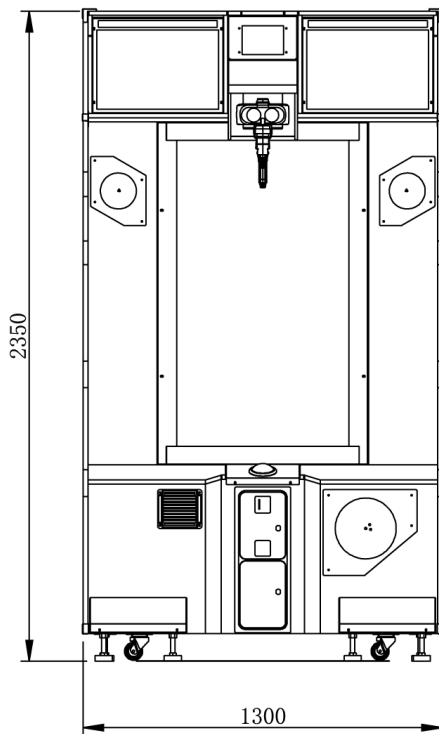
2.1 Product Specification

▪ Location	Indoor Only
▪ Dimension	1300(W) x 2390(D) x 2350(H)mm
▪ Rated Voltage, Frequency	AC220V 50Hz /60Hz
	AC110V 60Hz
▪ Power Consumption	750w
▪ Weight	285 kg
▪ Temperature Range	5~40 °C

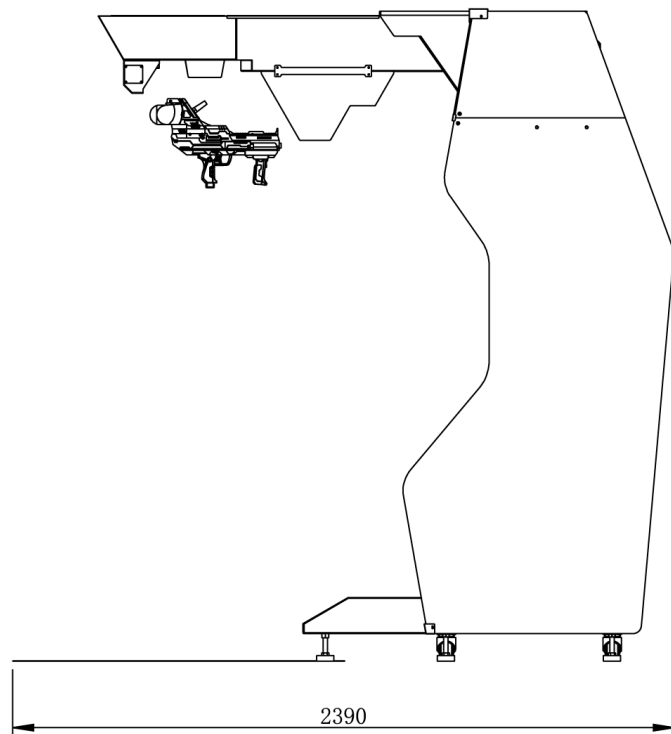
*110V voltage can be set through the transformer and fuse. Please contact the distributor for details.

NOTE: The contents herein described are subject to change without notice.

► Front View

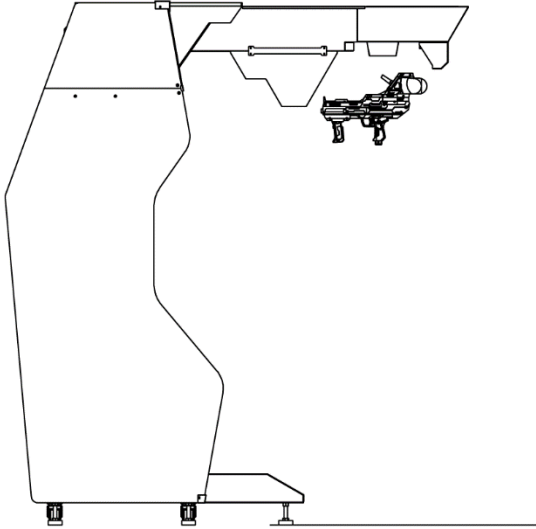


► Side View

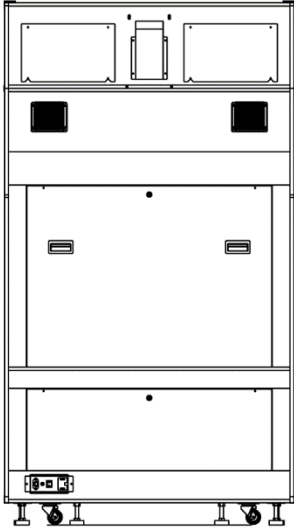


2.2 Cabinet Overview

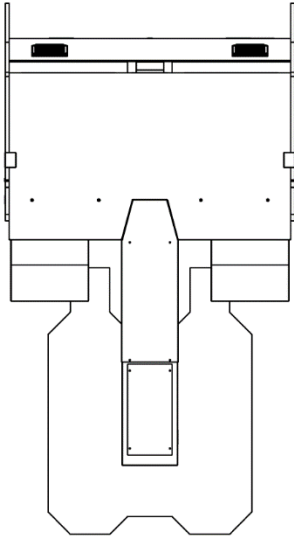
▶ Side View



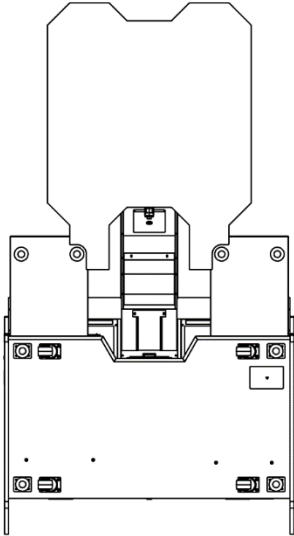
▶ Rear View



▶ Top View

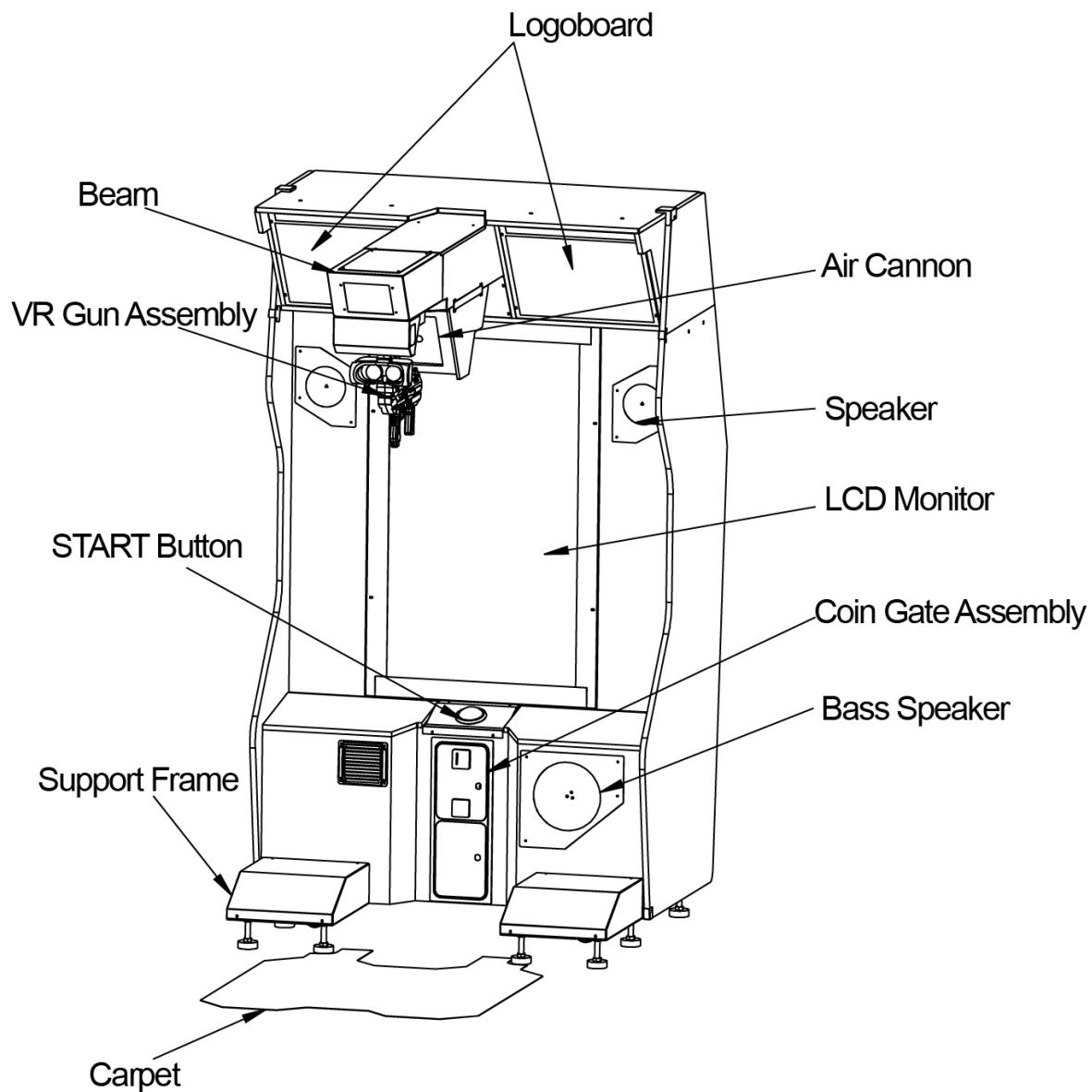


▶ Bottom View

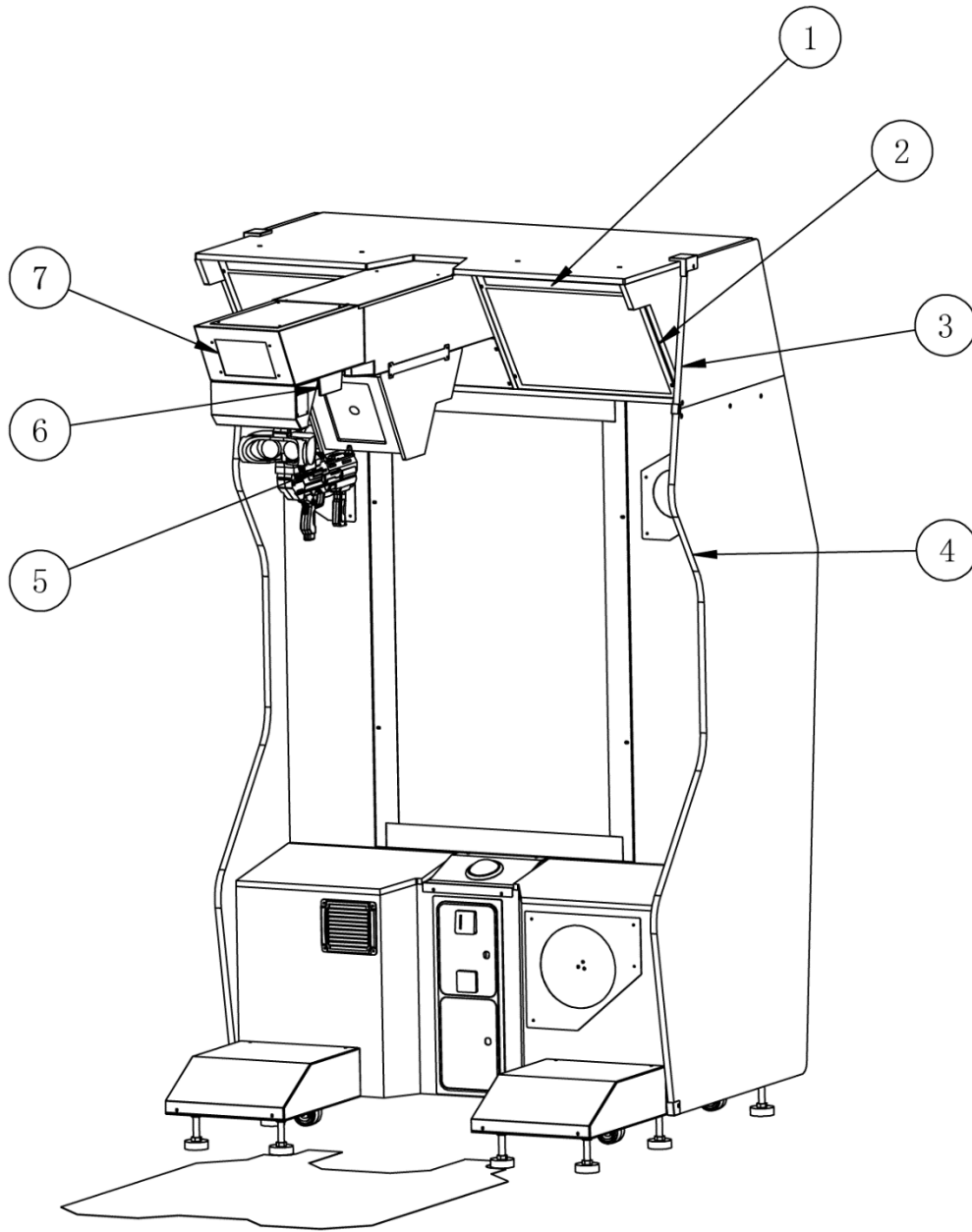


2.3 Parts Name

2.3.1 – Cabinet Component List



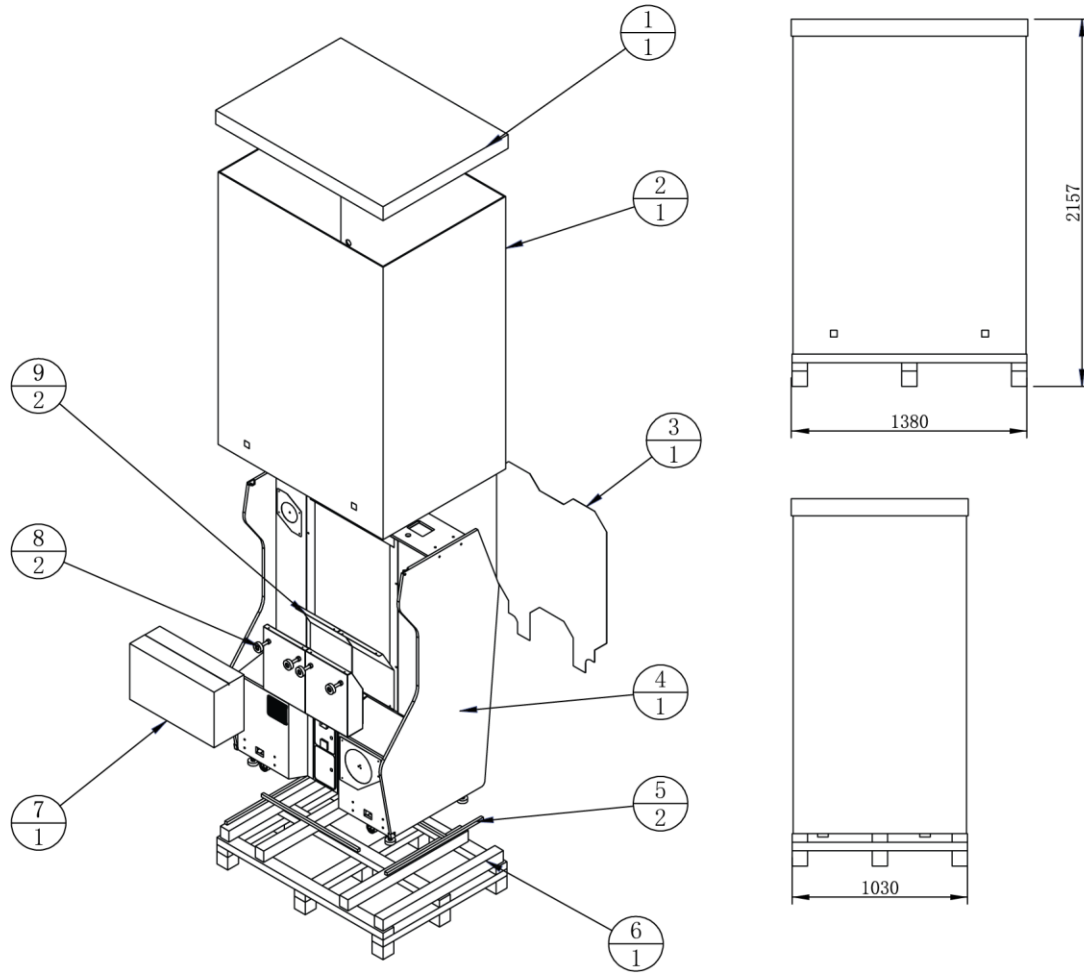
2.3.2 – Cabinet LED List



No.	Parts Name	Specification	Qty	Remarks
1	Top of light box	DC 12V RGB L=400mm	2	
2	Two sides of Logoboard	SK6812 L=400mm	4	
3	Two sides of Logo box	SK6812 L=350mm Butt joint	2	
4	Two sides of LCD	SK6812 L=2000mm	2	
5	Inside Gun	SK6812 C3-3P Mother (1Black 2Blue 3Red) - (26# Cable30) - LED 50- (26# Cable75) - LED 50- (26# Cable60) - LED 50	1	
6	Gun position	DC 12V RGB L=150mm	2	
7	Beam tail	DC 12V RGB L=150mm	1	

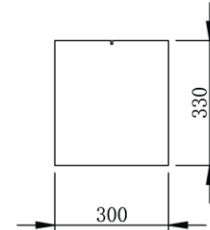
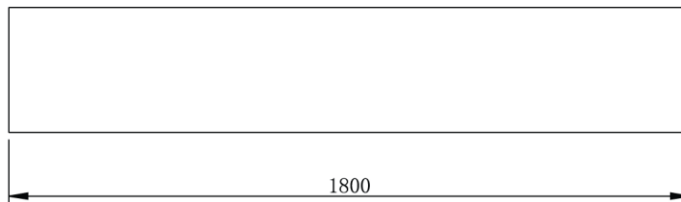
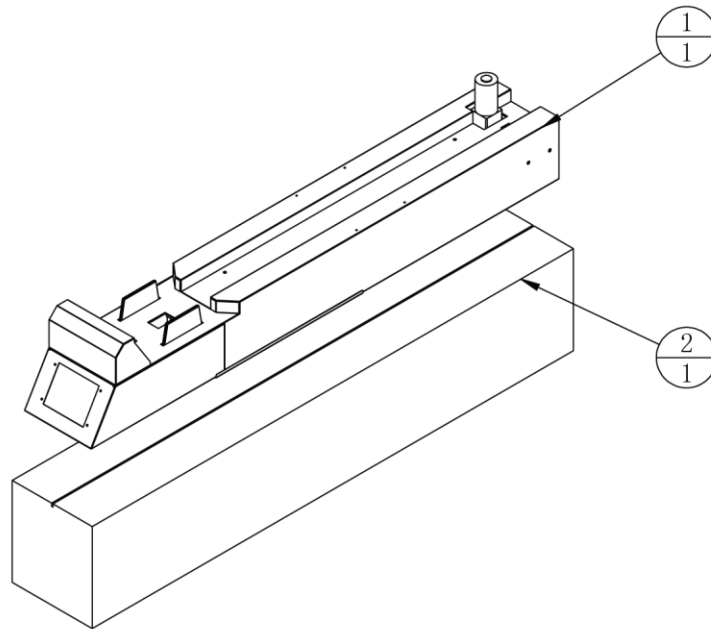
2.4 Shipment List

- Packing Carton 1 (Main Cabinet): 1380 X 1030 X 2157MM



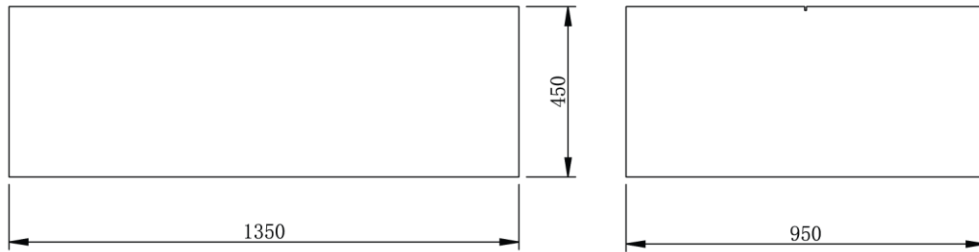
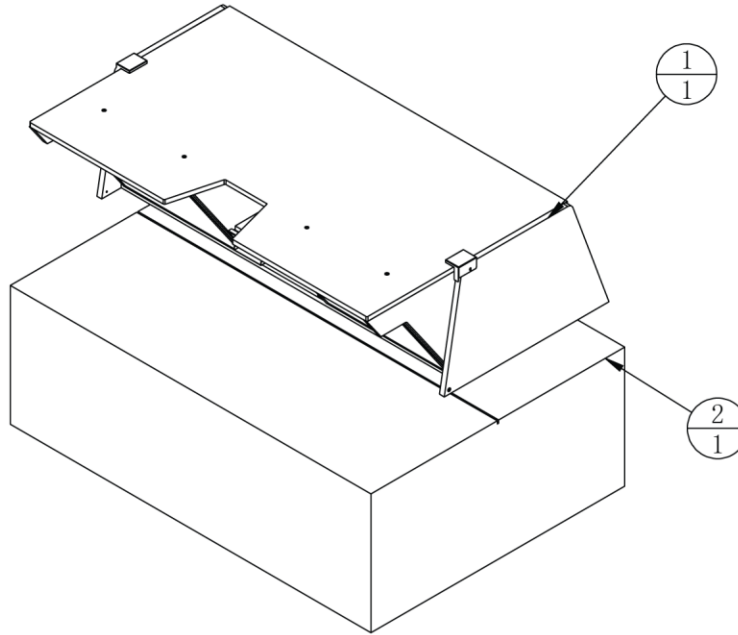
9	ACG2-0000A01	Bracket cover	SPCC-1. 2T	2	
8	ACG2-0400000	Support frame assembly		2	
7	ACG2-9904000	Gun packing box		1	
6	ACG2-9901E01	Frame floor stand	Solid wood	1	
5	ACG2-9901E04	Limit wood strip	Solid wood	2	
4	ACG2-0100000	Main cabinet frame		1	
3	ACG2-0000D01	Carpet	Matte PVC-1. 0T	1	
2	ACG2-9901E02	Cabinet frame fence	Water resistant 2C 850g T-7	1	
1	ACG2-9901E03	Cabinet frame canopy	Water resistant 2C 850g T-7	1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

▪ **Packing Carton 2 (Crossbeam): 1800 X 300 X 330MM**



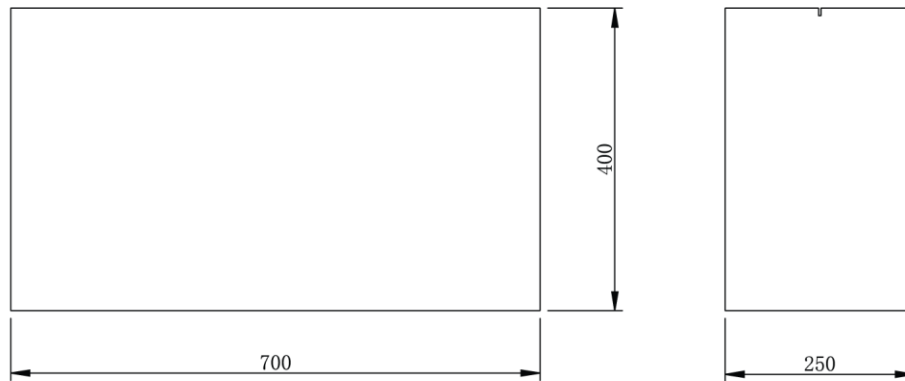
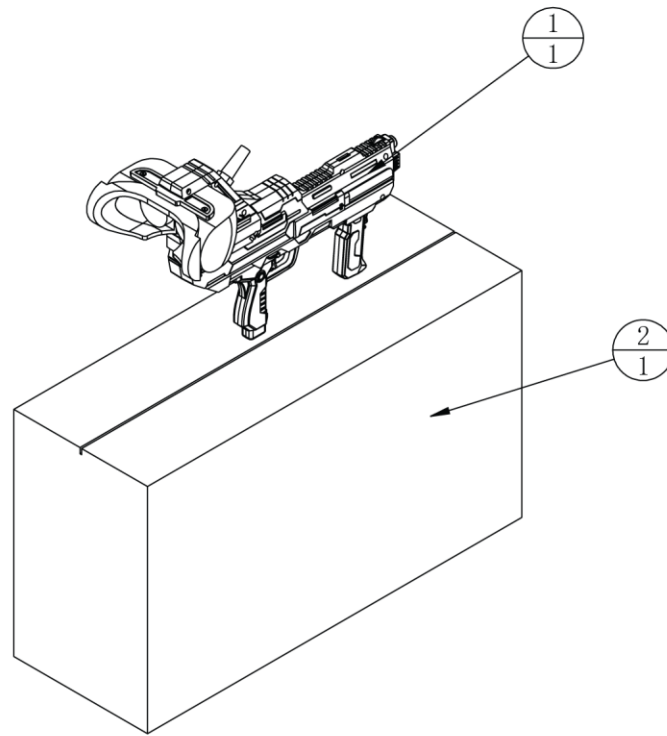
2	ACG2-9902E01	Beam carton	Water resistant 2C 850g T-7	1	
1	ACG2-0200000	Beam assembly		1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

▪ **Packing Carton 3 (Light-Box): 1350 X 950 X 450MM**



2	ACG2-9903E01	Light-box carton	Water resistant 2C 850g T-7	1	
1	ACG2-0300000	Light-box assembly		1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

▪ Packing Carton 4 (VR Gun): 700 X 250 X 400MM



2	ACG2-9904E01	Gun carton	K=K	1	
1	ACG-0900000	Gun assembly		1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

2.5 Packing List

Please check the following items after purchasing our product. If any part is missing or damaged, please contact our salesperson.

No.	Name	Material/Specification	Quantity	Remarks
1	Adhesive strip connecting plate	SPCC-1.2T	2	Image no: ACG2- 0000A02
2	Outer hexagon three combination screws	M8*35 (Black plated)	14	
3	Outer hexagon three combination screws	M8*45 (Black plated)	6	
4	Outer hexagon three combination screws	M6*30 (Black plated)	1	
5	Hexagon socket head screw	M4*12 (Black plated)	8	
6	Hex flange nut	M4 (Color plating)	2	
7	Phillips round head three combination screws	M3*8 (Black plated)	3	
8	Cable-5m	AMP 5M	1	
9	AC Power Cable	3m(1.5mm ²)	1	
10	Fuse tube	F10A/6*30 250V	1	
11	Same number key	5555 Lock	2	
12	User Manual		1	

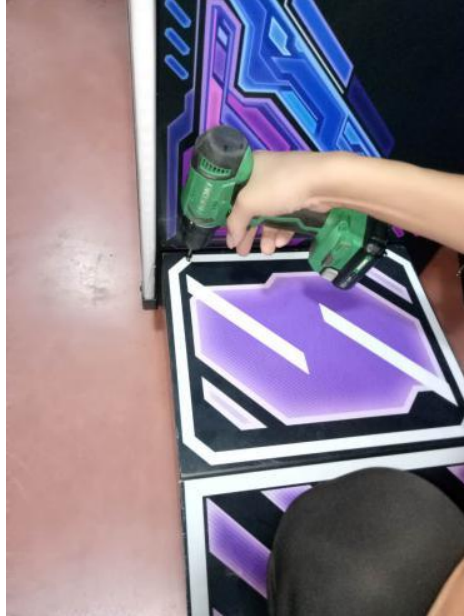
2.6 Install Direction

Guidelines of Cabinet Installation:

Step 1: Fix the support frame to the LCD frame;



Step 2: Install the support cover;



Step 3: Remove the rear cover of the light box;

Step 4: Place the light box on the LCD frame
(At least 2 people to operate);



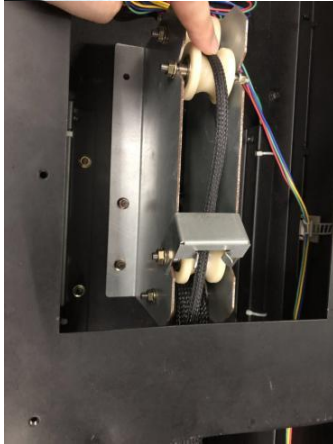
Guidelines of Cabinet Installation:

Step 5: Fix the light box on the LCD frame from the rear (6 screws);

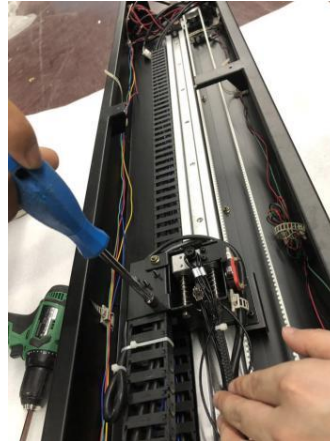


Step 6: Remove the 2 upper cover plates of the cross beam;

Step 7: Pass the fixing ropes of the gun through the holes of the beam; And pass the guide wheel as shown;



Step 8: Fix the gun cord slot on the beam as shown in the figure; And fix the gun rope wire up and down on the slider;



Guidelines of Cabinet Installation:

Step 9: Insert the beam from the fixed opening of the light box (At least 3 people to operate);



Step 10: Fix the beam from behind the light box (6 screws);



Step 11: Connect the light box and beam lines;

Step 12: Fix the air cannon on the beam and connect the wire;



Guidelines of Cabinet Installation:

Step 13: Install the front cover of the light box;



Step 14: Connect the light box and the LEDs on both sides of the LCD frame wire, and install the adhesive strip connection board;



Step 15: Install the beam cover and the rear cover of the light box.

-Installation is completed.-

2.7 Warranty

■ Scope

- Inquiry regarding product can be assisted for free.
- The warranty scope for consumables and durables may differ from product to product. Please contact our after-sales service center for detailed information. The right of final interpretation is reserved.

■ Exclusive

- Damage caused by force majeure.
- Failure caused by carelessness, such as water contact, falling down, toppling, knocking.
- Failure caused by disobeying the instructions in this manual.
- Failure caused by operating the machine on inappropriate site.
- Change the original design and configuration for the game without notice.
- Failure to perform regular service and clean.
- Failure to fix the product in line with the manual's requirement.
- Malfunction or part damage caused by electromagnetic interference other electronic equipments generated.

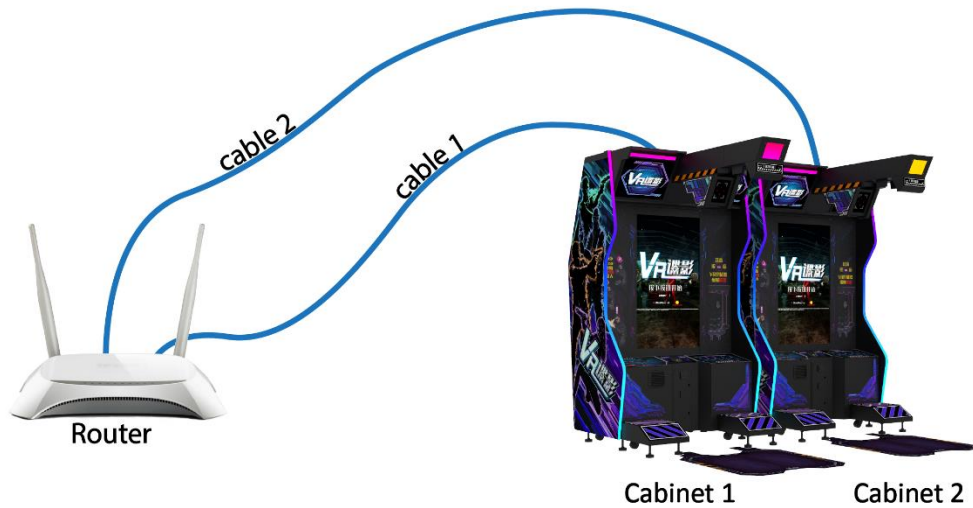
■ Non-warranty Consumables

- Light tube and bulb
- Button lamp and switch
- Fragile items
- Solenoid
- Other spare parts

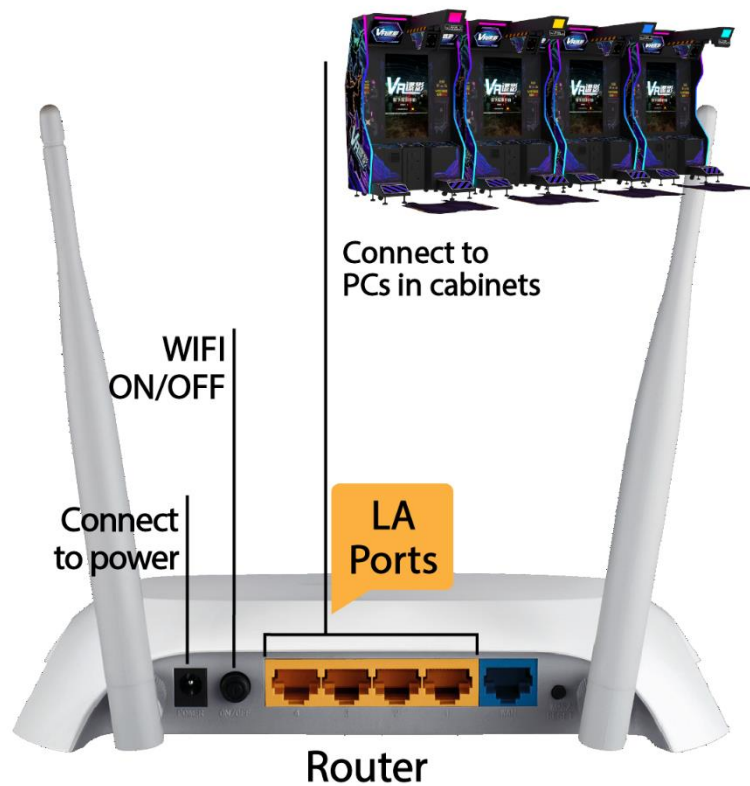
3. Linking and Networking

In the below figure, it shows how the cabinets (no. of cabinets from 2 to 4) should be linked up with the router by cables separately.

Note: Please make sure all games are in the same version in order to be linked with.



In the router, the LAN ports are where cable(s) to PCS should be inserted; the WAN port is where the Internet cable should be inserted.



4. Game Description and AO MENU

4.1 Game Description

4.1.1 GAME FEATURE

- Immersive Missions with unique VR aiming Control with Haptic Rumble feedback
- Up to 4 players linked play
- 5 Exotic Stages with Final Stage to face the BOSS
- 5 Exotic Scenes
- 2 Game Modes:
 - 1 Player Solo
 - Multiplayer (support link-play up to 4 players at a time)
- Game Difficulties: **Easy**, **Normal** and **Hard**
- Air cannon system for enhanced VR experience
- Full LED illuminated Cabinet

4.1.2 GAME CONTENT

Scenes

There are total of 5 scenes:

- **1 - Nightclub**



- **2 - Tunnel**



- **3 - Factory**



- **4 - Warehouse**



- **5 - BOSS Stage**

Stages

- There are total of 5 stages.

Difficulties

- There are 3 levels of difficulties: **Easy**, **Normal** and **Hard**

Game Modes

- 1 PLAYER SOLO
- MULTIPLAYER (support link-play up to 4 players at a time)

4.2 Game Flow

4.2.1 Front-End MENU

(1) Insert Coin Page

Insert coin page will be appeared to ask player to insert coins and start the game.



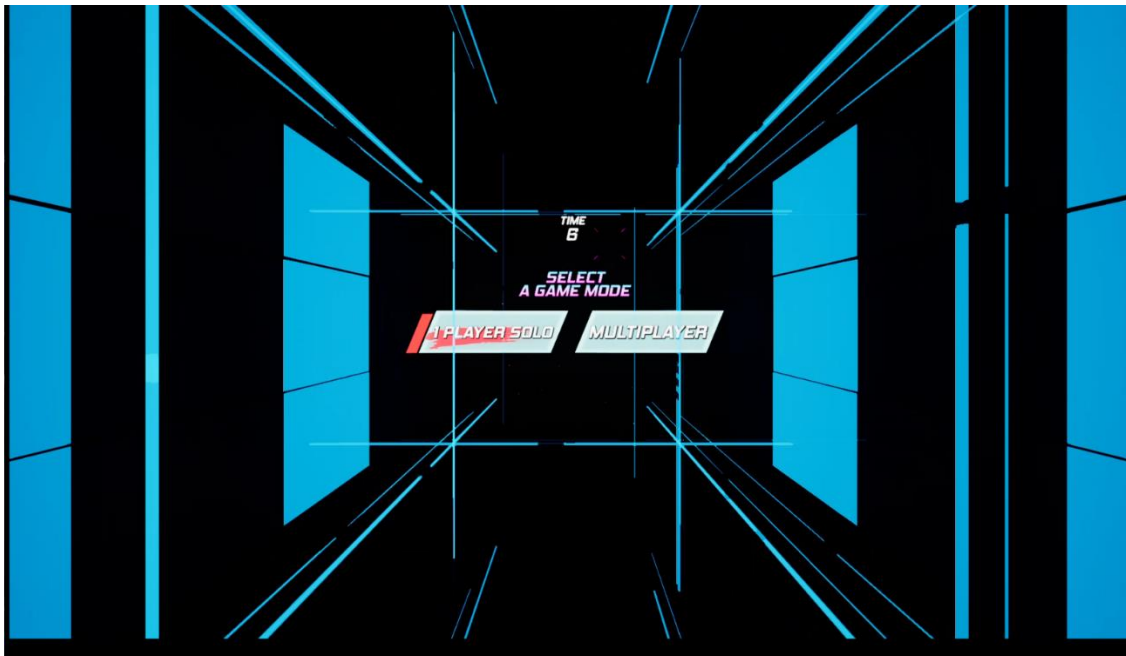
(2) Warning Message

A warning screen will appear after game is started.



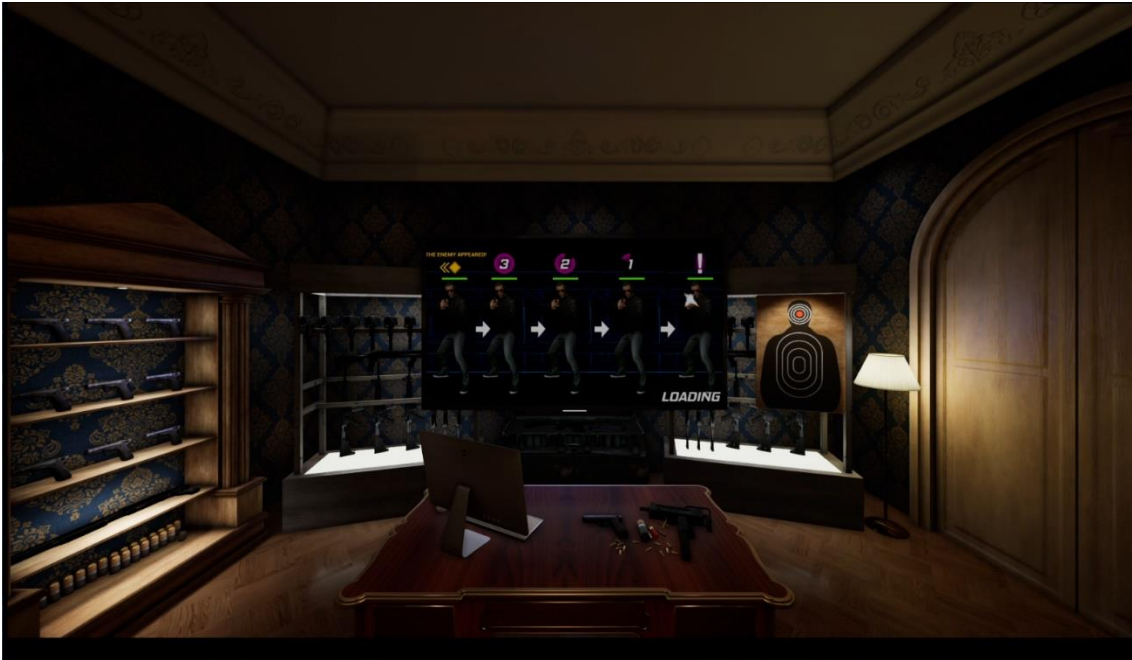
(3) Select Game Mode

The game has two game modes: **1 PLAYER SOLO** and **MULTIPLAYER** (support link-play up to 4 players at a time)



(4) Loading Screen

Learning Tips will be shown in loading screen.



4.2.2 In-Game HUD

(5) In-Game HUD

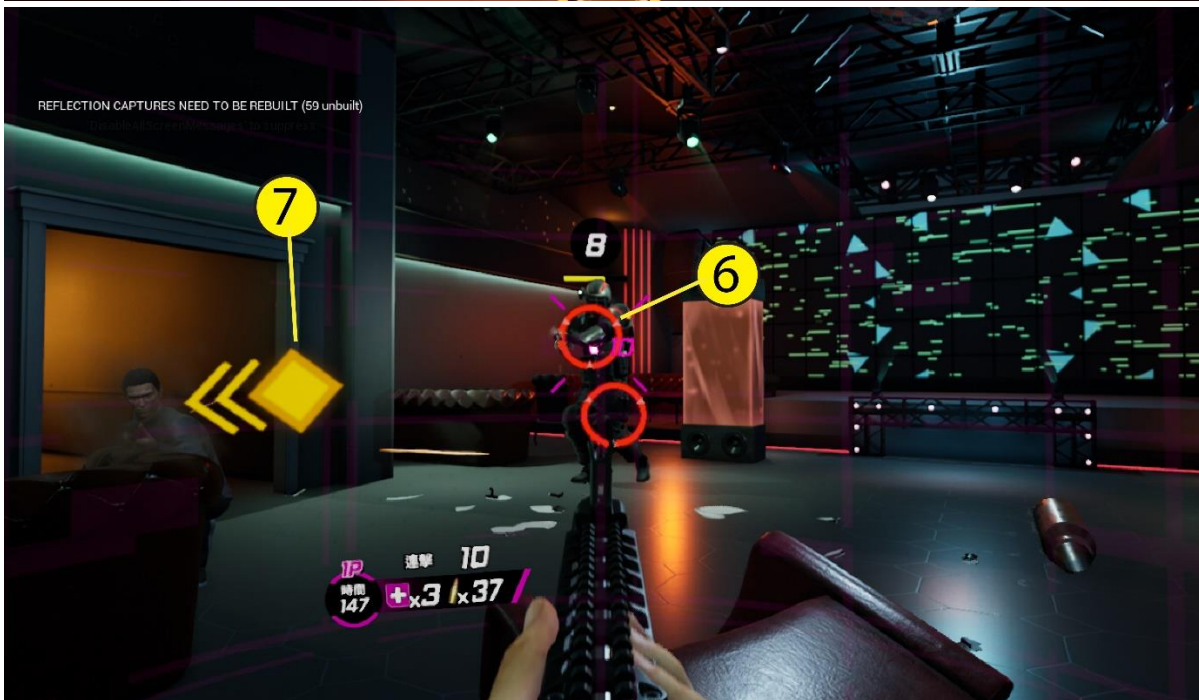
Game START

Game starts at once right after the loading is finished.



UI Screen

During the game, status of the player will be displayed around the screen.



1 - Game countdown time	5 - Enemy's health
2 - Player's health	6 - Enemy's weak point(s)
3 - Number of bullets	7 - Enemy position locator
4 - Countdown enemy attack time	

4.2.3 Back-End MENU

(6): Player Result

The game ends when the player completes the stage or has no life remaining or time is up.

After the game is over, the performance of all players in the stage will be displayed.



4.3 USB Drive Patching

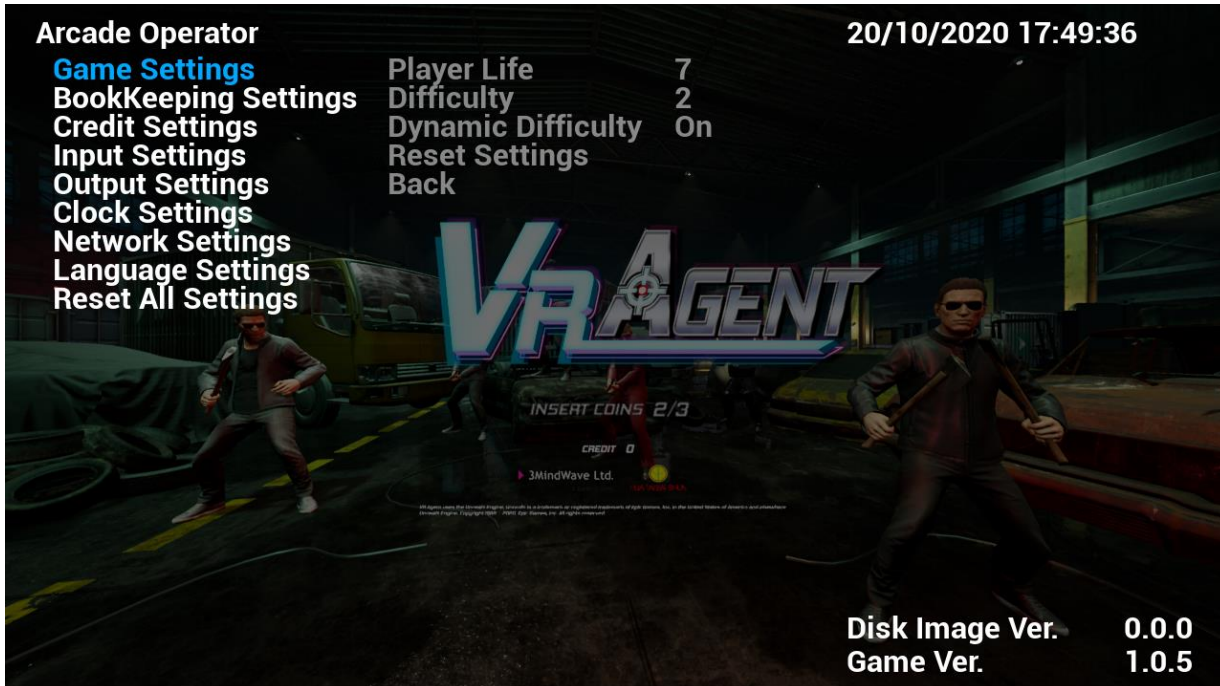
USB Patching Steps:

1. Create a directory named [**VRAgentUpdate**] in the USB (for example, U:\VRAgentUpdate\), and copy the new game update software to this directory.
2. Turn off the host computer of the VR Agent machine.
3. Please insert the USB Drive into the host computer of VR AGENT machine.
4. Restart the host computer of the VR AGENT machine, the game launcher will automatically start and install updates from the USB drive.
5. After USB patching is completed, please remove the USB drive from VR AGENT machine.

4.4 Operator MENU

Arcade Operator

1. Under the game **Title Screen**, press the [**Menu**] key of the coin control box to enter the [**Arcade Operator**], the **main arcade operator** menu is shown as below.



2. In the main menu screen, use the [**LEFT**] and [**RIGHT**] arrow buttons to select a menu item, press the [**START**] button to enter the **sub-menu list**.

3. Use the [**LEFT**] and [**RIGHT**] arrow buttons to select the preference of the selected sub-menu item. Select [**Back**] at the bottom of the sub-menu list to go back to **main menu screen**.

4. Setup is saved automatically.

5. To exit the **arcade operator** user interface, press the [**MENU**] button. It will go back to the game title screen with new settings.

4.4.1 Game Settings

Under **Game Settings**, settings related to game-play can be adjusted here.

1. Please press the **[Test]** button in the control box of the coin gate of the cabinet to enter **[Arcade Operation]**. The main menu is shown in the figure below.



2. After entering the menu, use the **[up]** and **[down]** keys to select the menu item, press **[Test]** to confirm or enter the sub-menu, please follow the prompt message at the bottom right of the screen.

3. The main menu includes the following settings:

- Game Settings
- Bookkeeping Settings
- Credit Settings
- Input Settings
- Output Settings
- Clock Settings
- Network Settings
- Language Settings
- Reset All Settings

4. After setting or testing, select **[back]** in the main menu, settings will be saved automatically. Please press **[Service]** to exit the operation interface.

4.4.1 Game Settings



1. Enter **[Game Settings]**, you can set the following items:

Setting Items	Setting Content
Player Life	1-99
Difficulty	1/2/3 (1 = the easiest)
Dynamic Difficulty	On/Off
Reset Settings	/
Back	/

2. After setting or testing, select **[back]** in the main menu, settings will be saved automatically. Please press **[Service]** to exit the operation interface.

4.4.2 Bookkeeping Settings

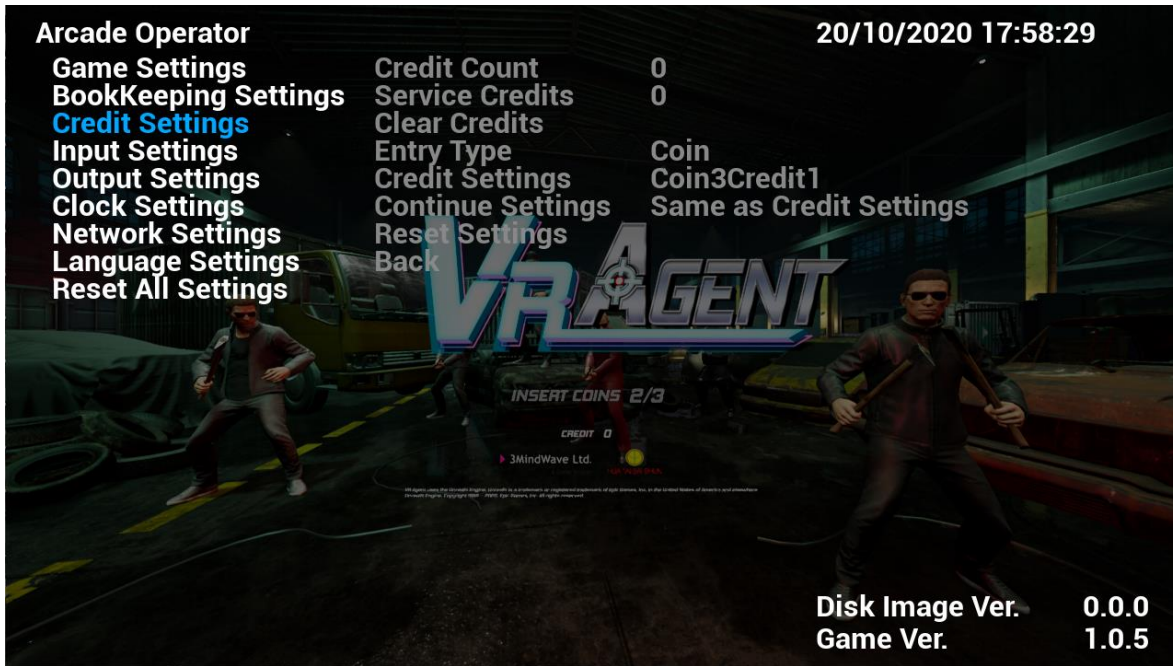


1. Enter **[Bookkeeping Settings]**, you can check the following items:

Setting Items	Check Content
Play Info	/
	Total Time On
	Total Coin In
	Total Credit In
	Total Credit Continues
	Total Service Credit
	Total Service Credit Continues
	Total Play
	Single Player Plays
	Multi Player Plays
	Single Player Continue
	Multi Player Continue
Total Average Game Time	/
	Average Game Time Singleplayer
	Average Game Time Multiplayer
Hourly Income	/
Daily Income	Monday to Sunday
Total	/
Reset Record/High Score	/
Reset Settings	/
Back	/

2. After setting or testing, select **[back]** in the main menu, settings will be saved automatically. Please press **[Service]** to exit the operation interface.

4.4.3 Credit Settings

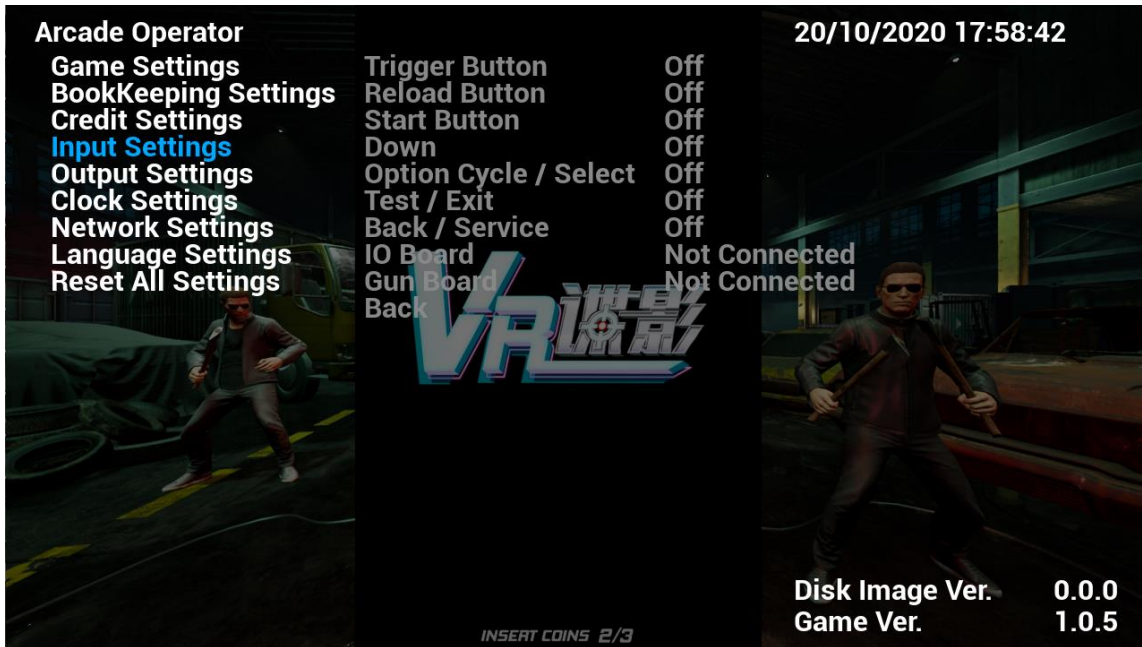


1. Enter [**Credit Settings**], you can set the following items:

Setting Items	Setting Content
Credit Count	/
Service Credits	/
Clear Credits	/
Entry Type	Coin/Card Swipe
Credit Settings	Free Play/ X Coins X Credit
Continue Settings	Same as Credit Settings/ X Coins X Credit
Reset Settings	/
Back	/

2. After setting or testing, select [**back**] in the main menu, settings will be saved automatically. Please press [**Service**] to exit the operation interface.

4.4.4 Input Settings

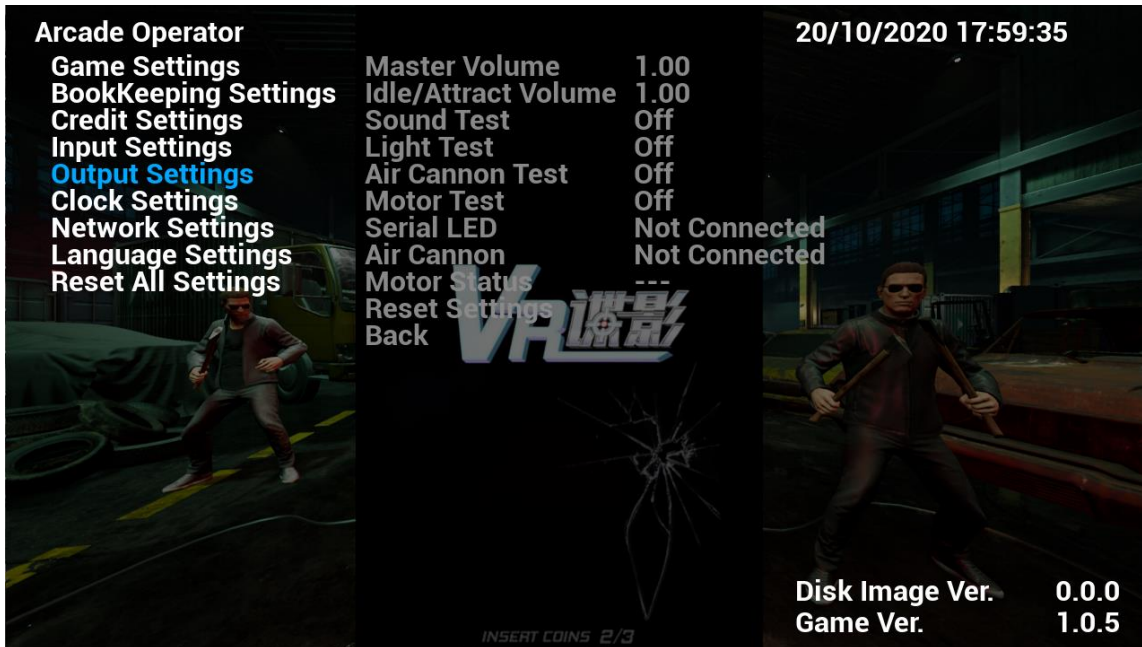


1. Enter **[Input Settings]**, you can set the following items:

Setting Items	Setting Content
Trigger Button	On/Off
Reload Button	On/Off
Start Button	On/Off
Down	On/Off
Option Cycle / Select	On/Off
Test / Exit	On/Off
Back / Service	On/Off
IO Board	Connected/Not Connected
Gun Board	Connected/Not Connected
Reset Settings	/
Back	/

2. After setting or testing, select **[back]** in the main menu, settings will be saved automatically. Please press **[Service]** to exit the operation interface.

4.4.5 Output Settings



1. Enter **[Output Settings]**, you can set the following items:

Setting Items	Setting Content
Master Volume	0-1
Idle/Attract Volume	0-1
Sound Test	Off/Left/Right/Sub
Light Test	Off/Gun Rack/Gun/ Monitor Side Left/ Monitor Side Right/ Logo Left/ Logo Right
Air Cannon Test	On/Off
Motor Test	On/Off
Serial LED	Connected/Not Connected
Air Cannon	Connected/Not Connected
Motor Status	--- (Alert)/ Top (Alert) / Bottom (Alert)
Reset Settings	/
Back	/

2. After setting or testing, select **[back]** in the main menu, settings will be saved automatically. Please press **[Service]** to exit the operation interface.

4.4.6 Clock Settings

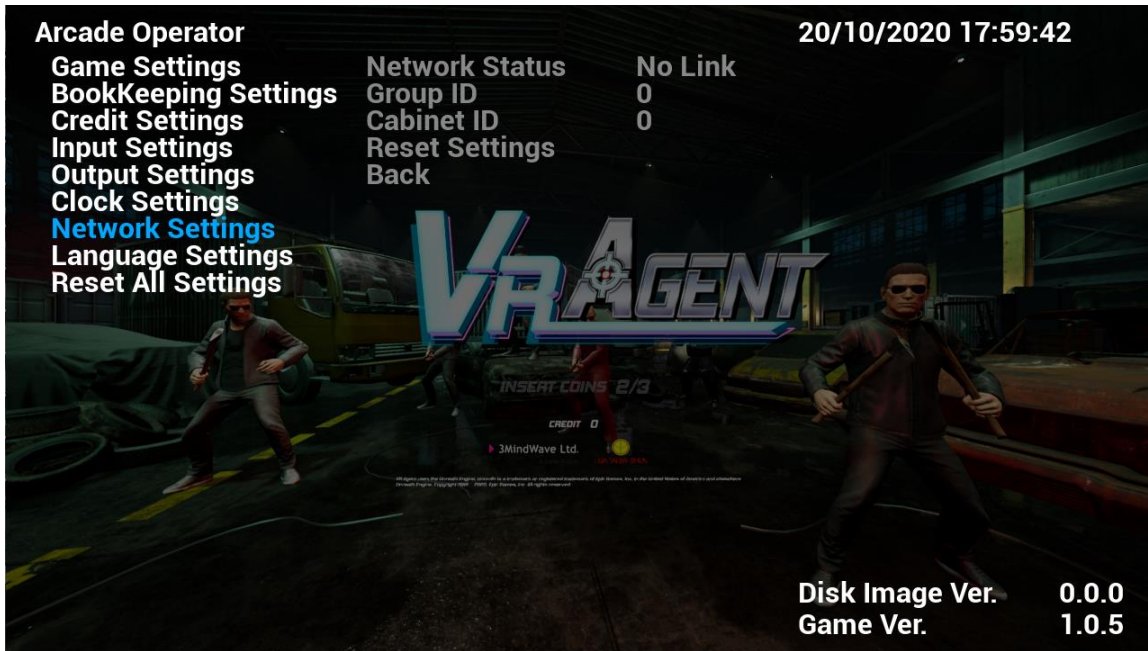


1. Enter **[Clock Settings]**, you can set the following items:

Setting Items	Setting Content
Year	Year
Month	Month
Date	Date
Hour	Hour
Minute	Minute
Second	Second
Apply	/
Back	/
	PLEASE NOTE: Setting the time or date to the past will require the game to restart.

2. After setting or testing, select **[back]** in the main menu, settings will be saved automatically. Please press **[Service]** to exit the operation interface.

4.4.7 Network Settings

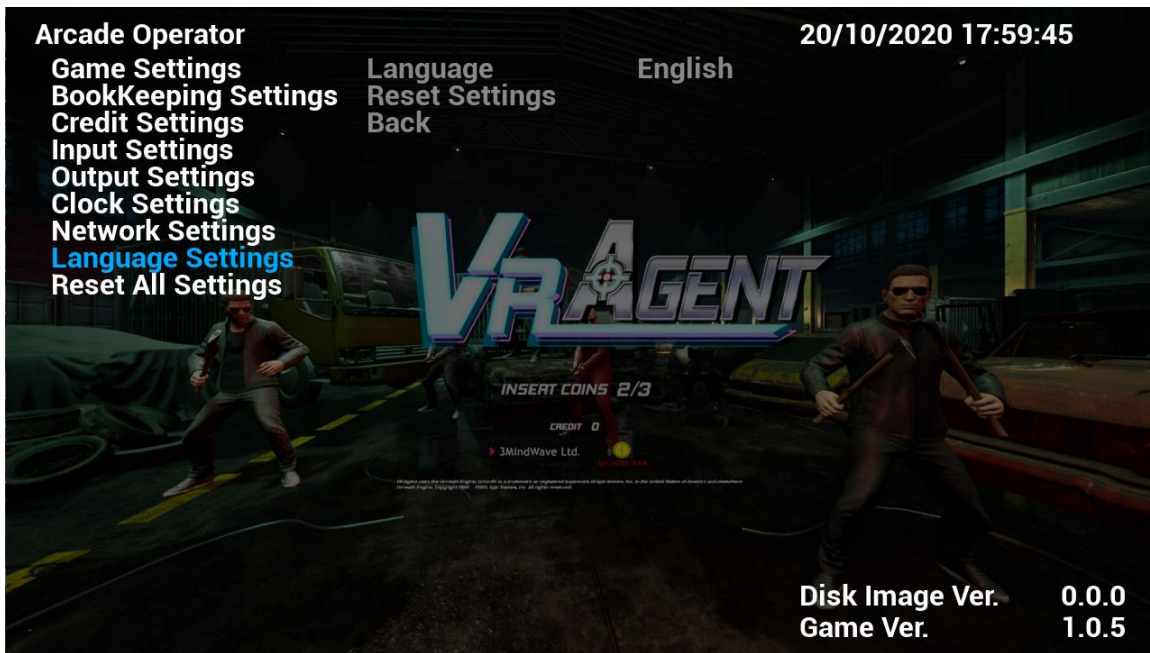


1. Enter **[Network Settings]**, you can set the following items:

Setting Items	Setting Content
Network Status	Linked/Linked [X] Cabs / No Link
Group ID	1/2/3/4
Cabinet ID	1/2/3/4
IP Range	Range 1/ Range 2/ Range 3
Confirm IP Range	Confirm IP may take 2 minutes
Reset Settings	/
Back	/

2. After setting or testing, select **[back]** in the main menu, settings will be saved automatically. Please press **[Service]** to exit the operation interface.

4.4.8 Language Settings

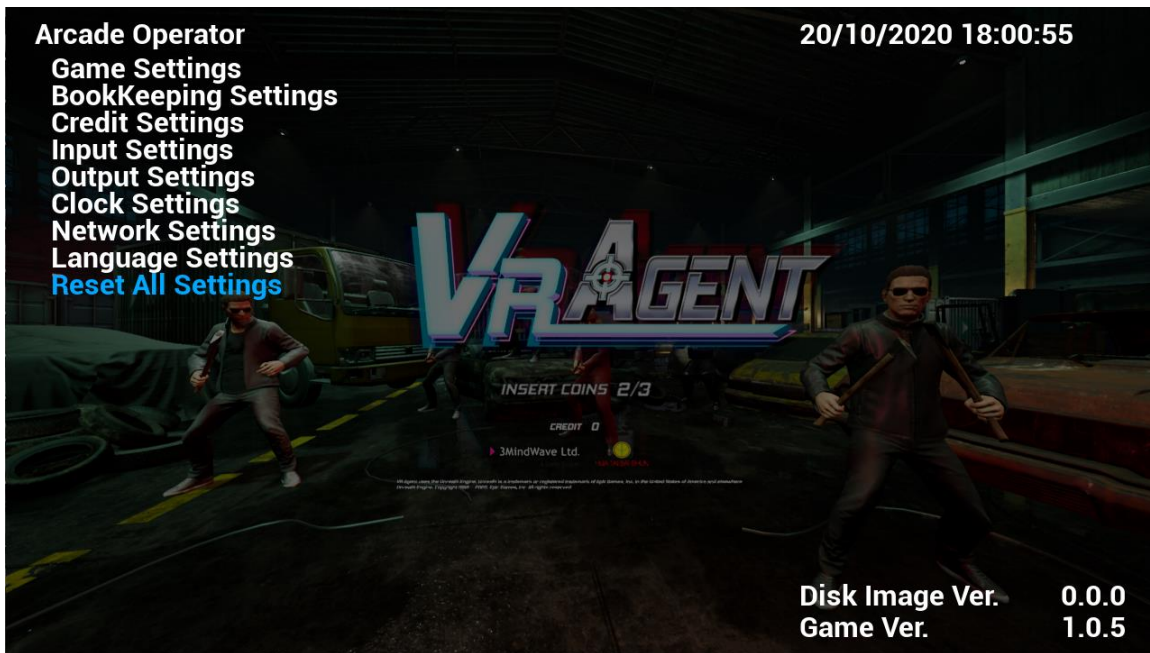


1. Enter [**Language Settings**], you can set the following items:

Setting Items	Setting Content
Language	/
	English
	简体中文(Simplified Chinese)
	繁體中文 (Traditional Chinese)
Reset Settings	/
Back	/

2. After setting or testing, select [**back**] in the main menu, settings will be saved automatically. Please press [**Service**] to exit the operation interface.

4.4.9 Reset All Settings



On the "**Reset All Settings**" page, you can reset all settings to the factory settings.

1. Select [**Reset All Settings**] and press the [**START**] button to restore all the settings in the arcade to the default values. At the same time, all the records in the arcade will be cleared.

5. Warnings and Errors

5.1 VR Aim Controller Warning

- Do not pull the VR Aim Controller.

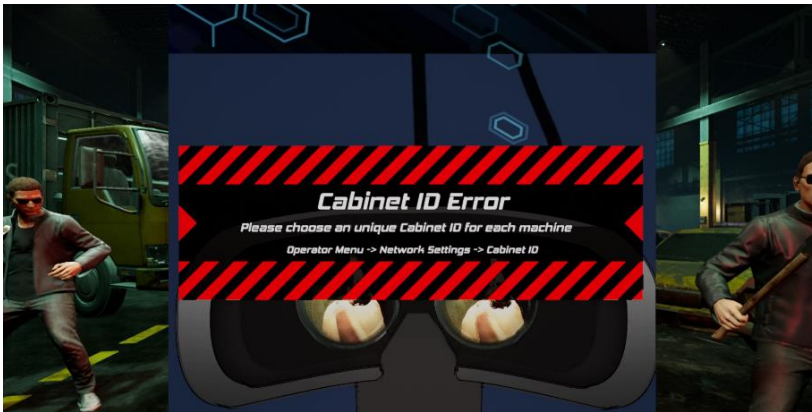


5.2 PCB Error

- I/O Connection Error



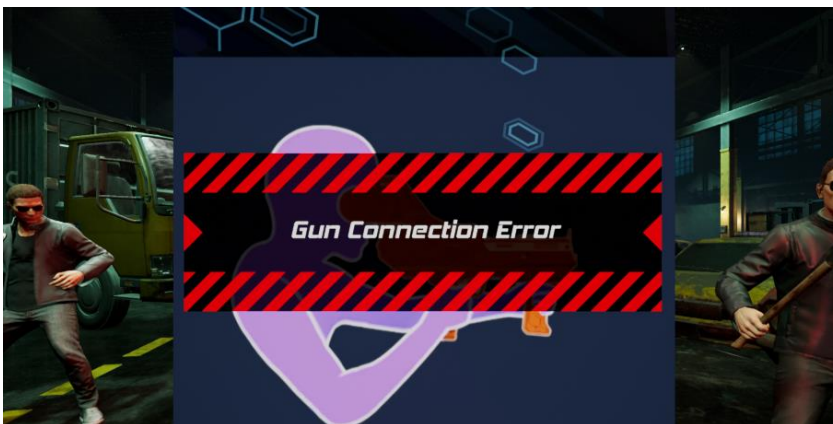
- Cabinet ID Error



- VR HMD Connection Error



- Gun Connection Error



6. Maintenance and Service

6.1 Maintenance and Service

Even though the machine works normally for a long time, the fault will occur. Therefore, please perform routine check and maintenance concerning the following to ensure a long-term use.

■ External Inspection

- Stick “Warning” stickers correctly, keep it legible.
- Firmly tighten the bolt for each adjuster.
- Tighten screws for speaker assembly.
- Tighten the signboard firmly.
- Check if the screws fixing the parts loose.
- Check if the connectors loose or missing.

■ Operation Inspection (With power on)

- Sound is normally emitted from the speakers or not.
- Fluorescent lamps and LED and button lamps light up or not.
- Coin acceptor works properly or not.
- Lifting and falling devices work properly or not.
- YZ sensor works properly or not.

After completing all the checks, operate the game again and check the above items with full care!

■ Servicing (conducted by a technician only)

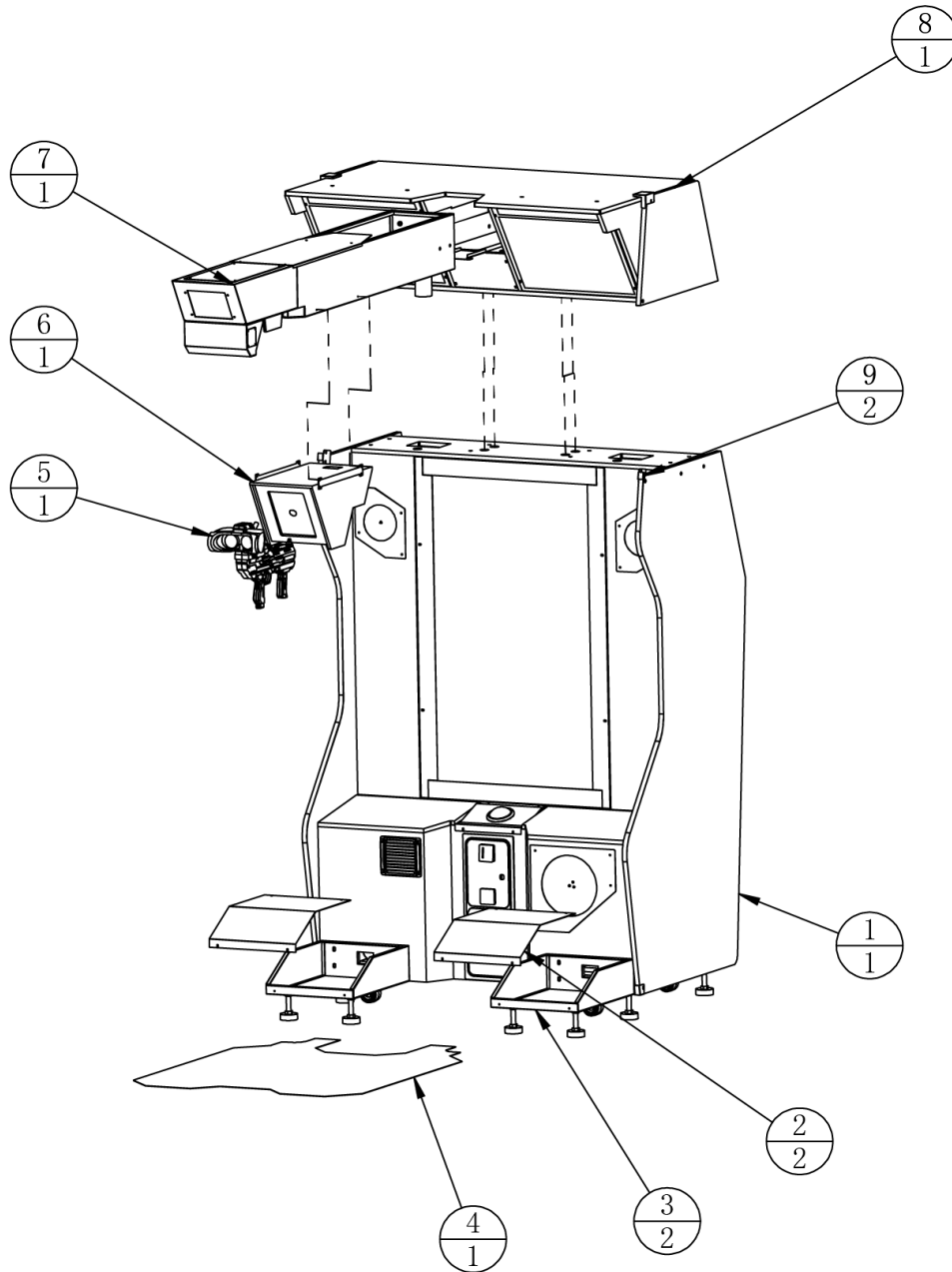
- Cut off the main power supply to avoid injury or electric shock when performing maintenance.
- Please contact our service center when performing any work that is not specified in this Manual, and follow the instruction provided by the service center.
- For consumables and spare parts (including screws), please use products specified by 3MindWave Limited.
- Even though the main power is cut off, there is still high temperature and high pressure in the power board and the monitor. The person will be burnt or get an electric shock if he touches such parts. Please pay full attention to avoid contact.
- Be sure to cut off the main power when you alter a spare part or unplug a connector.

7. Wiring Diagram

7.1 Assembly Tree Diagram

ACG2-0000000 Cabinet assembly		ACG2-0100000 LCD frame assembly		ACG2-0101000 Wood frame assembly
				ACG2-0102000 LCD glass assembly
				ACG2-0103000 LCD assembly
				ACG2-0104000 Start butto nassembly
				ACG2-0105000 PC door assembly
				ACG2-0106000 LCD door assembly
				ACG2-0107000 Service panel assembly
				ACG2-0108000 PC assembly
				ACG2-0109000 AC power box assembly
				ACG2-0110000 Transformer assembly
		ACG2-0200000 Beam assembly		ACG2-0201000 Motor assembly
				ACG2-0202000 Slide assembly
				ACG2-0203000 Guide wheel assembly
				ACG2-0204000 Gun lamp assembly
				ACG2-0205000 Synchronous pulley assembly
				ACG2-0206000 Disinfection parts assembly
		ACG2-0300000 Light box assembly		
		ACG2-0400000 Support frame assembly		
		ACG2-0500000 Air canon assembly		
		ACG-0900000 Gun assy		

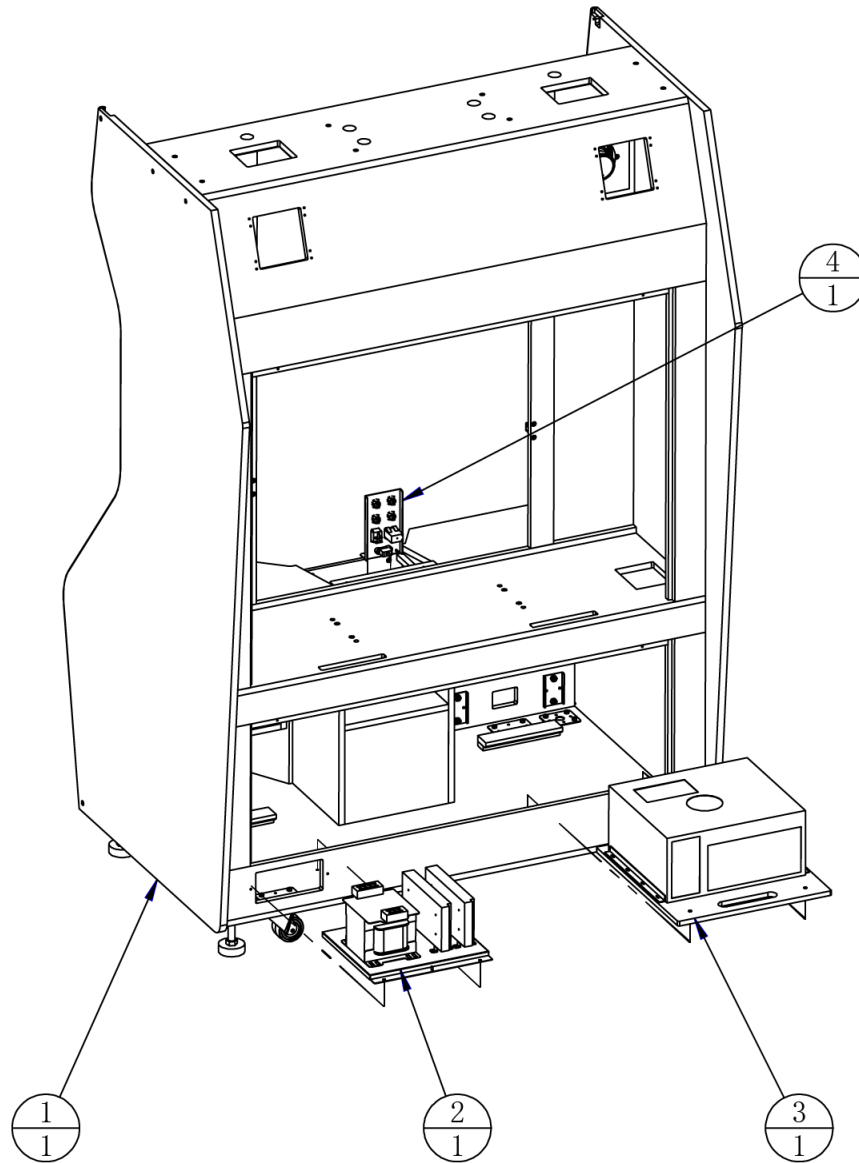
7.2 General Assembly Diagram



9	ACG2-0000A02	strip connecting plate	SPCC-1.2T	2	
8	ACG2-0300000	Light box assembly		1	
7	ACG2-0200000	Beam assembly		1	
6	ACG2-0500000	Air canon assembly		1	
5	ACG-GUN-01000	Gun assy		1	
4	ACG2-0000D01	Floor mat	PVC-1.0T	1	
3	ACG2-0400000	Support frame assembly		2	
2	ACG2-0000A01	Bracket cover	SPCC-1.2T	2	
1	ACG2-0100000	LCD frame assembly		1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

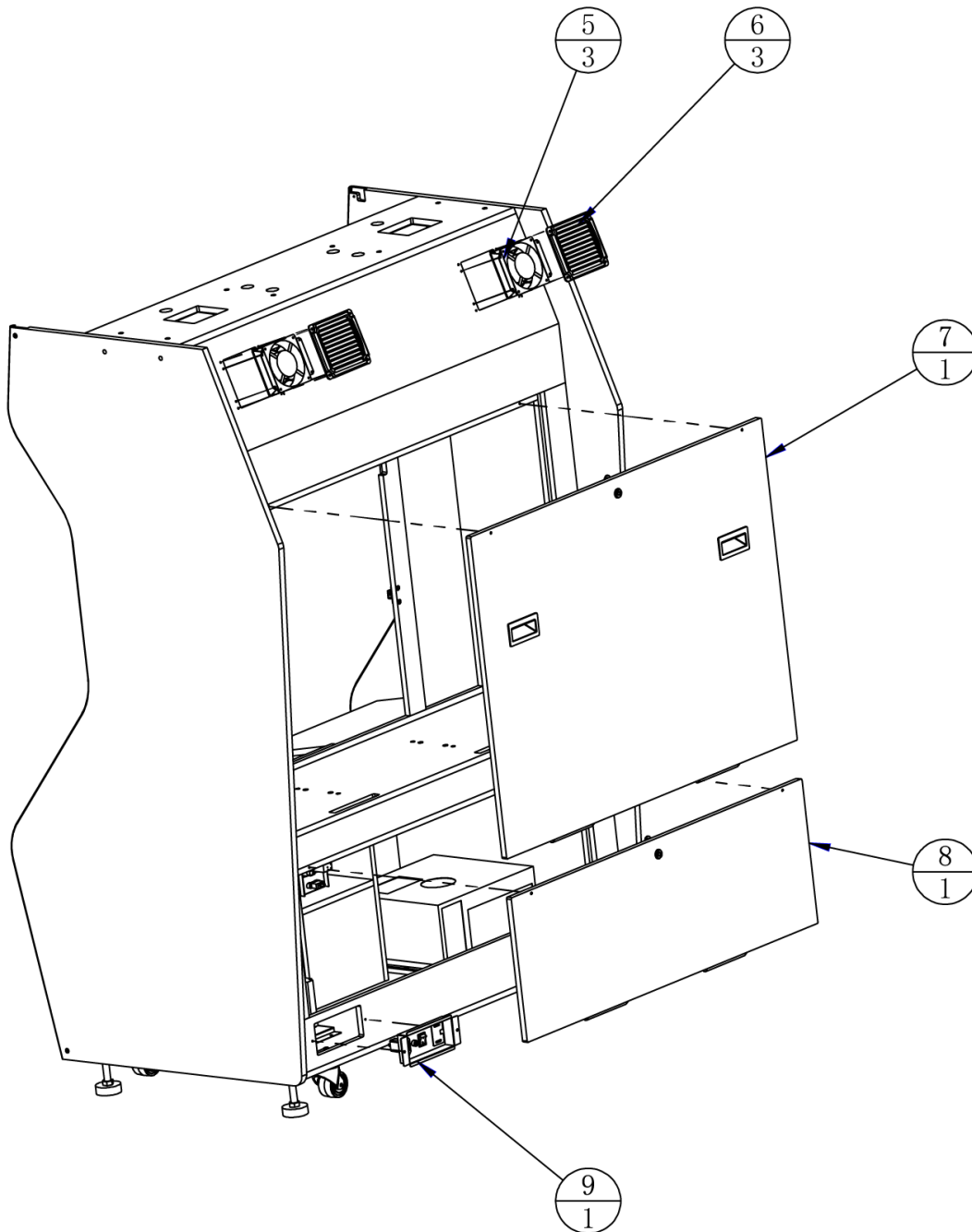
7.3 LCD Cabinet Assembly

7.3.1 LCD Frame Assembly 1/3



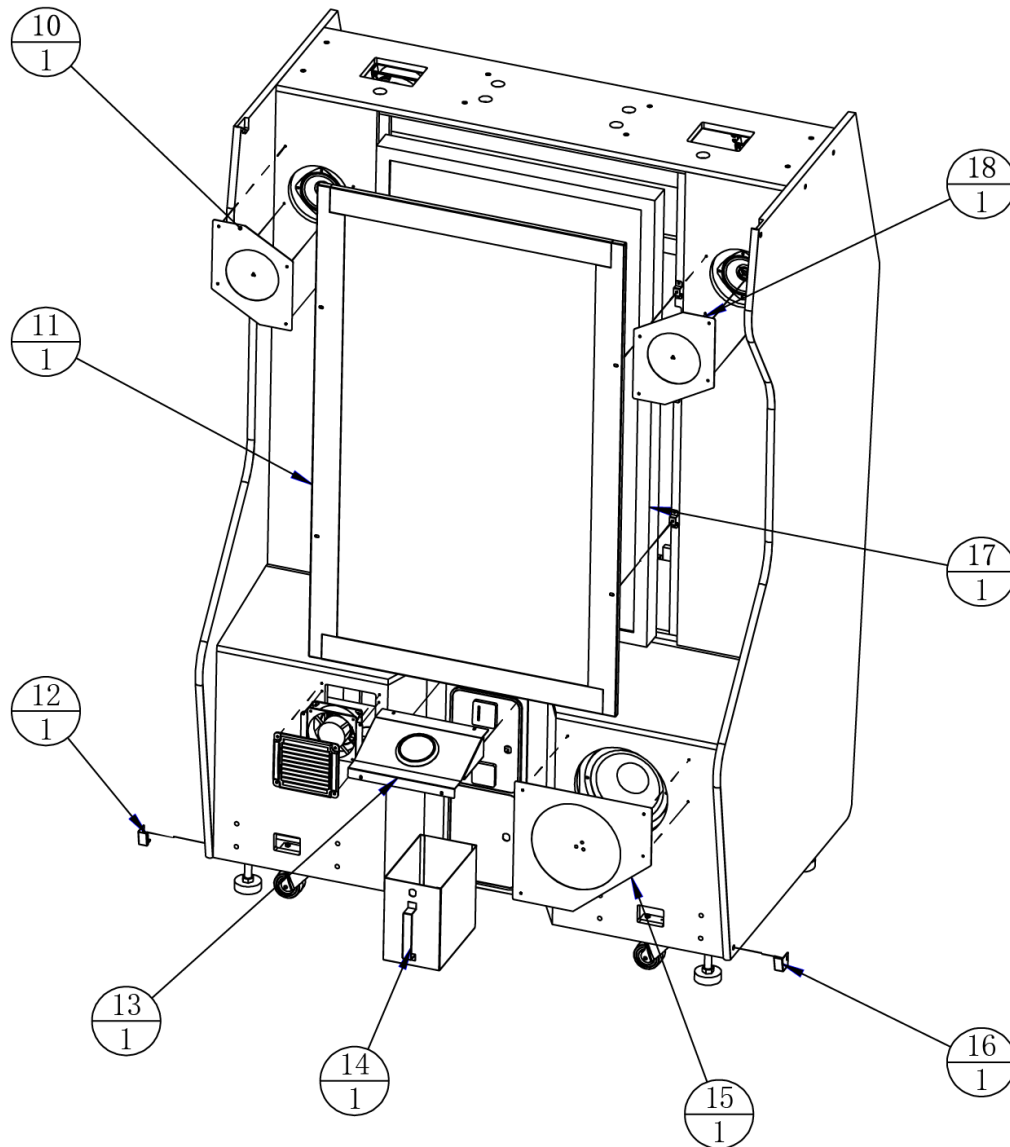
4	ACG2-0107000	Service panel assembly		
3	ACG2-0108000	PC assembly		
2	ACG2-0110000	Transformer assembly		
1	ACG2-0101000	LCD wood frame assembly		
No.	Image No.	Parts Name	Material / Specification	Remarks

7.3.1 LCD Frame Assembly 2/3



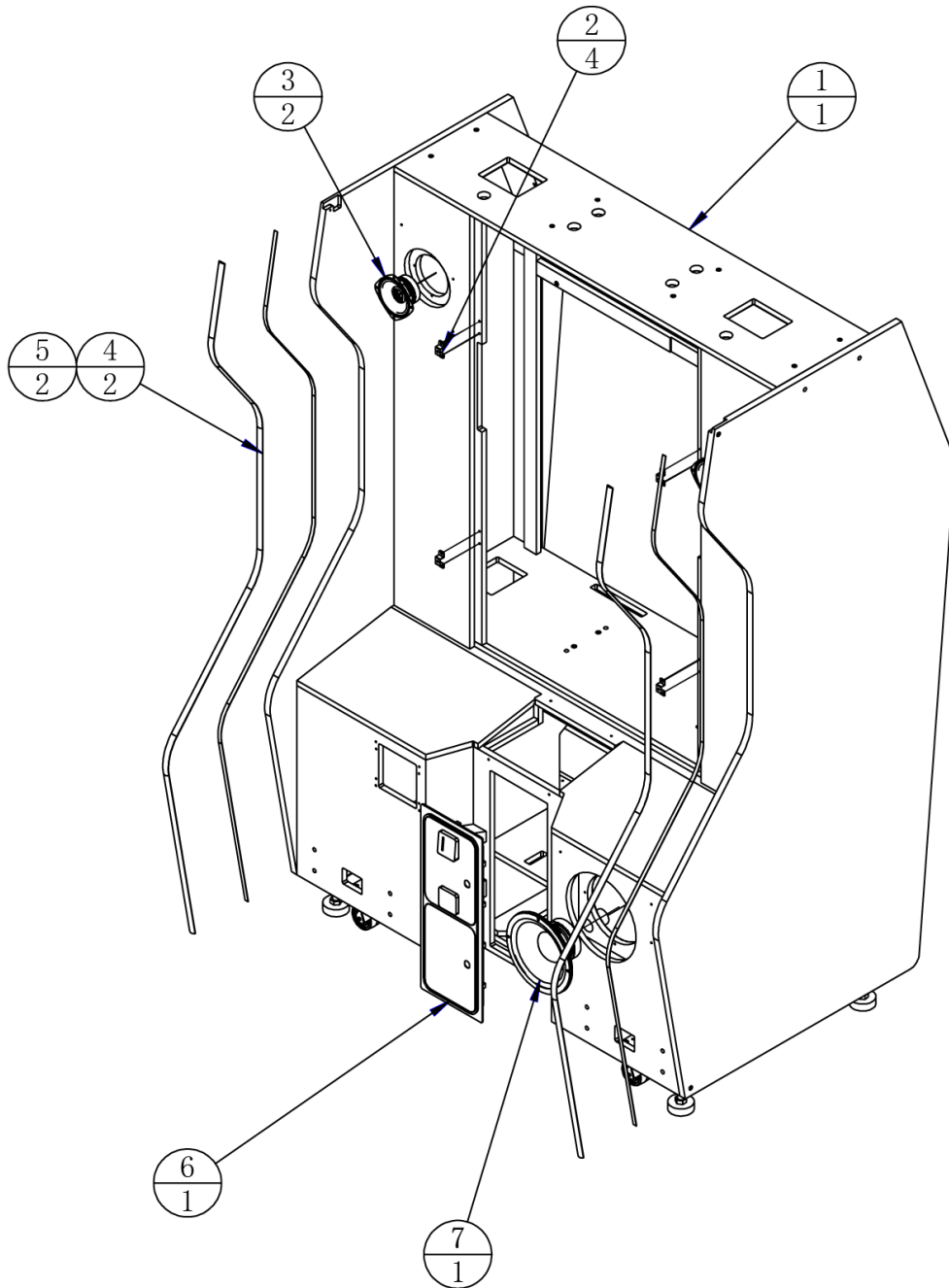
9	ACG2-0109000	AC power box assembly		
8	ACG2-0105000	PC door assembly		
7	ACG2-0106000	LCD door assembly		
6		Plastic ventilation	253-5460	
5	ATV-0214000	Fan assembly		
No.	Image No.	Parts Name	Material / Specification	Remarks

7.3.1 LCD Frame Assembly 3/3



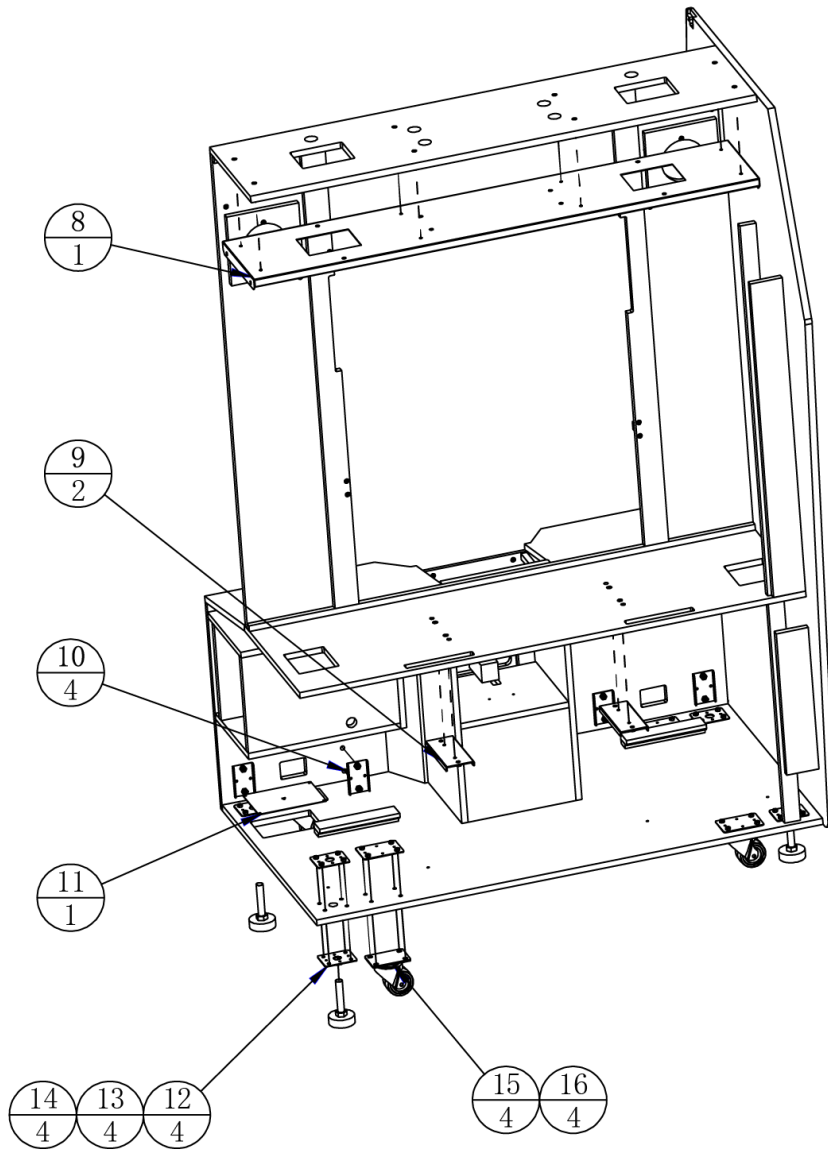
18	ACG2-0100A02	Right horn net	SPCC	
17	ACG2-0103000	LCD assembly		
16	ACG2-0100A04	Lower right corner guard	SPCC-1.2T	
15	ACG2-0100A01	Bass net		
14	ACG2-0100A06	Cash box	SECC-1.2T	
13	ACG2-0104000	Start button assembly		
12	ACG2-0100A05	Lower left corner guard	SPCC-1.2T	
11	ACG2-0102000	LCD glass assembly		
10	ACG2-0100A03	Left horn net	SPCC	
No.	Image No.	Parts Name	Material / Specification	Remarks

7.3.2 LCD Wooden Frame Assembly 1/2



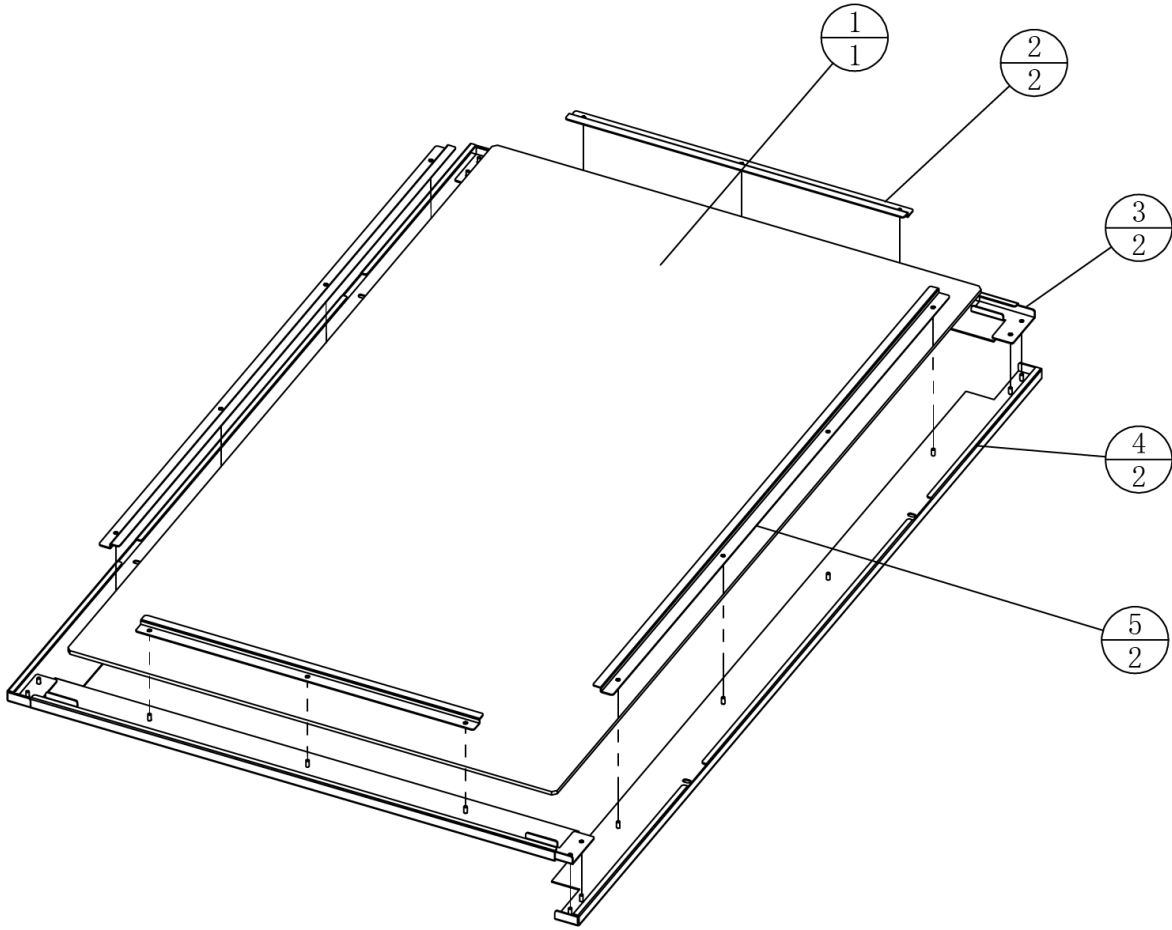
7		Woofer	8' 8 Ω /120W	1	
6	TB-10429800	Coin door frame		1	
5		5050 LED	SK6812 L=2000mm	2	
4		Aluminum groove	L=2010mm	2	
3		Speaker	4' 4 Ω 20W	2	
2	ACG2-0101A03	Support plate	SPCC-1.2T	4	
1	ACG2-0101B01	LCD frame		1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.3.2 LCD Wooden Frame Assembly 2/2



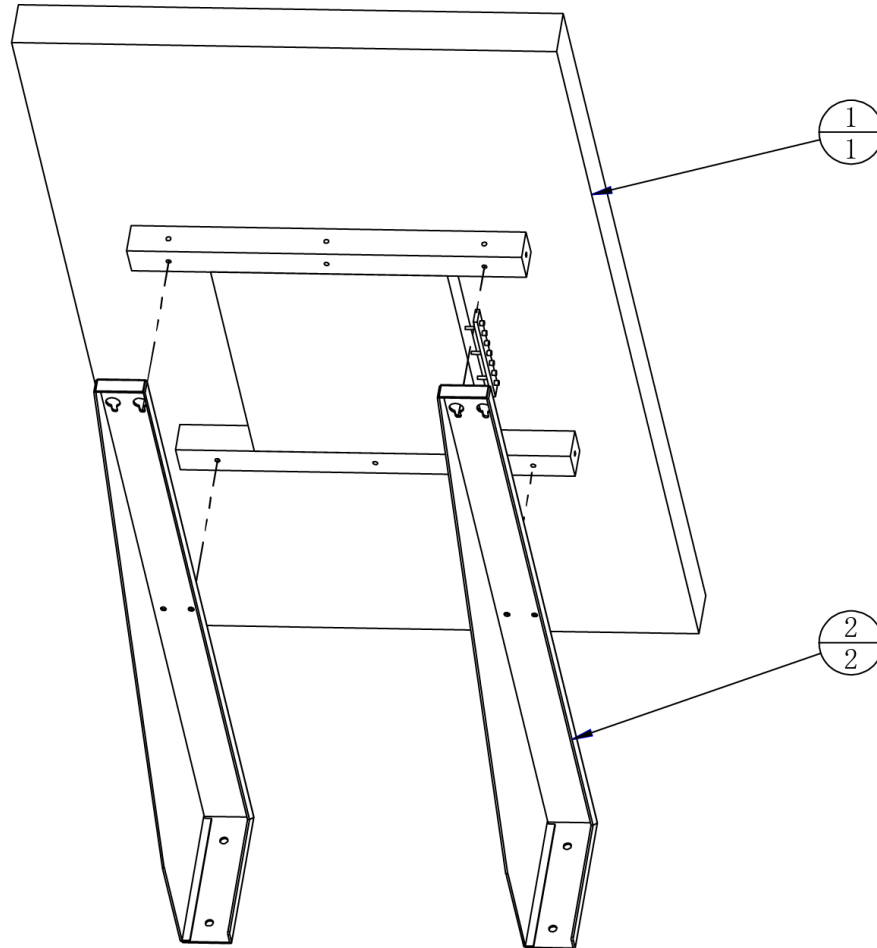
16	ATV-0201A06	Caster plate	SPCC-2.0T	4	
15		Caster	2.5'	4	
14		Anchor	M16*100	4	
13	ATV-0201A05	Anchor screw plate	SPCC-2.0T	4	
12	ATV-0201A07	Baseboard	SPCC-2.0T	4	
11	ACG2-0101A01	Ventilation		1	
10	ACG2-0101A02	Reinforcing plate	SPCC-1.5T	4	
9	ACG2-0101A05	LCD reinforcing plate	SPCC-2.0T	2	
8	ACG2-0101A04	Connecting reinforcement plate	SPCC-1.5T	1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.3.3 LCD Monitor Glass Assembly



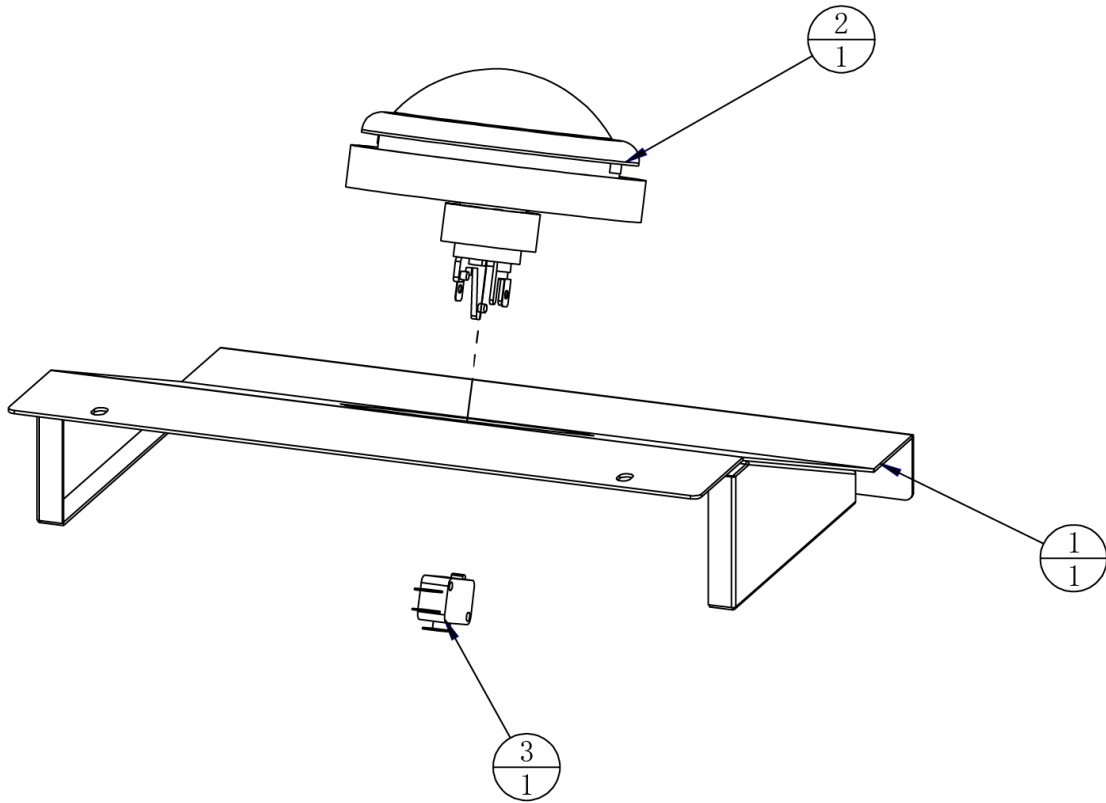
5	ACG2-0102A02	Glass strip I	SPCC-1.2T	2	
4	ACG2-0102A04	Glass frame 2	SPCC-1.5T	2	
3	ACG2-0102A01	Glass frame 1		2	
2	ACG2-0102A03	Glass strip 2	SPCC-1.2T	2	
1	ACG2-0102C01	LCD glass	glass-5.0T	1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.3.4 LCD Monitor Assembly



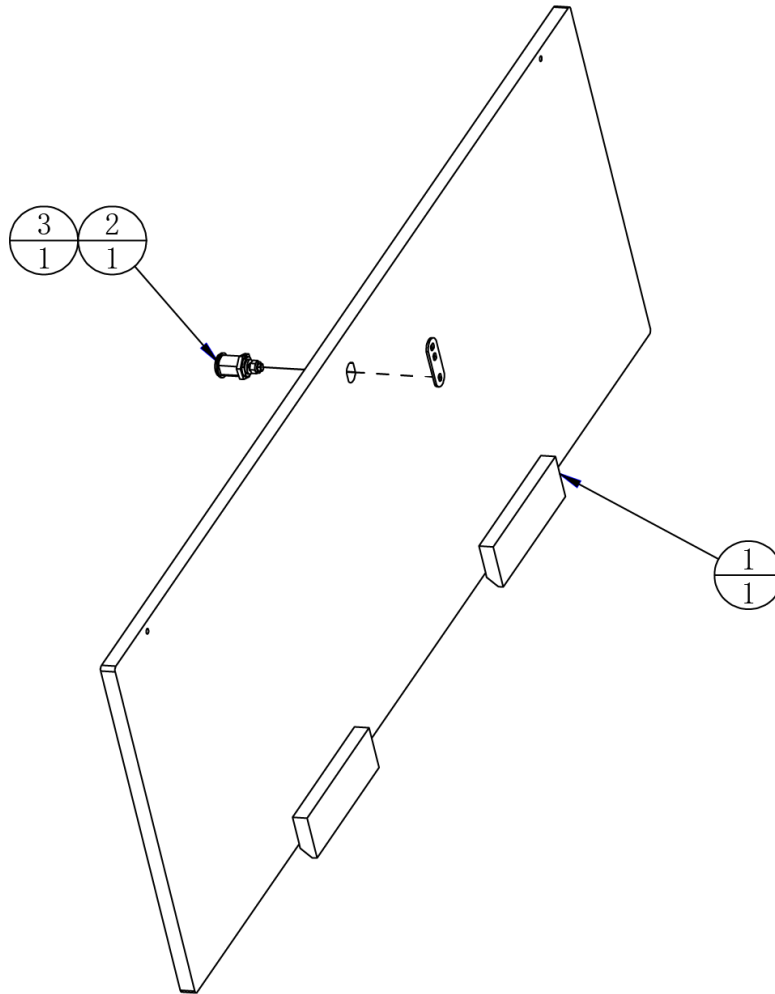
2	ACG2-0103A01	LCD bracket	SPCC-2. 5T	2	
1		Monitor	50'	1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.3.5 START Button Assembly



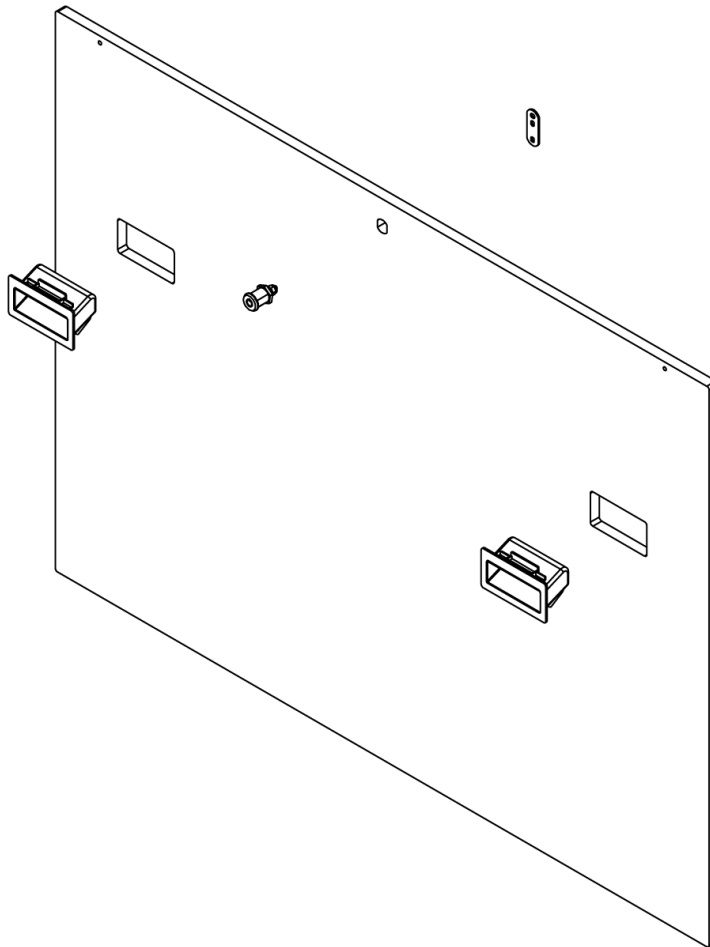
3		Microswitch	3P MN3-0300DB	1	
2		Button	φ 100-DOME-CW	1	
1	ACG2-0104A01	Button fixing plate		1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.3.6 Host PC Door Assembly



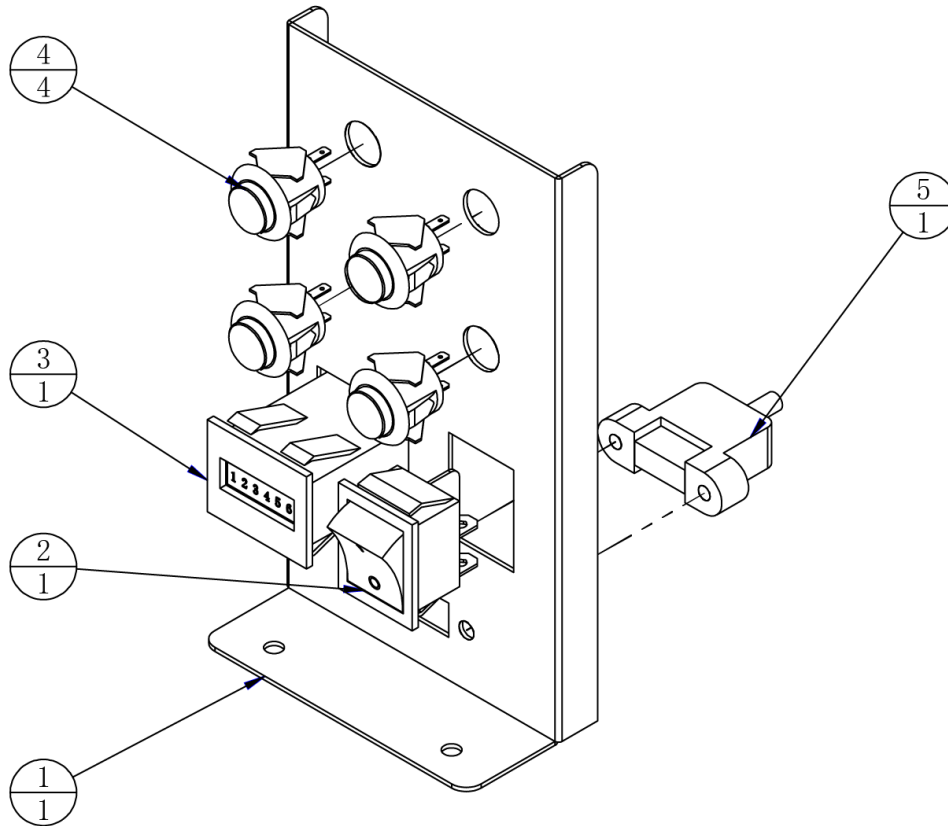
3		Key flat	5cm	1	
2		Key	5555-K	1	
1	ACG2-0105B01	PC door	MDF-15. 0T	1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.3.7 LCD Monitor Door Assembly



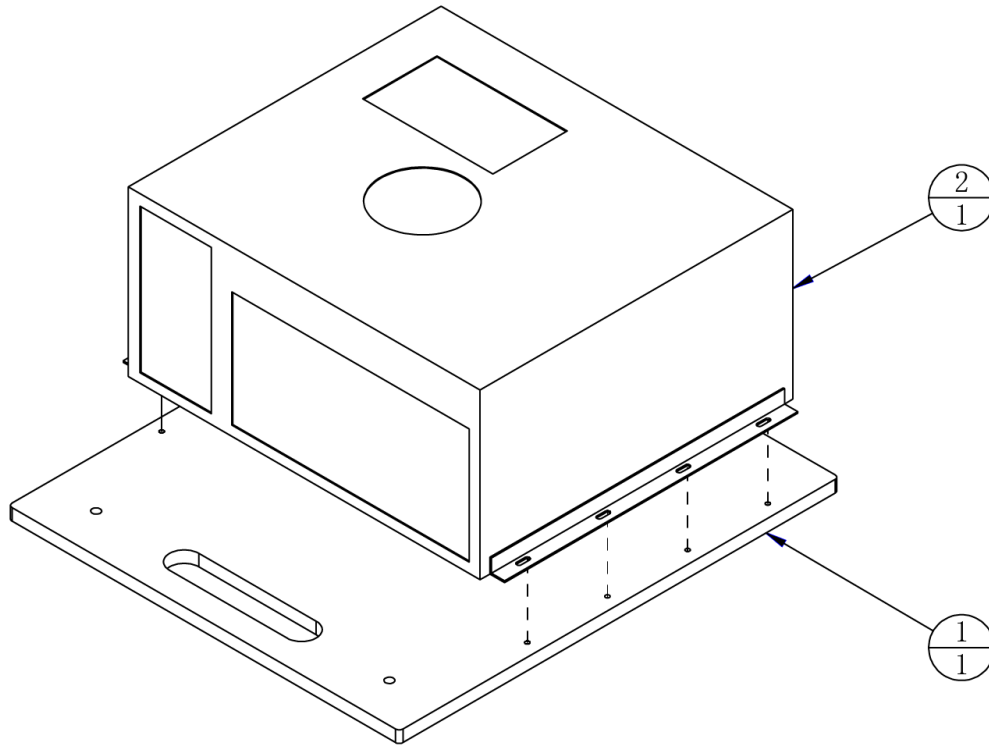
4		Plastic clasp		2	
3		Key flat	5cm	1	
2		Key	5555-K	1	
1	ACG2-0106B01	LCD door	MDF-15. 0T	1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.3.8 Service Panel Assembly



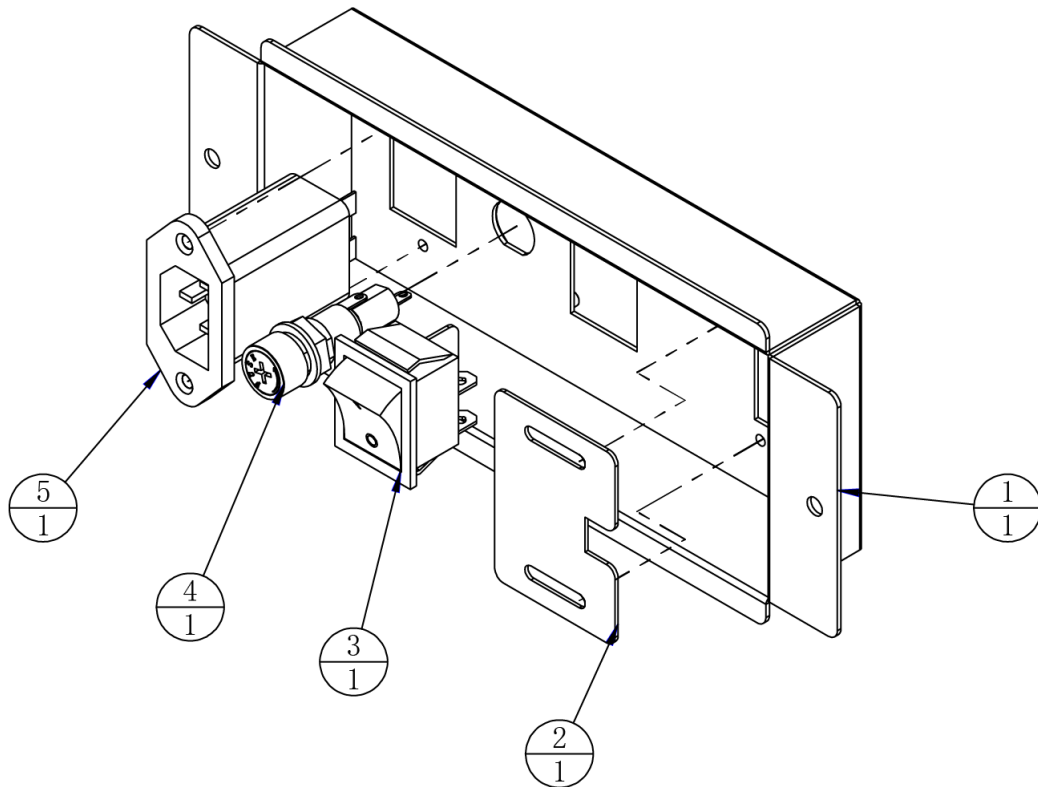
5		USB extension cable		1	
4		Button	G-111-CR	4	
3		Counter	DC 5V	1	
2		Power switch	4P KCD7-2211N	1	
1	ACG2-0107A01	Service panel	SPCC-1.2T	1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.3.9 Host PC Assembly



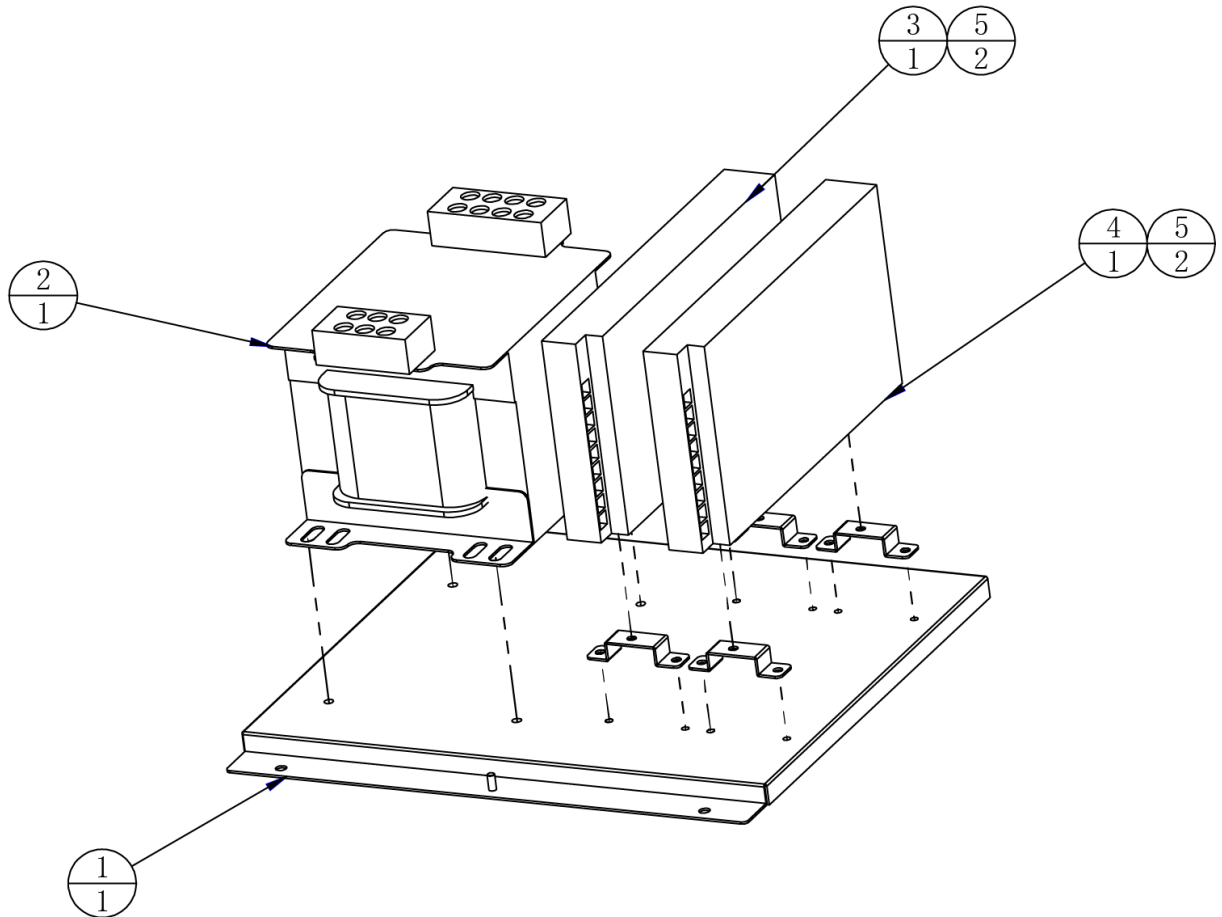
2		PC	IPC-3WM002-I7	1	
1	ATV-0206B01	PC plate	MDF-15. 0T	1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.3.10 AC Power Box Assembly



5		Filter	YB11A2-15A-Q	1	
4		Fuse cartridge	MF527A	1	
3		Power switch	4P KCD7-2211N	1	
2	ATV-0208A02	Cable cover	SPCC-1.0T	1	
1				1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

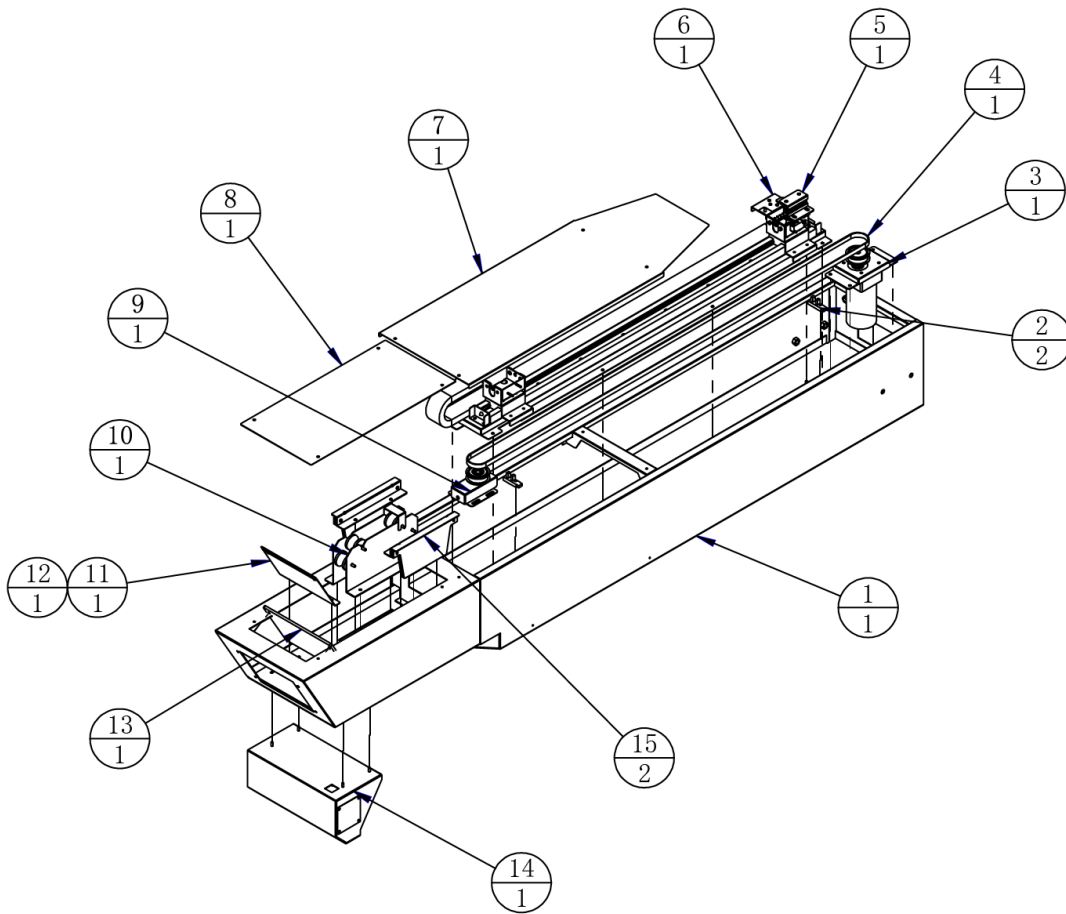
7.3.11 Transformer Assembly



5	ATV-0203A01	Power box plate	SECC-1. 2T	4	
4		Power box	LRS-350-24	1	
3		Power box	LRS-350-12	1	
2		Transformer	HL133-12-110/220	1	
1	ACG2-0110A01	Transformer plate	SECC-1. 2T	1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

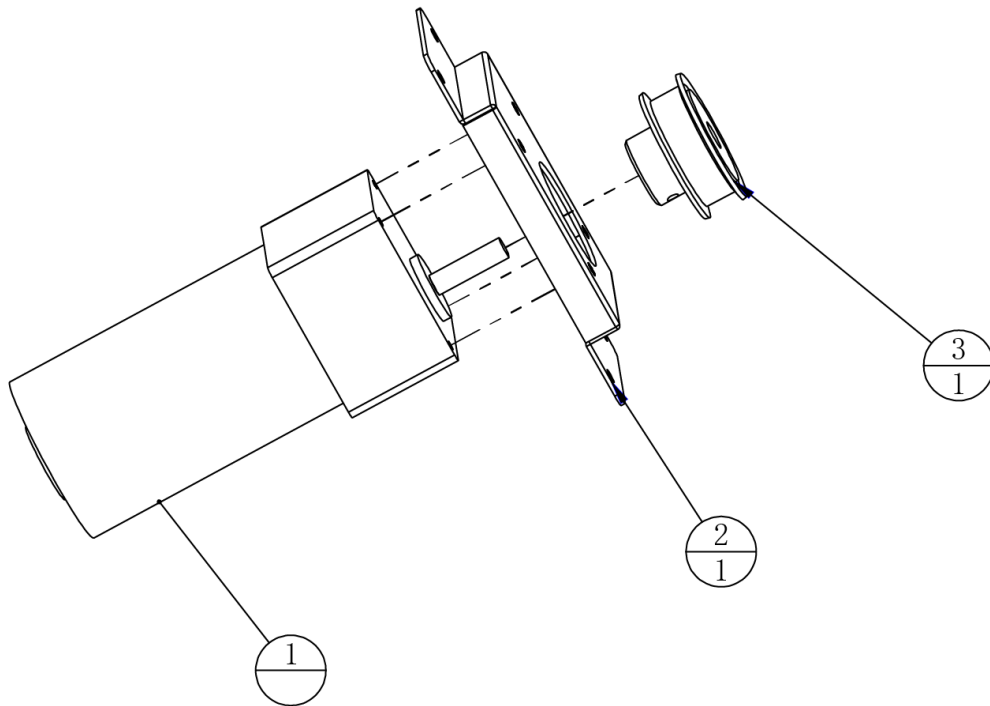
7.4 Beam Assembly

7.4.1 Beam Assembly



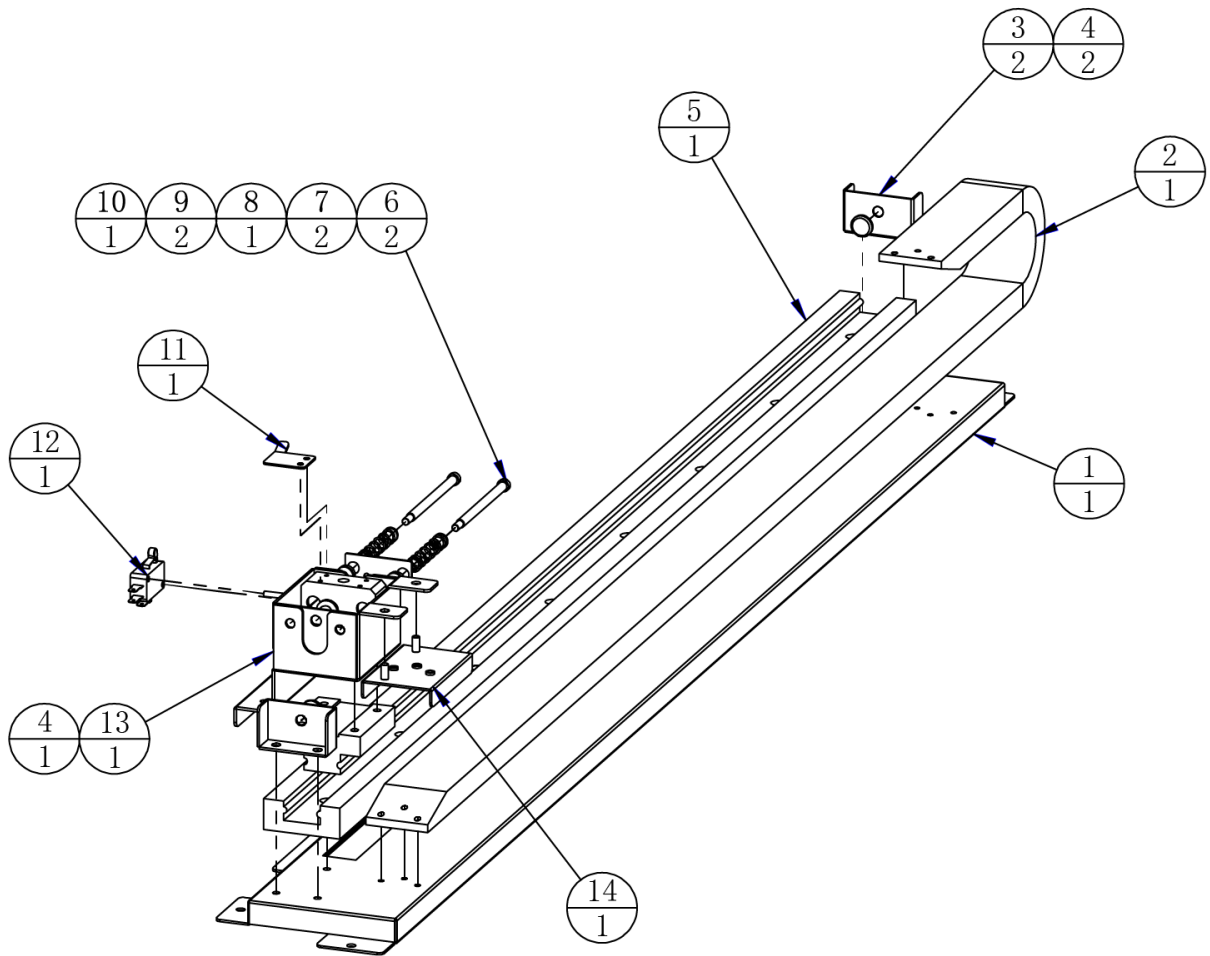
16	ACG2-0200A06	Protective cover	SPCC-1.2T	1	
15	ACG2-0204000	Gun lamp assembly		2	
14	ACG2-0206000	Disinfection parts assembly		1	
13	ACG2-0200D01	Upper baffle	PMMA-5.0T	1	
12		5050 LED	DC 12V RGB 150	1	
11	ACG2-0200A04	Beam lamp plate	SPCC-1.2T	1	
10	ACG2-0203000	Guide wheel assembly		1	
9	ACG2-0205000	Synchronous pulley assembly		1	
8	ACG2-0200A03	Upper cover plate 2	SPCC-1.0T	1	
7	ACG2-0200A02	Upper cover plate I	SPCC-1.0T	1	
6	ACG2-0202000	Slide assembly		1	
5	ACG2-0200A01	Belt fixing plate	SPCC-1.5T	1	
4		Synchro belt	S5M-2270-10	1	
3	ACG2-0201000	Motor assembly		1	
2		Sensor	KI1303-AALF	2	
1	ACG2-0200A05	Support frame		1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.4.2 Motor Assembly



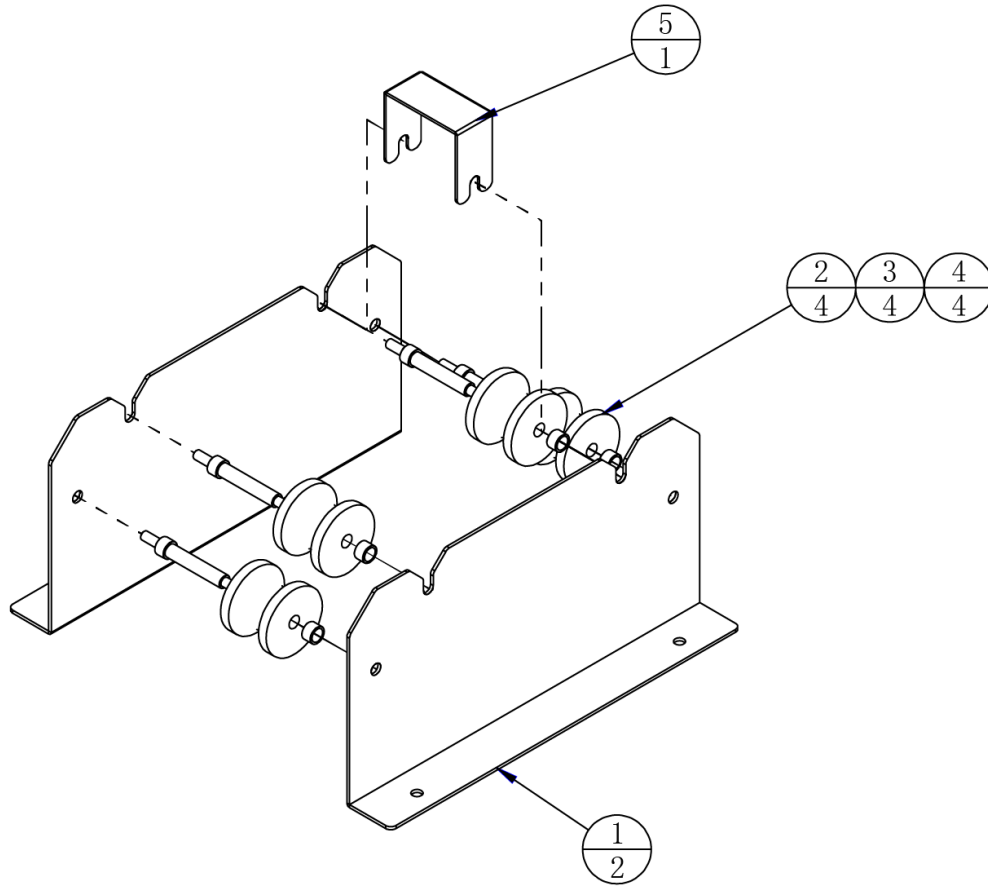
3	ACG2-0201A02	synchro pulley 1	5083	1	
2	ACG2-0201A01	Motor fixing plate	SPCC-1.5T	1	
1			Z2D25-24GN-30s / 2GN30K	1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.4.3 Slider Assembly



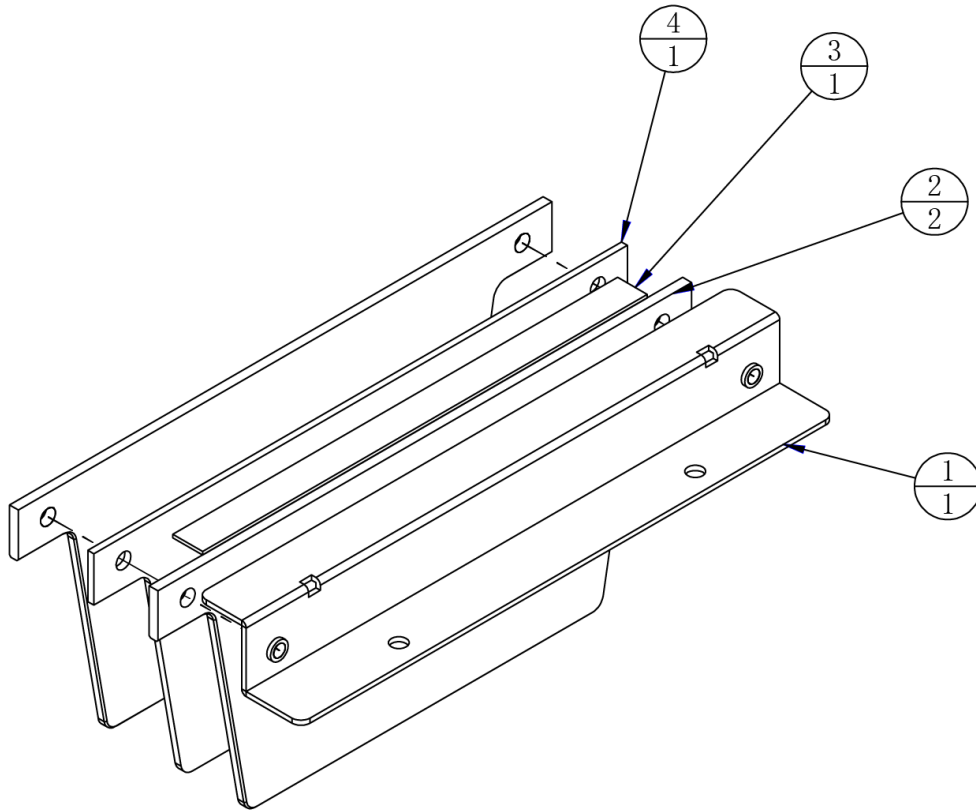
14	ACG2-0202A06	Chain slot fixing plate	SPCC-1.2T	1	
13	ACG2-0202A01	Guidance		1	
12		Microswitch	RV-165-1C25 (3P)	1	
11	ACG2-0202A05	Switch plate	SPCC-1.0T	1	
10	ACG2-0202A09	Bearing plate	SPCC-1.0T	1	
9		Bearing	LM5UU	2	
8	ACG2-0202A03	Guide block	AL	1	
7	ACG2-0202A04	Guide spring	65Mn	2	
6	ACG2-0202A02	Guide rod	Q235	2	
5		Guide rail	SGR15+SGB15-3 L=920	1	
4		Rubber plug	φ 8.5* φ 6.8* φ 14.5*H6	3	
3	ACG2-0202A07	Limit plate	SPCC-1.2T	2	
2		Drag chain	10*30	1	
1	ACG2-0202A08	Guide rail plate	SPCC-1.2T	1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.4.4 Guide Wheel Assembly



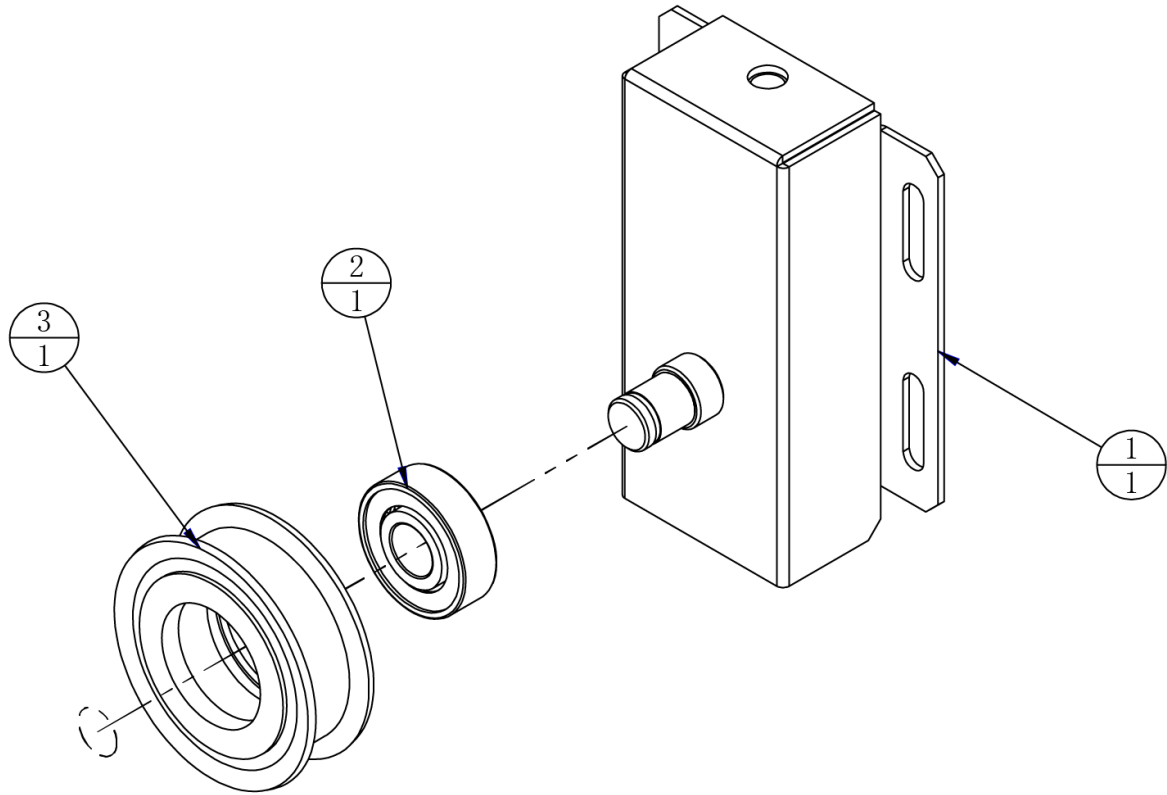
5	ACG2-0203A04	Rope limit plate	SPCC-1.2T	1	
4	ACG2-0203A03	Bushing	Q235	4	
3	ACG2-0203A02	Guide wheel shaft	Q235	4	
2		U-shaped pulley	1.2'	4	
1	ACG2-0203A01	Guide wheel plate	SPCC-1.5T	2	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.4.5 Gun Position Light Assembly



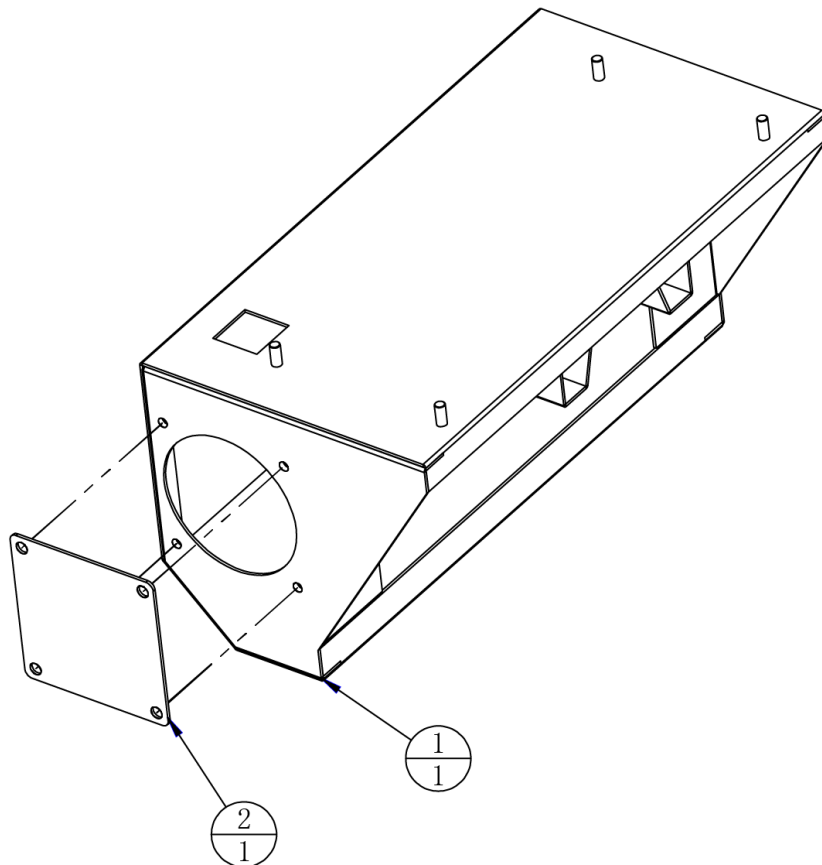
4	ACG2-0204D02	Gun light plate 2	PMMA-2.0T	1	
3		5050 LED	DC 12V RGB 150	1	
2	ACG2-0204D01	Gun light guide 1	PMMA-3.0T	2	
1	ACG2-0204A01	Gun lamp plate	SPCC-1.5T	1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.4.6 Pulley Assembly



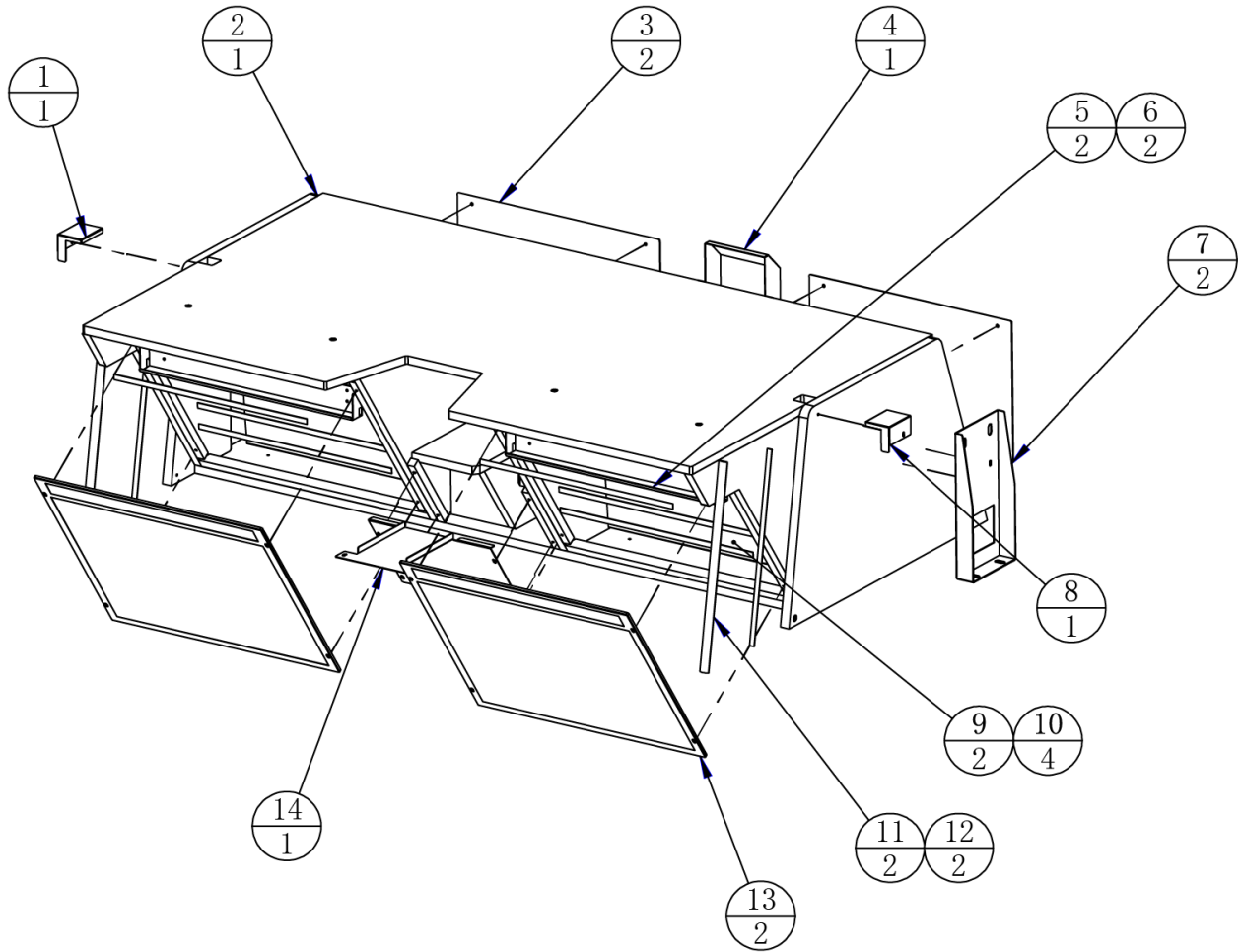
3	ACG2-0205A02	Synchro pulley 2	5083	1	
2		Bearing	6000-2Z	1	
1	ACG2-0205A01	Synchro belt pulley frame		1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.4.7 Disinfection Parts Assembly



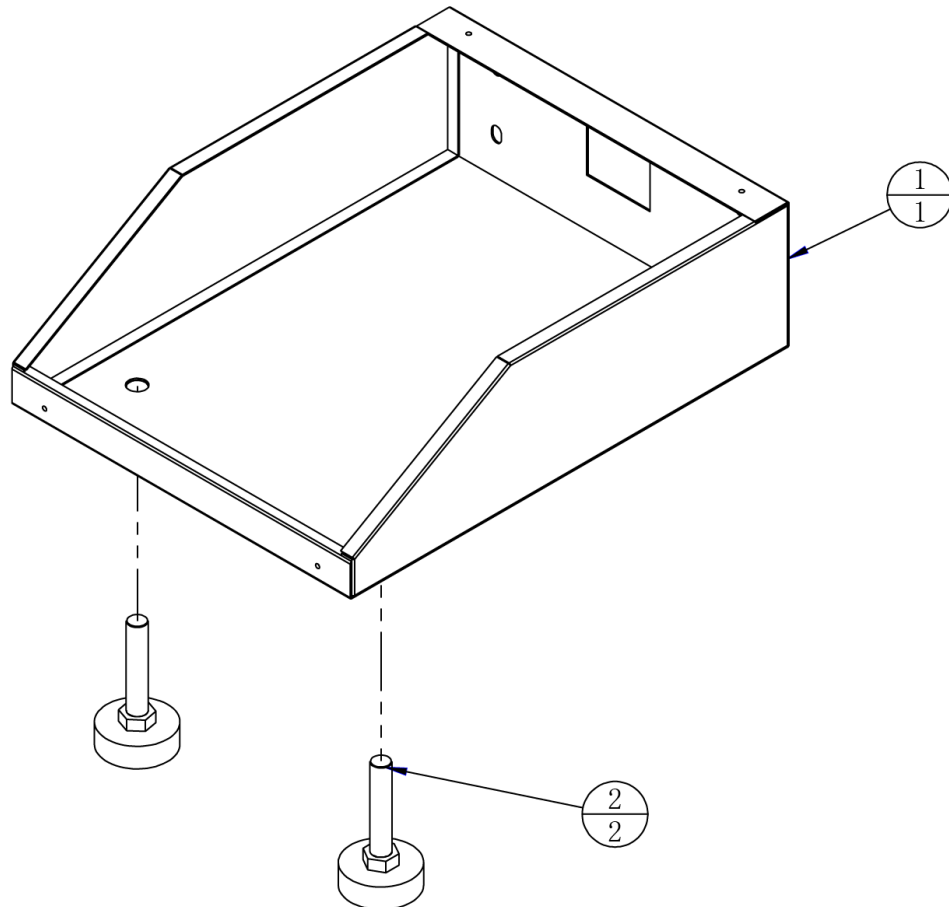
2	ACG2-0206A02	Disinfection lamp board	SPCC-1.2T	1	
1	ACG2-0206A01	Disinfection lamp frame		1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.5 Light-Box Assembly



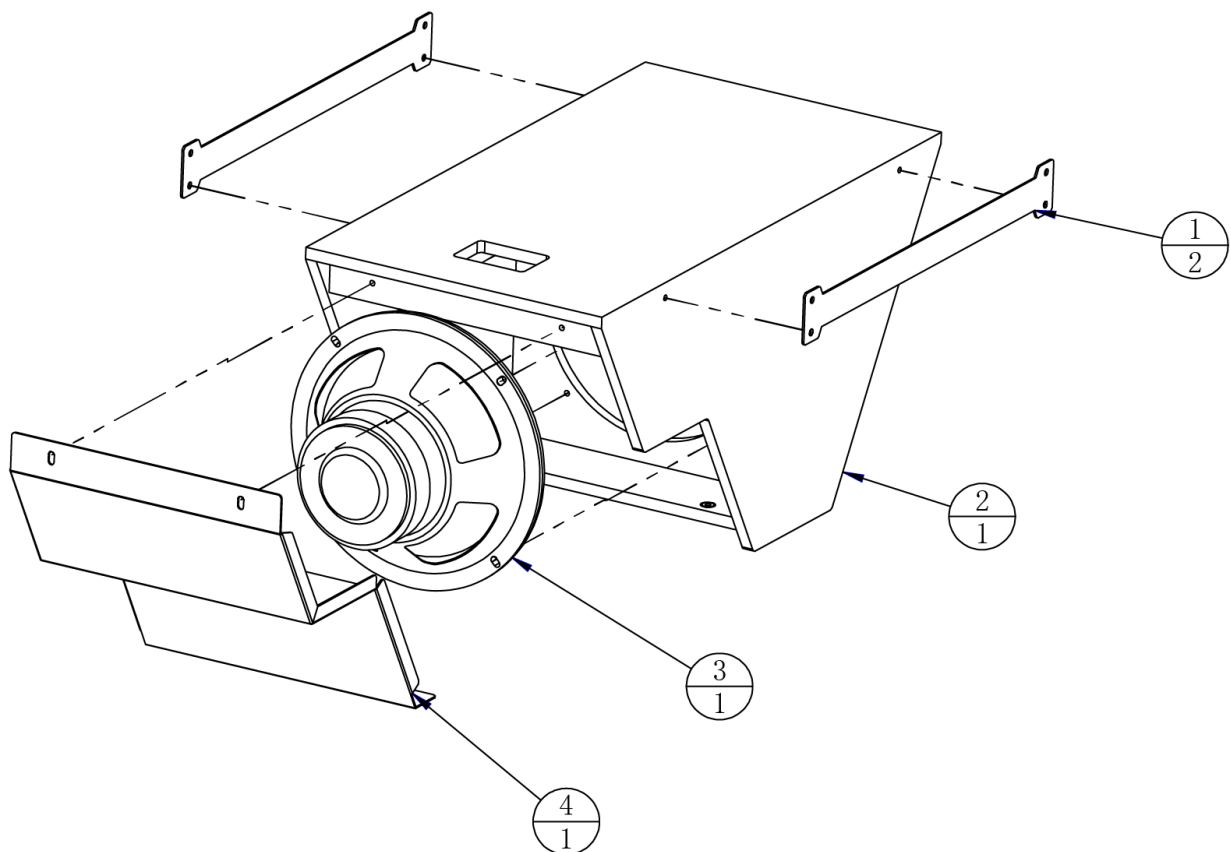
14	ACG2-0300A03	Front cover	SPCC-1.2T	1	
13	ACG2-0300D01	LOGO Board	PMMA-5.0T	2	
12		5050 LED	SK6812 L=350mm	2	
11		Aluminum groove	L=380	2	
10		5050 LED	DC12V White L=400mm	4	
9	ACG2-0300A01	LOGO light plate	SPCC-1.2T	2	
8	ACG2-0300A04	Upper right guard	SPCC-1.2T	1	
7	ACG2-0300A08	Beam fixing plate	SPCC-1.5T	2	
6		5050 LED	DC 12V RGB 400	2	
5	ACG2-0300A06	LOGO upper light plate	SPCC-1.2T	2	
4	ACG2-0300A07	Back cover C	SPCC-1.2T	1	
3	ACG2-0300A02	Back cover	SPCC-1.2T	2	
2	ACG2-0301B01	Light box		1	
1	ACG2-0300A05	Upper left guard	SPCC-1.2T	1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.6 Support Frame Assembly



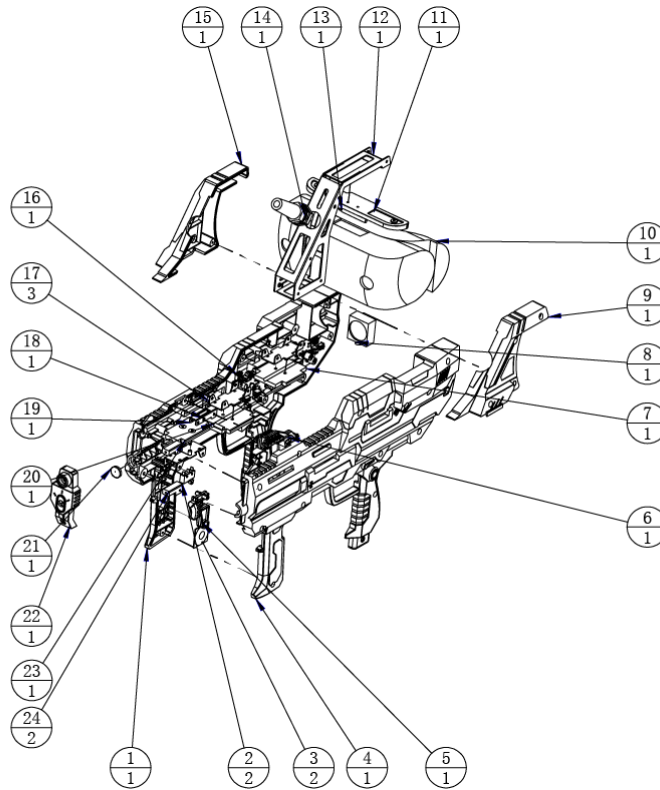
2		Anchor	M16*100	2	
1	ACG2-0400A01	Support foot		1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

7.7 Air Cannon Assembly



4	ACG2-0500A02	Aircanon back cover	SPCC-1.2T	1	
3		Woofer	8' 8 Ω /120W	1	
2	ACG2-0500B01	Air canon box	MDF-9.0T	1	
1	ACG2-0500A01	Aircanon plate	SPCC-1.2T	2	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

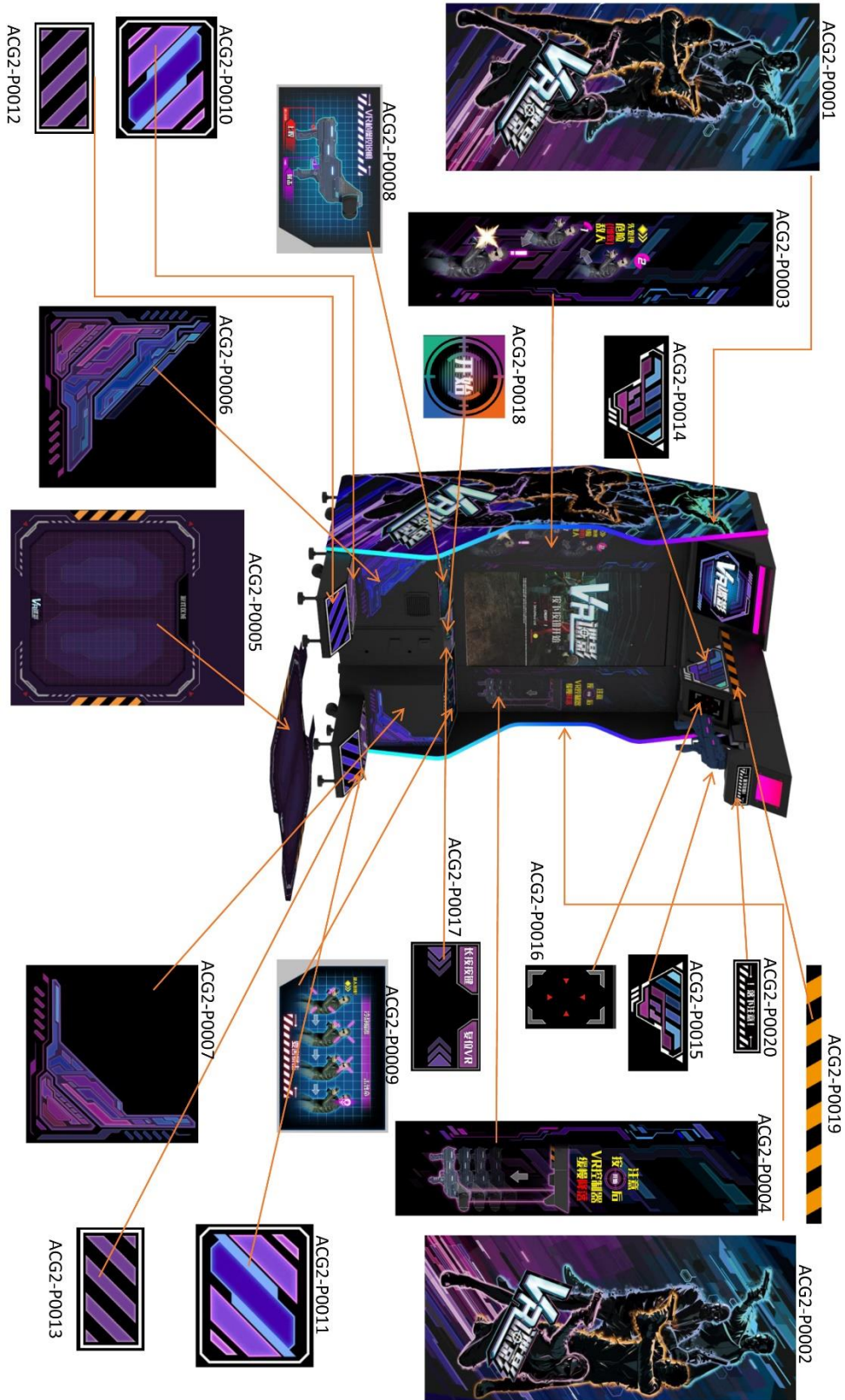
7.8 Gun Assembly



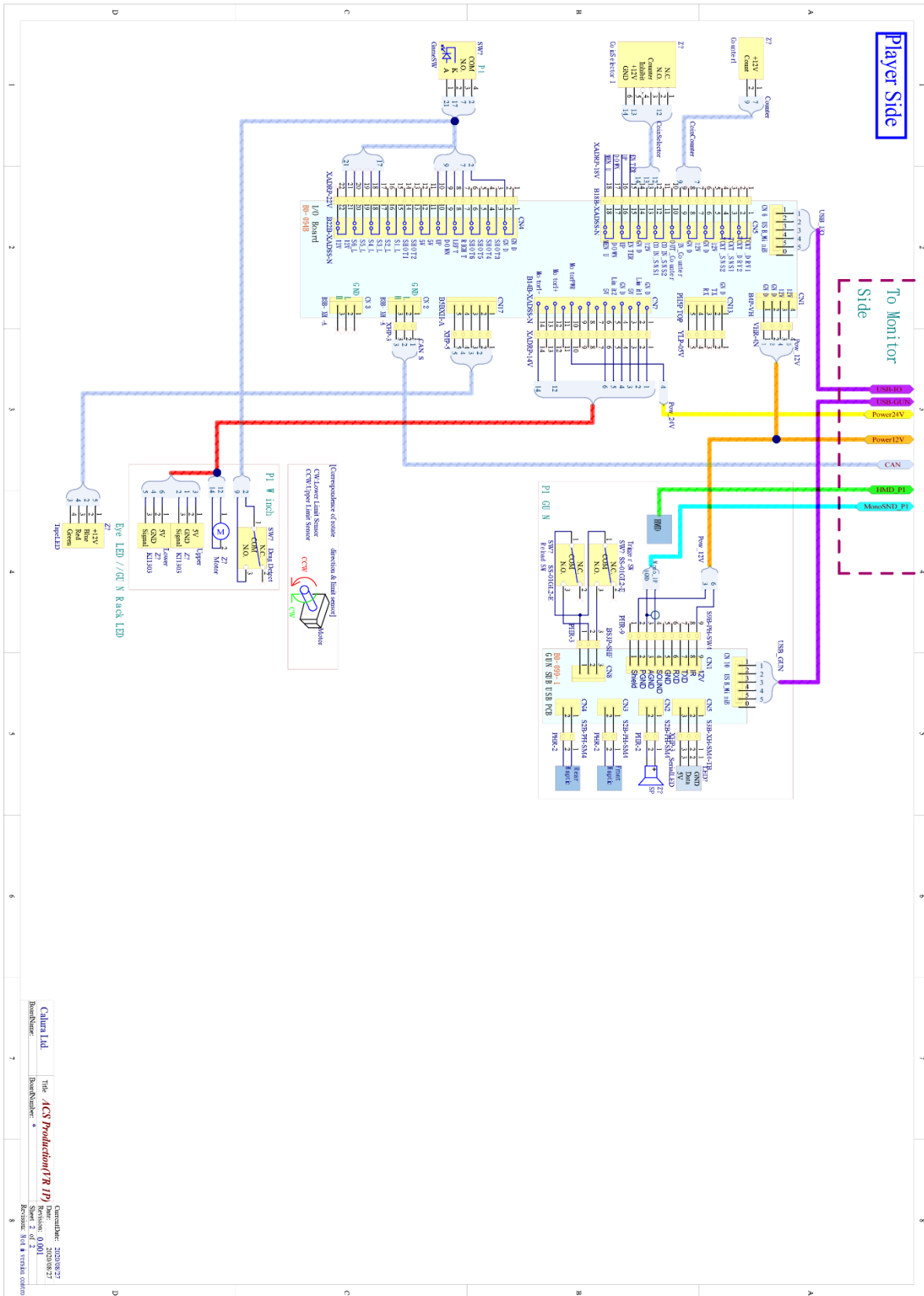
24	ACG-0900A01	Sheath block	AL	2	
23	ACG-0900D01	Light guide plate 1	PMMA	1	
22	ACG-0900C06	Shield		1	
21	ACG-0900D04	Sensor plate	PMMA-3.0T	1	
20	ACG-0900A02	Rope clamping post I	SUS304	1	
19	ACG-0900A06	Front fixing frame	SECC-1.0T	1	
18	ACG-0900D02	Light guide plate 2	PMMA	1	
17	ACG-0900A03	Lamp plate	SECC-1.0T	3	
16		GUN Sub PCB	BO-098X	1	
15	ACG-0900C03	Frame left cover	ABS	1	
14		Buckle		1	
13	ACG-0900A05	Rope clamping post 2	SUS304	1	
12	ACG-0900A04	Helmet support	SECC-1.2T	1	
11	ACG-0900C05	Helmet mount	ABS	1	
10		VR head display	3glass S2	1	
9	ACG-0900C04	Frame right cover	ABS	1	
8		Speaker	MS83	1	
7	ACG-0900D03	Light guide plate 3	PMMA	1	
6	ACG-0900C07	Firing trigger	ABS	2	
5	ACG-0900C07	Reload trigger	ABS	1	
4	ACG-0900C02	Gun right cover	ABS	1	
3		Haptic	B54101H1020A001	2	
2		Microswitch	ss-01g12-e	2	
1	ACG-0900C01	Gun left shell	ABS	1	
No.	Image No.	Parts Name	Material / Specification	Qty	Remarks

8. Printing Pattern

8.1 Printing Pattern of Cabinet



9.2 Wiring Diagram 2/2



Culture Ltd. The ACS Production / R 17
 Revision: 0.001
 Sheet 2 of 2
 Date: 2019.08.27
 Drawing: 20190827
 Dimension: 20190827
 Revision: 0.001
 Sheet 2 of 2
 Date: 2019.08.27
 Drawing: 20190827

10. After-Sales Service

Honorable customers!

Thank you for purchasing our product!

For your benefits, if you find any fault during the operation of the product, please hire a technician who obtains a certificate related to mechanical engineering, electrical engineering or who engages in routine maintenance, repair and management of amusement machine to check the machine and inform us the fault in a timely manner. Our company will take corresponding measures to assist you to solve the problem promptly.

NOTICE: Do not dismount or replace any part of the machine without our technician's permission, or you will solely undertake the consequence!

Please pay attention to our contact information as follow:

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CO.,LTD.**

www.huataibaishun.com

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User Manual
Version 1.01



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▶ **3MindWave Limited**

A Game Studio