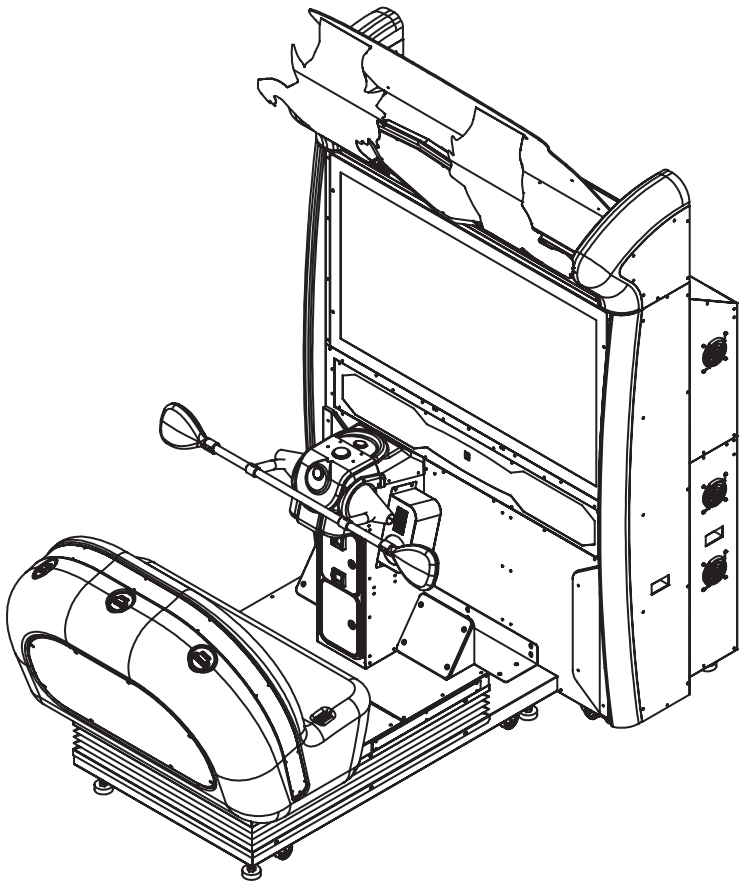
WAHLAP TECH

Crazy Rafting

OWNER'S MANUAL

Ver.1.00



⚠ WARNING

- For safety reasons, please read the manual first before plugging in machine.
- Please keep this manual properly for convenient reference as needed.
- The machine specifications or the information in this operation manual may be change without prior notice.

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:

⚠ Warning	means “may result in serious injury or death”
⚠ Caution	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 insure player's security and avoid damage:

⚠ Warning

- please check the voltage is 110V or 220V before the machine connectes 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.
- Don't touch the power plug with a wet hand to avoid electric shock.
- Don't expose the power cord/grounding line on the passageway. Failure to do this will damage the power cord, causing electric shock or short circuit.
- Don't lay anything near 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 distributor 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 can't 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 can't touch the pedal.
  - 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. If not, 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. Don't 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 1)

  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.

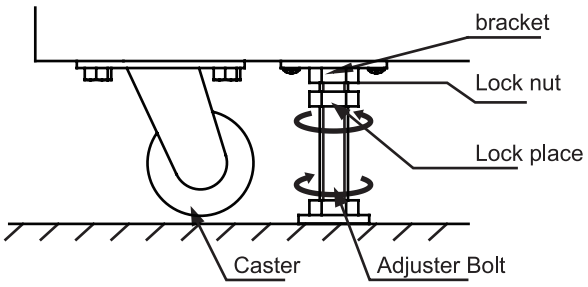


Diagram (1)

- Provide a space of minimum 30cm between the rear of the machine and the wall for good ventilation and heat emission (See diagram 2 and diagram 3).

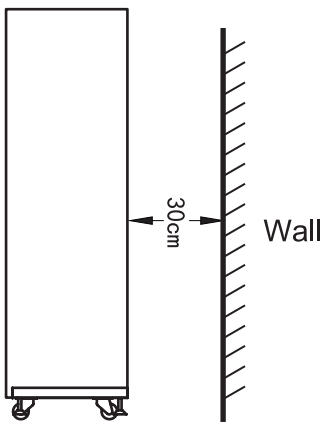


Diagram (2)

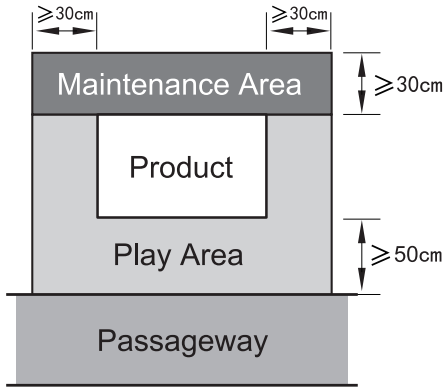
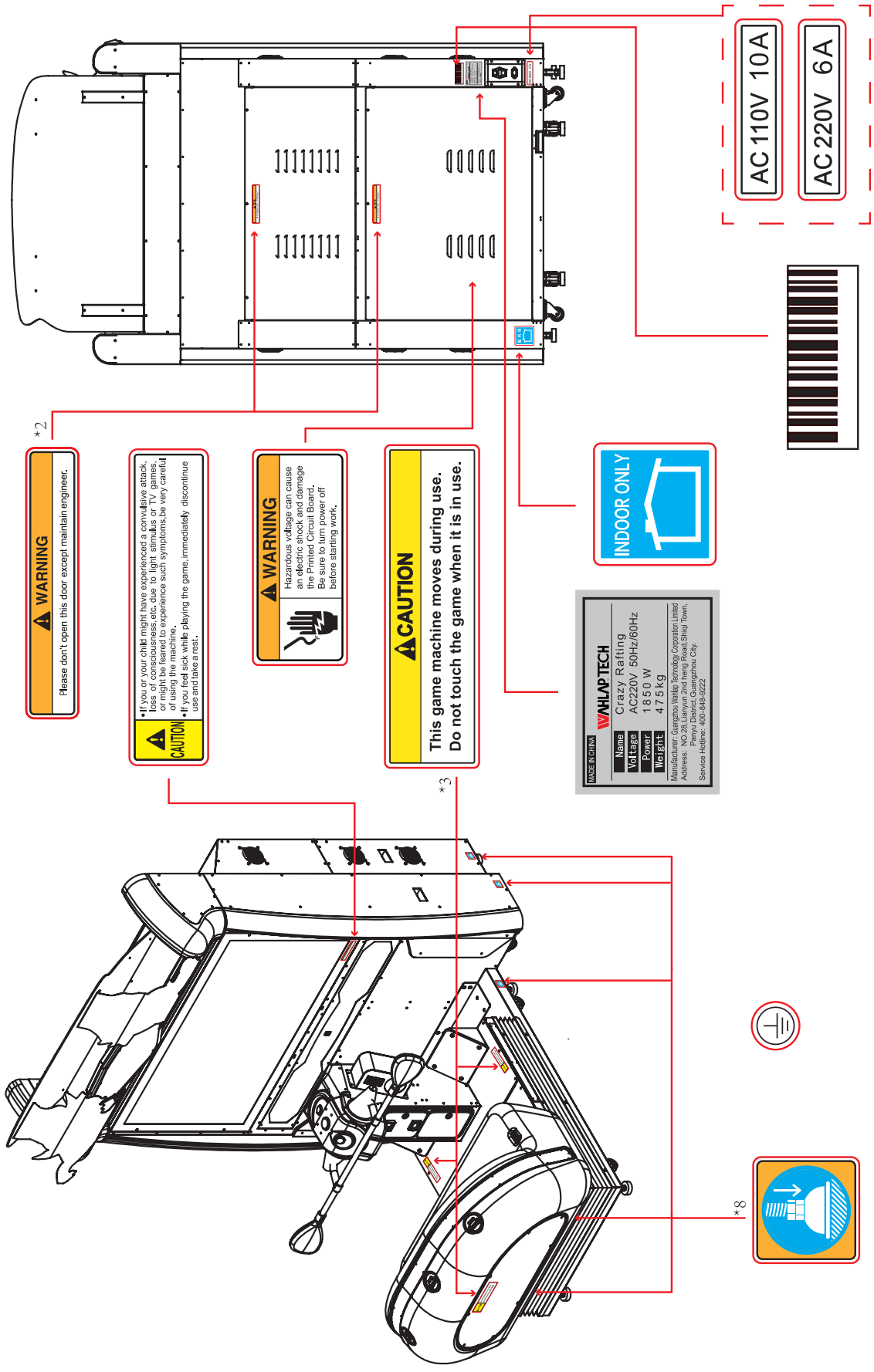


Diagram (3)

1.7 Caution & Warning Stickers



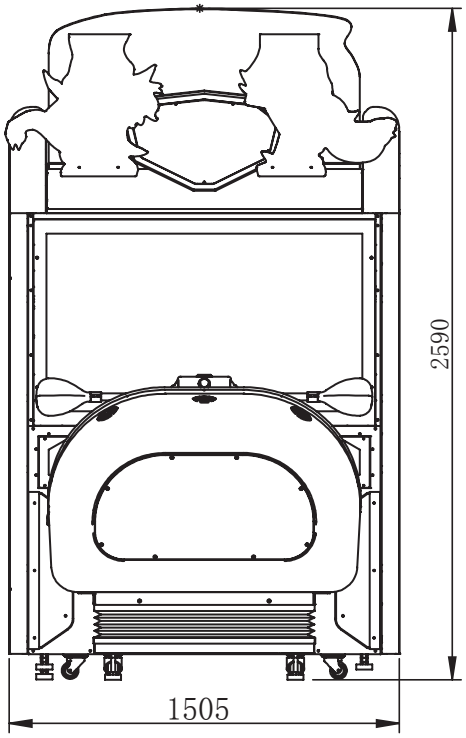
2. Product Description

2.1 Product Specification

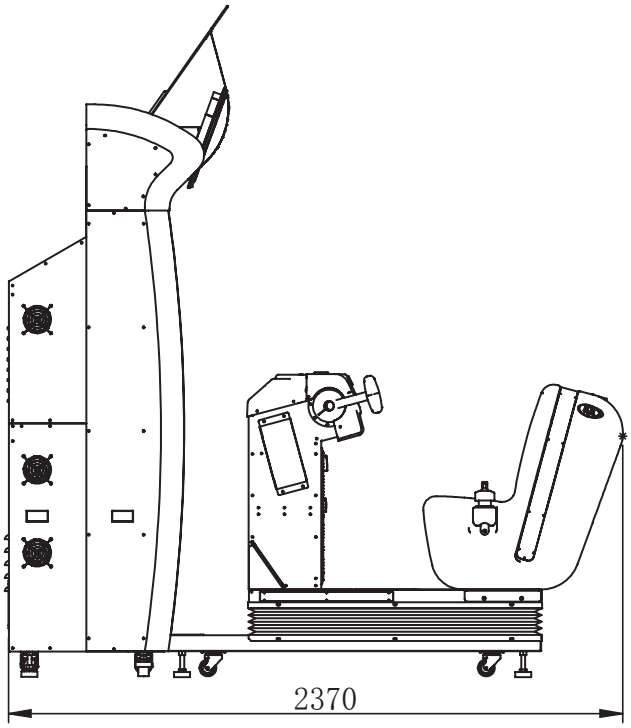
■ Location	Indoor Only
■ Dimension	1505(W)×2370(D)×2590(H)mm
■ Rated Voltage、Frequency	AC220V 50HZ /60HZ
	AC110V 50HZ /60HZ
■ Power Consumption	1850 W
■ Weight	475 kg
■ Temperature Range	5~40 °C

* 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.



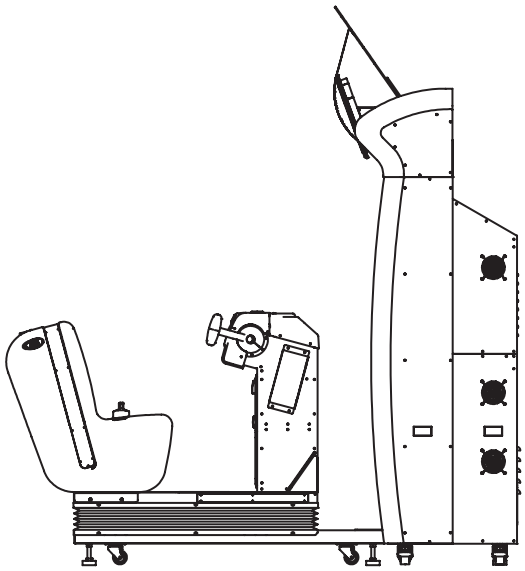
■ Front View



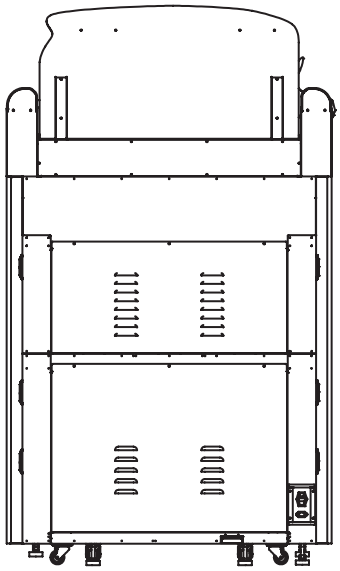
■ Side View

2.2 Overview

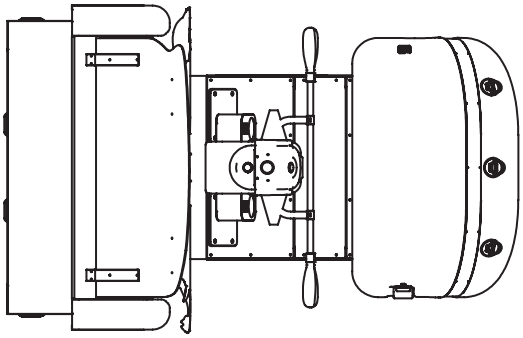
■ Side View



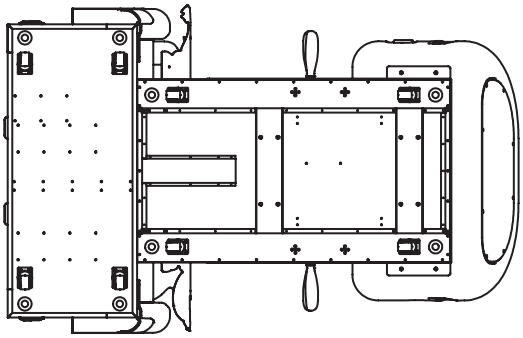
■ Rear View



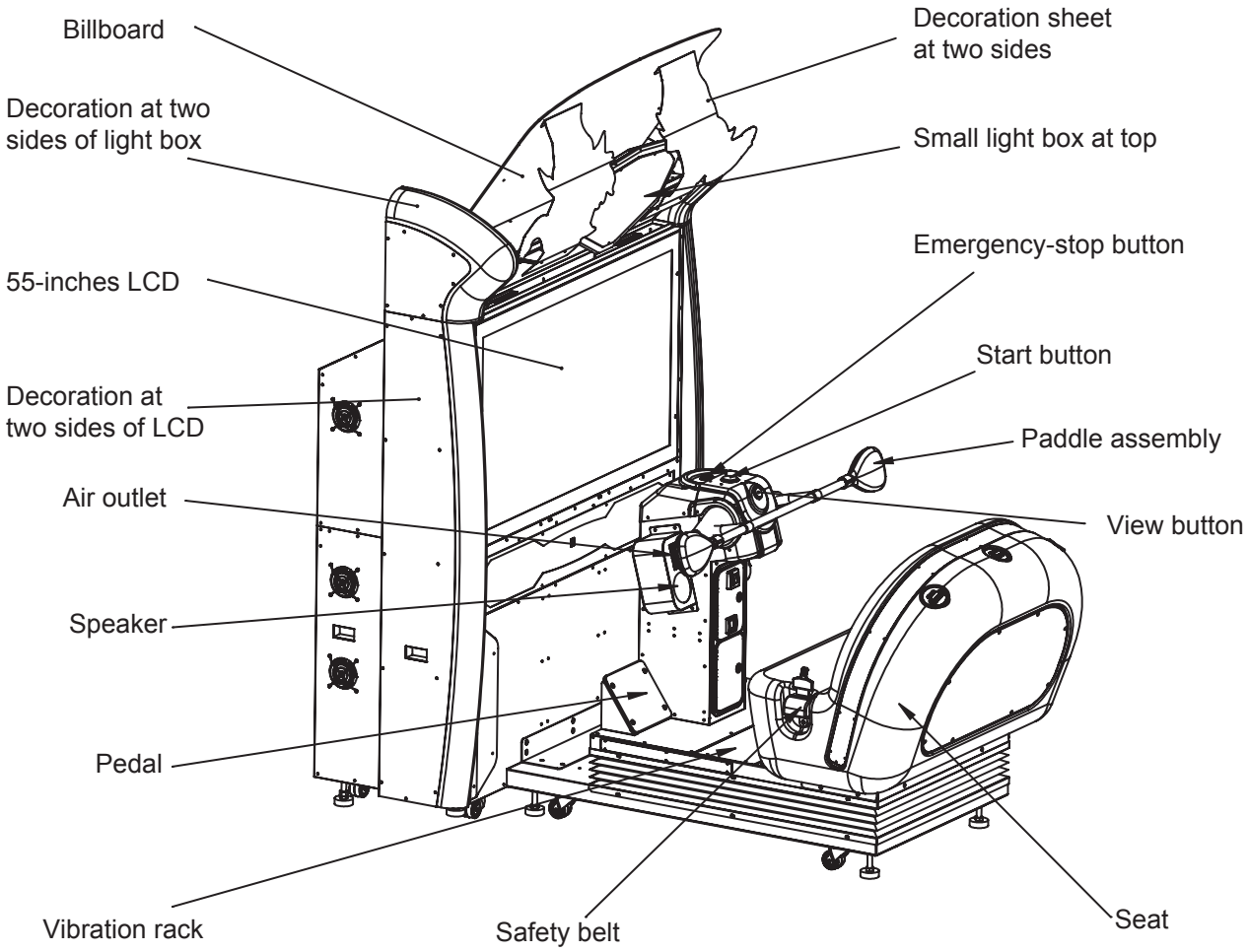
■ Top View



■ Bottom View

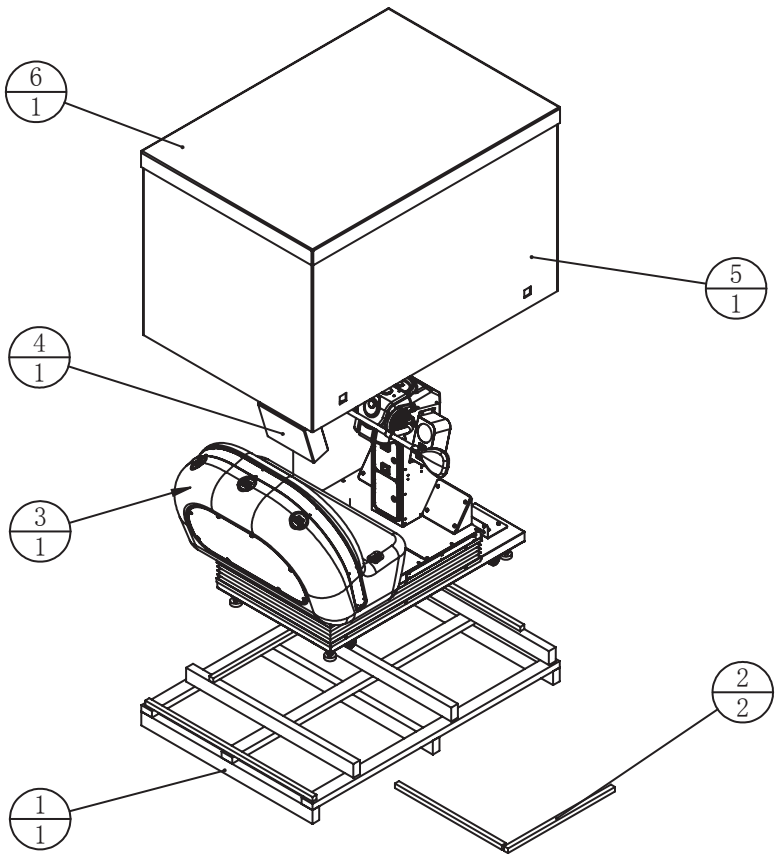


2.3 Parts Name



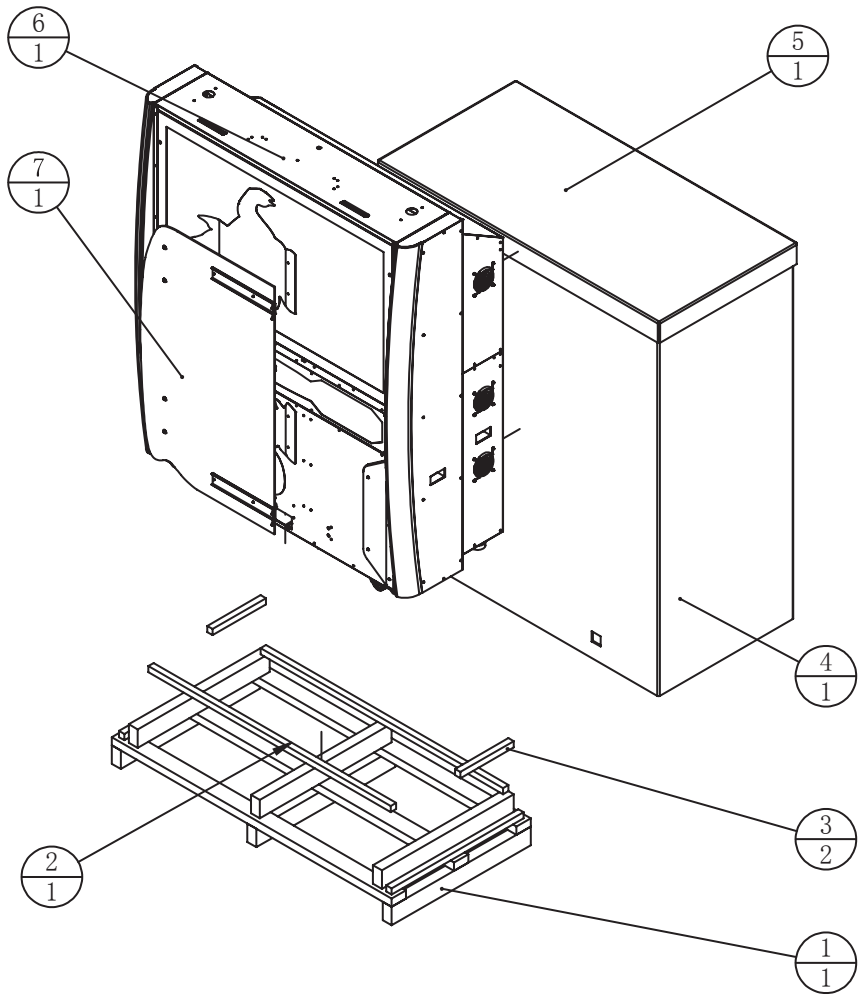
2.4 Shipment List

■ Packing Carton 1



No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
6	JPL-9901E04	Seat cover	water-tolerant2C 850g T-7	1	
5	JPL-9901E03	Seat coaming	water-tolerant2C 850g T-7	1	
4		Accessory box		1	
3		Seat group		1	
2	JPL-9901E02	limit wood 1	wood	2	
1	JPL-9901E01	Seat platform frame	wood	1	

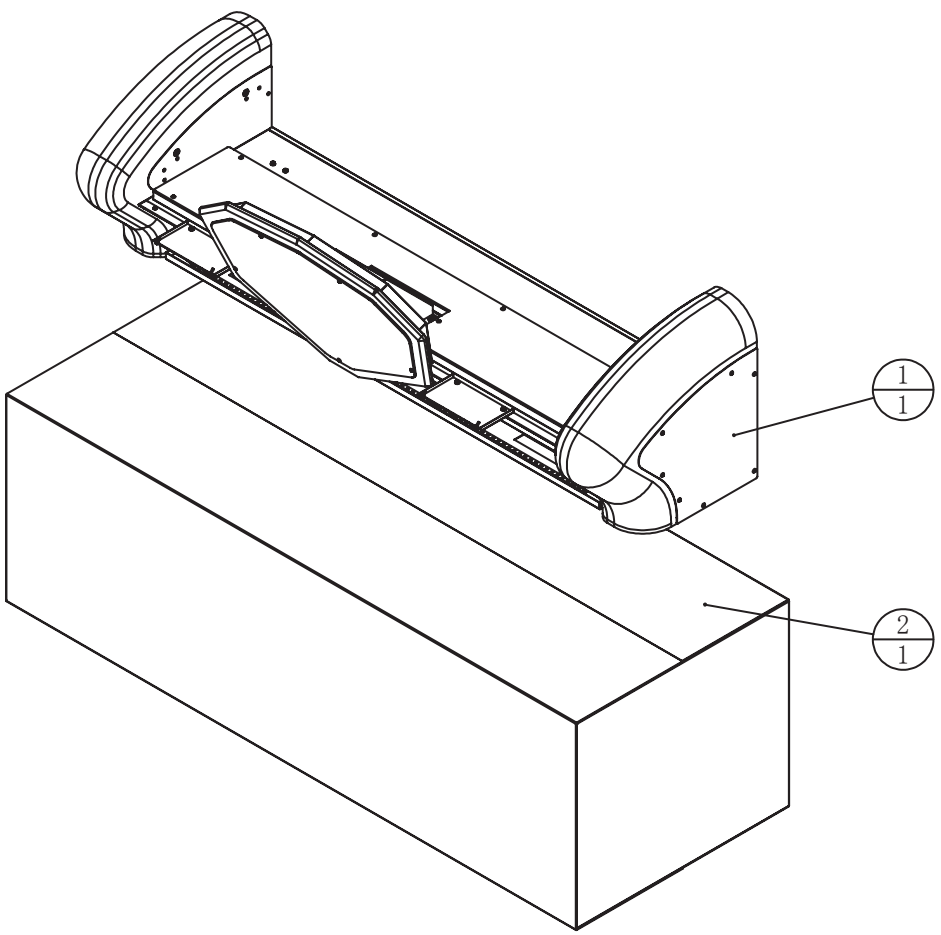
■ Packing Carton 2



No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
7	JPL-0205000	Kanban packaging		1	
6	JPL-0100000	Main body assembly		1	
5	JPL-9902E04	Main canopy	water-tolerant2C 850g T-7	1	
4	JPL-9902E03	main part coaming	water-tolerant2C 850g T-7	1	
3	JPL-9902E02	limit wood 2	wood	2	
2	JPL-9902E05	limit wood 3	wood	1	
1	JPL-9902E01	main body platform frame	wood	1	

■ Packing Carton 3

产品名称 Machine Name	疯狂漂流 Crazy Rafting
箱体重量 Box Weight	35 kg
箱体尺寸 Box Size	1600 (W) × 600 (D) × 505 (H) mm
箱体备注 Note	灯箱装配
C/NO.	3/3



No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
2	JPL-9903E01	Light box carton	water-tolerant2C 850g T-7	1	
1		Light box assembly		1	

2.5 Packing List

Please check the following items after purchasing our product. If any part missing or damaged, please contact our sales person!

Description	Specification	Quantity	Remarks
Lexus key		2	
cross recessed fillister head three-combination screw	M4*12（Chrome）	4	
Hex Socket Cap Screws	M4*12（Chrome）	4	
Hexagon triple combination	8*20*16*1.5(black)	6	
Hexagon triple combination	6*16*12*1.2(black)	6	
AC cable	3m（1.0m㎡）	2	
fuse tube	F6A/5*20 250V	1	
User's manual - English	Coated paper	1	

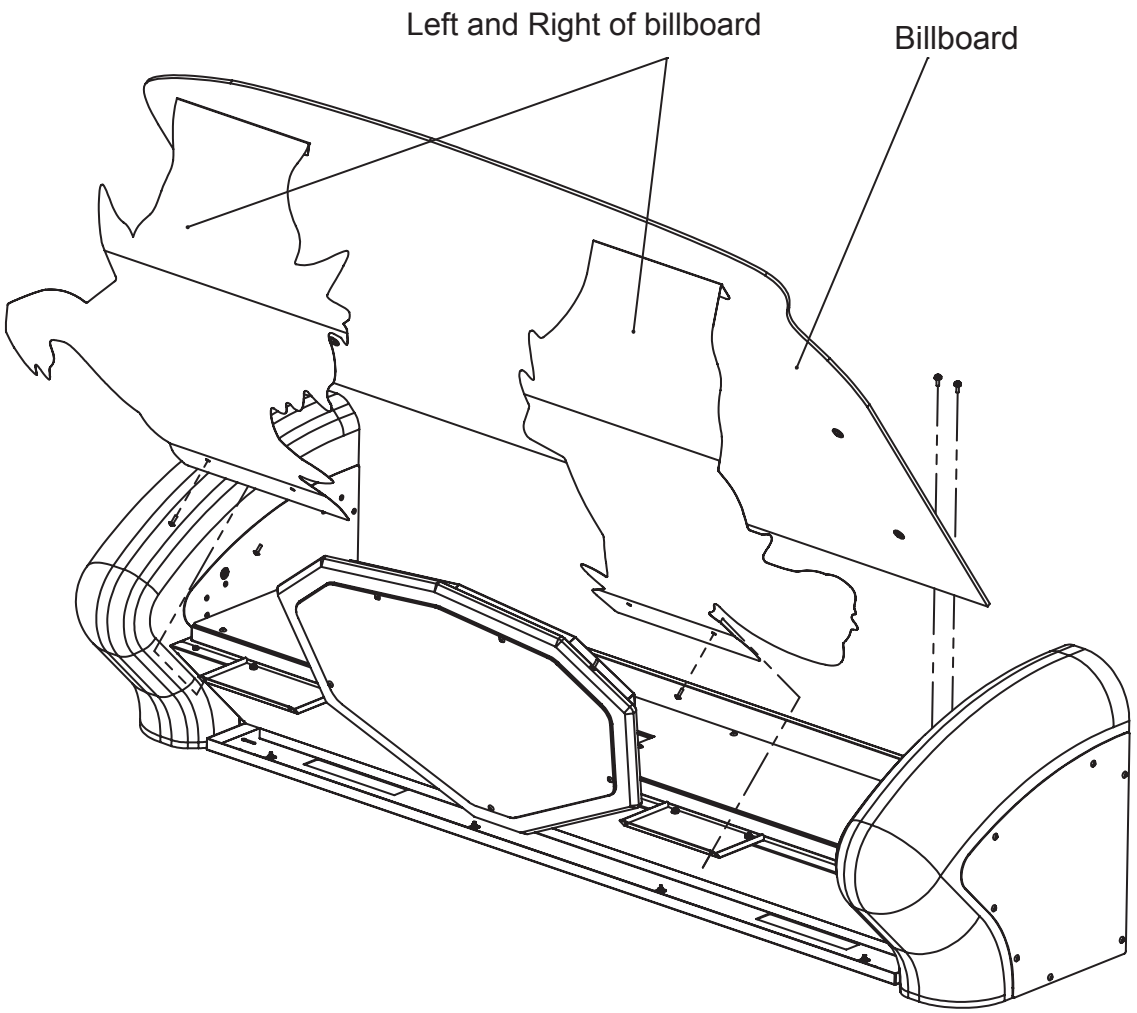
2.6 Install Direction

■ Step 1

Assembly of Billboard

1、Use four M4*12 cross round head three-combination screws to fix billboard assembly；

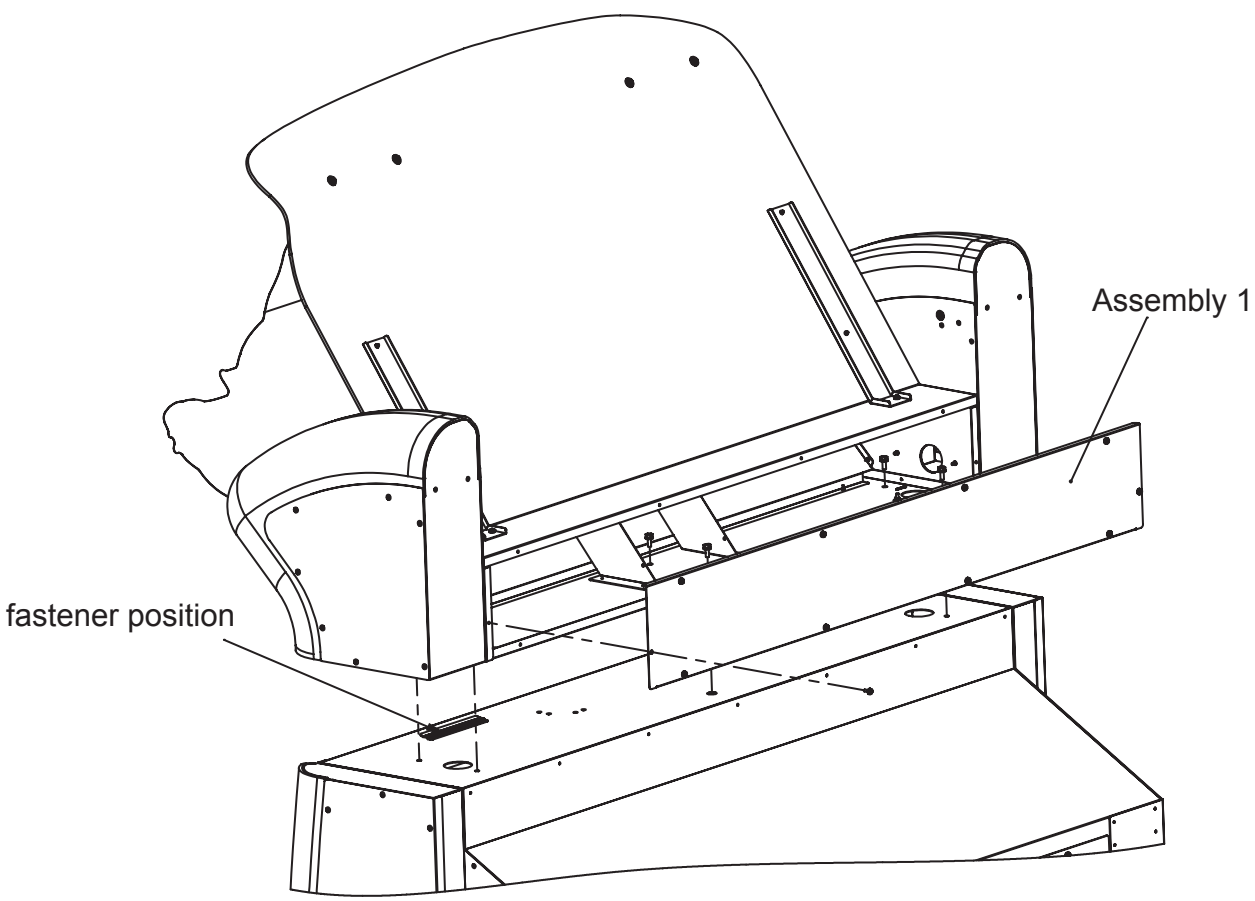
2、Use four M4*12 large flat head socket hexagon screws to fix decoration at left and right of billboard.



■ Step 2

Assembly of light box at top

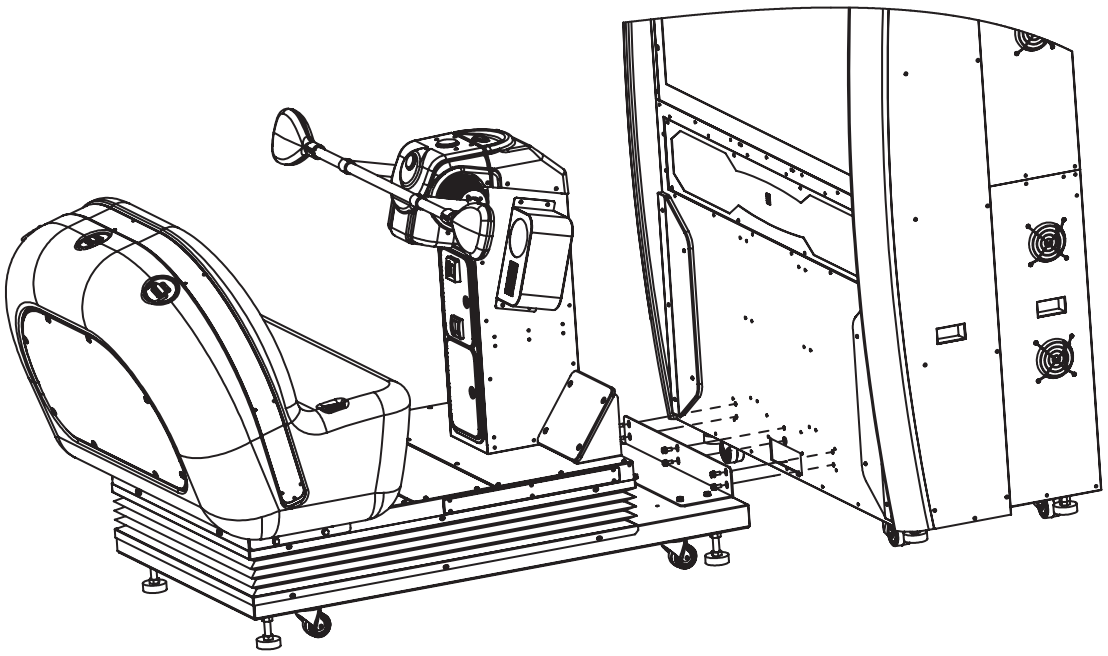
1、Remove 10 M4*12 cross round head three-combination screws, and remove assembly 1.
2、Lift the top light box, align it with fastener position, and insert it into from front to rear.
3、Use 6 M6*16 hex screws to fix top light box assembly.
4、Connect the wires, and install assembly 1.



■ Step 3

Connection of seat

1、Align the seat assembly with display assembly, and connect the wires;
2、Use 6 M8*20 hex screws to connect seat assembly.



Special attention:When special case occurs in shipment, please check “Installation guide” in attachment box of shipment, and make assembly according to installation guide; special supplement will not be made in this instruction.

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 such as god will.
- 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. Game Description

3.1 Appearance Design

New appearance design for machine, with seat looking like stern, console looking like paddle, some game elements displaying on top decoration of machine, and super large screen; players can enjoy an immersive experience in the game, both from the machine appearance and the control.

3.2 Game introduction

"Crazy Rafting" is an arcade experience game with canoe as the carrier and adventure travel in the prehistoric explosion of life as theme; where players will play roles of one/two canoes rowers, manipulate long paddles of canoe, visit the scenarios full of different features, interact with the prehistoric creatures, experience the exciting adventure, arrive at the destination before the end of the countdown, and escape from the prehistoric world.

This product not only presents the torrent environment in the nature, but also combines the prehistoric world, alien worlds, glacier, desert, and world different themes; in addition, in the game, there are giant dinosaurs in the Jurassic era, giant silicon based lives indifferent planets, exotic creatures such as giant mammoth in ice age; in the scenarios full of giant creatures, players will suffer the astonishing experience, and immerge into the game quickly.

At the end of the game, it will provide statistical data that tell the player about this/her operation level, how much time he/she has spent, and how many calories he/she has burned. It is worth mentioning that: the concept of burning calories is a great way for attracting players, so players can know the calories burned by the player for each effective paddle shaking, because calories are always linked with health and exercise.

Easy operation, immersive sound effect, exciting dynamic presentation and wind blowing effects, all of them will bring players into a realistic and intuitive drifting adventure.

3.3 How to play

The main objective of whole game: operate the paddle, and avoid various emergencies until arriving at the destination, as well as various scenarios and slapping specific playing methods.

1. After inserting enough game tokens, press the Start button on the console to enter the Game level selection screen.
2. After entering the game level and playing the game, players can operate the paddles left/right to drive the canoe, and the moving speed can be increased/decreased depending on frequency of paddle operation.
3. During the game, the countdown for current level will be displayed at top left of the game, and the speed of canoe will be displayed at top right of the screen. Players shall arrive at the destination before the end of the countdown.
4. When the player's canoe is chased or bitten by strange creatures, the player can keep slapping operation to break free, or a lot of game time will be consumed until the end of game.
5. When the player's canoe encounters sandstorm, long uphill and/or whirlpool, players can operate paddles with higher frequency to get out of trouble.
6. When the player encounters the alien life, the player can make left/right evasive operation to prevent deceleration due to interference of energy bomb from alien life.

4.Test and Setting

4.1 Background operation

1.First of all, confirm that the machine is started and in " Game standby screen " or " Loop video demo screen", i.e., no coin inserted and no player in playing.

2.Open the coin slot of machine, operate the keyboard in the background, press the [TEST] button to enter the main menu of [Options], and you will see the following contents:

3.Select items via using [UP] and [DOWN] on the background keyboard, and the selected items will be highlighted.

4.Press the [TEST] button on the submenu item that you want to adjust and test, and enter the submenu of this item.

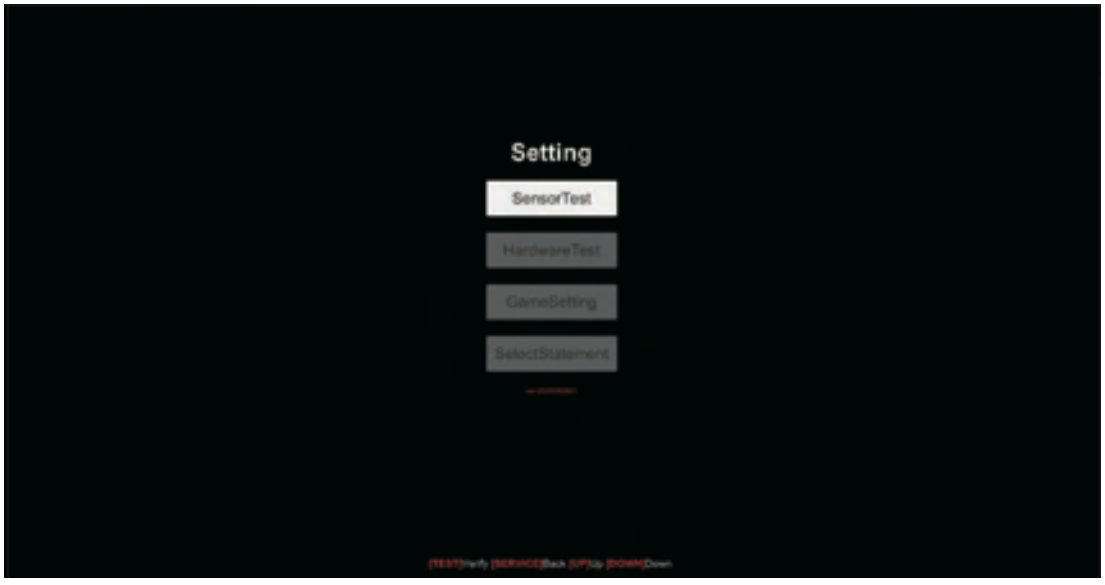
5.Description of items in the background service interface:

a.Sensor test: test various input sensors of game hardware.

b.Hardware test: test game hardware such as airbag, dynamic light, and paddles.

c.Game settings: adjust the game setting for difficulty, coin, paddle, sound, and language.

d.View report: users can query related business data of machine, such as daily and monthly reports; reset function for the ranking list and reports.



4.2 Sensor Setting

In the "Sensor Setting" menu, as shown in the figure below:

Select the hardware sensor to be tested, then perform operations according to the corresponding hardware keys, and view the connection state and operation state.

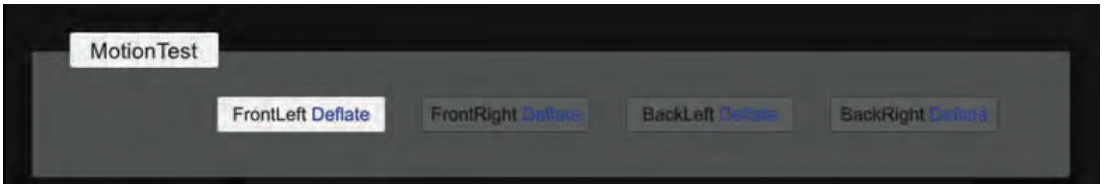
4.3 HardWare Test

1. In the "Options" menu, select "HardWare Test" via using [UP] and [DOWN] keys of background keyboard, and press the "TEST" button to enter the submenu screen of "HardWare Test".
2. Select items via using [UP] and [DOWN] on the keyboard, and the selected items will be highlighted.
3. Press the [TEST] button on the item you want to select, and enter the submenu item.
4. In this submenu, there are Dynamic test, Light test, Speaker test, Fan test, and Paddle test.

The functions of this submenu items are described as follows:

4.3.1 Motion Test

1.Select the "Motion Test" submenu, and the following screen will be displayed.



2.Select items via using [UP] and [DOWN] on the keyboard, and the selected items will be highlighted.

3.After selecting the dynamic air bag to be tested, press the [TEST] button to switch to dynamic state, which is divided into deflating and inflating.

4.The submenu contains following items:

a.Front Left: one airbag at front left of machine, and it can be inflated separately;

b.Front Right: one airbag at front right of machine, and it can be inflated separately;

c.Back Left: one airbag at rear left of machine, and it can be inflated separately;

d.Back Right: one airbag at rear right of machine, and it can be inflated separately;

4.3.2 Lighting Test

1.Select the "Light Test" submenu, and the following screen will be displayed.

2.Select items via using [UP] and [DOWN] on the keyboard, and the selected items will be highlighted.

3.After selecting the light to be tested at current stage, press the [TEST] button to switch to the light state. The light states include red, green, blue, white, and off.

4.The submenu contains the following items:

a.LED:Left: test the color of [LED:Left] of machine;

b.LED:Right: test the color of [LED:Right] of machine;

c.BottomLED Left: test the color of [BottomLED Left] of machine;

d.BottomLED Right: test the color of [BottomLED Right] of machine;

e.LED:Top: test the color of [LED:Top] of machine;

f.StartButton: test the color of [StartButton] of machine;

g.StopButton: test the color of [StopButton] light of machine;

h.ViewZoom button: test the color of [ViewZoom button] light of machine;

4.3.3 Speaker Test

1.Select the "Speaker Test" submenu, and the following screen will be displayed.

2.Select items via using [UP] and [DOWN] on the keyboard, and the selected items will be highlighted.

3.After selecting the speaker to be tested, press the [TEST] button to switch to the speaker state. The speaker states include mute and play.

4.The submenu contains the following items:

a.Speaker:Left

b.Speaker:Right

4.3.4 Fan Test

1.Select the "Fan Test" submenu, and the following screen will be displayed.

2.Press the [TEST] button on the item you want to select to enter the operation, or enter the submenu item.

3.After selecting the fan to be tested, press [TEST] to switch to the fan state. The fan states can be Off, 25, 50, 75, or 100.

4.The submenu contains the following items:

a.Fan:Left

b.Fan:Right

4.3.5 Oar Test

1.Select the submenu "Oar Test", and the following screen will be displayed.

2.The oar report contains the following items:

a.Plane ActualNum.

b.Plane MinRefeNum.

c.Plane MidRefeNum.

d.Plane MaxRefeNum.

e.Vertica ActualNum.

f.Vertica MinRefeNum.

g.Vertica MidRefeNum.

h.Vertica MaxRefeNum.

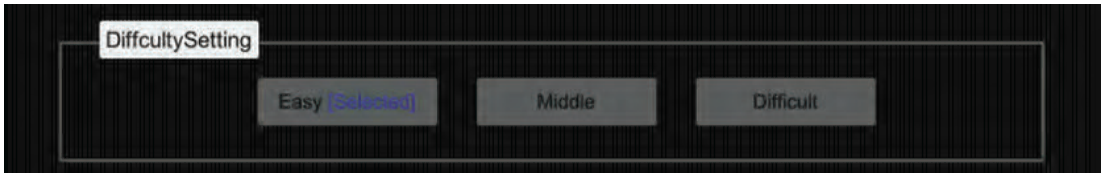
4.4 Game setting

1.[Options] menu: select [Game setting] via using [UP] and [DOWN] on the background keyboard, and press the [TEST] button to enter the submenu screen of [Game setting].
2.Select items via using [UP] and [DOWN] on the keyboard, and the selected items will be highlighted.
3.Press the [TEST] button on the item you want to select, and enter the submenu item.

The functions of the submenu items are described below:

4.4.1 Difficulty Setting

1.In the "Diffculty Setting" menu, use "UP" and "DOWN" buttons on the background keyboard to select "Difficulty setting", and press "TEST" button to enter the submenu item screen of "Difficulty Setting".
2.Select items via using [UP] and [DOWN] on the keyboard, and the selected items will be highlighted.
3.After selecting the difficulty of the game, press the [TEST] button to confirm the current selection. The difficulty levels of the game include Easy, Middle and Difficult respectively. After selecting difficult level, the text of Selected will appear.
4.The game difficulty selected here includes but is not limited to: decreasing of game time, and adjustment for attack frequency of monster.

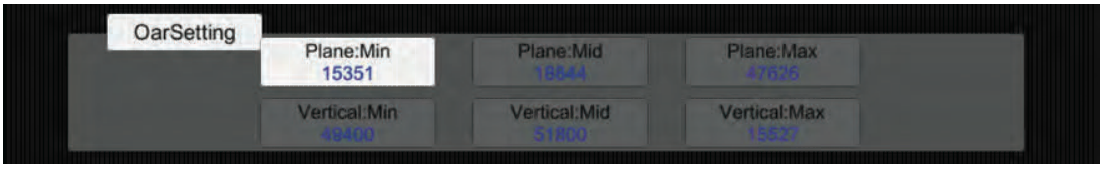


4.4.2 Coin Setting

1.In the "Game Setting" menu, select "Coin settings" via using the "UP" and "DOWN" keys on the background keyboard, and press the "TEST" button to enter the submenu item screen of "Coin settings".
2.Select items via using [UP] and [DOWN] on the keyboard, and the selected items will be highlighted.
3.After selecting the item to be set, press the [TEST] button to enter the modification state (the text will turn red in the modification state). You can adjust the number of coins in the item via [UP] and [DOWN] (when the number of coins at starting is "0", it will be free mode), and press the [TEST] button again to complete the modification. The adjustable options include: the number of coins at starting, and the number of coins to continue game.
4.The items here are described below:

4.4.3 Oar Setting

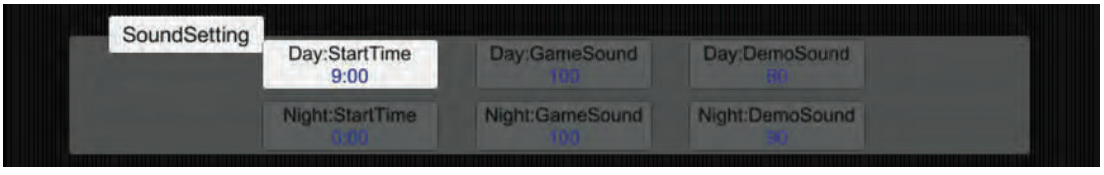
1.Select the "Oar Setting" submenu, and the following screen will be displayed.



2.Select items via using [UP] and [DOWN] on the keyboard, and the selected items will be highlighted.
3.After selecting the item to be set, press the [TEST] button to enter the modification state (the text will turn red in the modification state), adjust the value by adjusting the horizontal and vertical angle of the paddle, and press the [TEST] button again to complete the modification.
4.In this submenu, the items from up to down include: the minimum value, intermediate value, and maximum value of paddle's X/Y axis respectively.

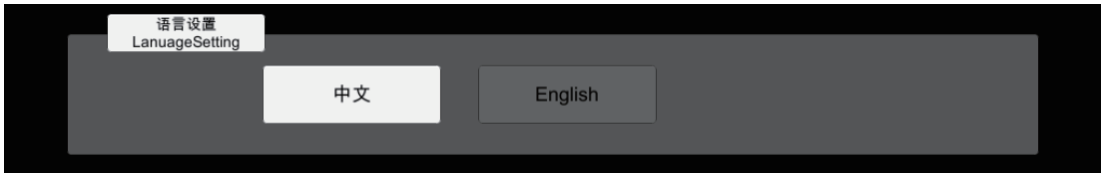
4.4.4 Sound Setting

1.In the "Game Setting" menu, use "UP" and "DOWN" keys on keyboard to select "Sound setting", and press the "TEST" button to enter the submenu item screen of "Sound setting".
2.Select items via using [UP] and [DOWN] on the keyboard, and the selected items will be highlighted.
3.After selecting the item to be set, press the [TEST] button to enter the modification state (the text will turn red in the modification state), and adjust the value in the item via using [UP] and [DOWN]. After the adjustment, press the [TEST] button again to complete the modification. Adjustable options include: starting time in the day, game volume in the day, DEMO volume in the day, starting time in the night, game volume in the night, and DEMO volume in night.



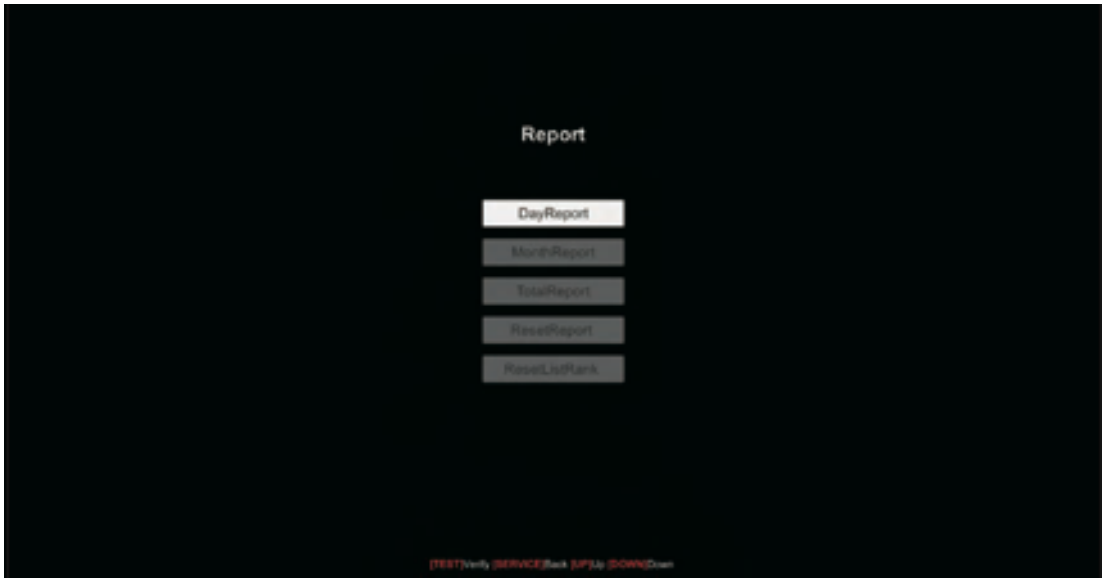
4.4.5 Language Setting

1.In the "Game Settings" menu, select "Language Setting" via using the "UP" and "DOWN" buttons on background keyboard, and press the "TEST" button to enter the submenu item screen of "Language settings".
2.Select items via using [UP] and [DOWN] on the keyboard, and the selected items will be highlighted.
3.After selecting the game language, press the [TEST] button to confirm the current selection. The game languages include Chinese and English respectively.
4.The items here are described below:



4.5 Report

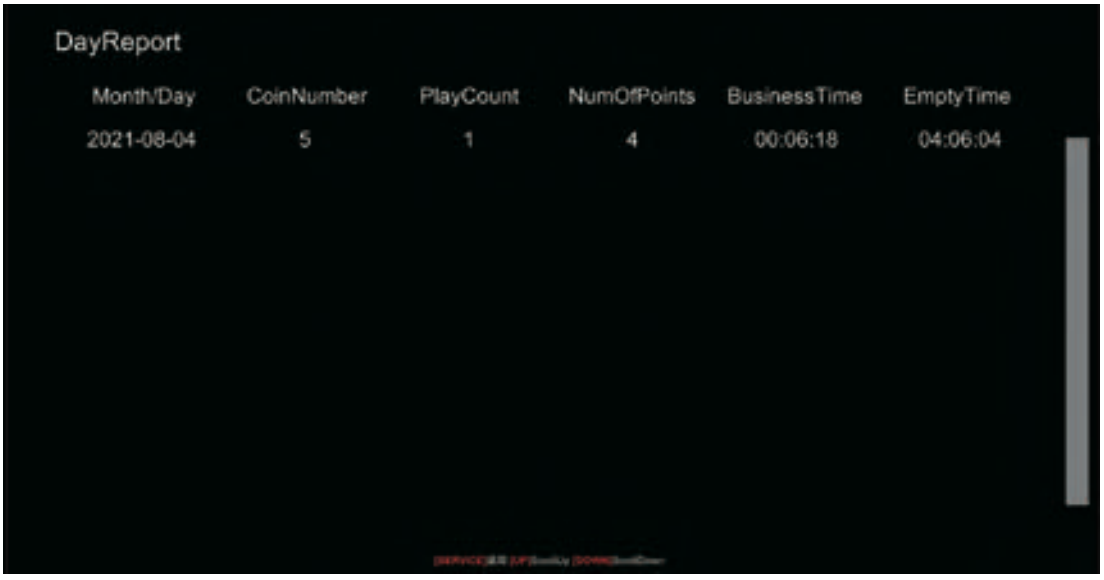
1.In the menu of [Options] , select [Report] via using the [UP] and [DOWN] on the keyboard, and press [TEST] button to enter the submenu item screen of [View report].
2.Select items via using [UP] and [DOWN] on the keyboard, and the selected items will be highlighted.
3.Press the [TEST] button on the item you want to select to enter the operation, or enter the submenu item.
4.In this submenu, the items from up to down include: Day Report, Month Report, Total Report, Reset Report, and ResetList Rank.



The functions of the submenu items are described below:

4.5.1 Day Report

1.Select the "Day Report" submenu, and the following screen will be displayed.



2.Use [UP] and [DOWN] on the background keyboard to scroll data up/down.

3.The daily report contains the following items:

a.Month/day: indicates the date of data in the row;

b.CoinNumber: indicates the total number of coins related signals received by this machine in this day (0:00 is demarcation of today and tomorrow);

c.PlayCount: indicates the number of new games played by player(s) on this machine in that day. It is worth noting that: for any machine changing from idle state without player to business state with player involved in, each time when player confirms to enter the game, it will be treated as a new game and counted in the number, including the game continued and restarted by player after game over.

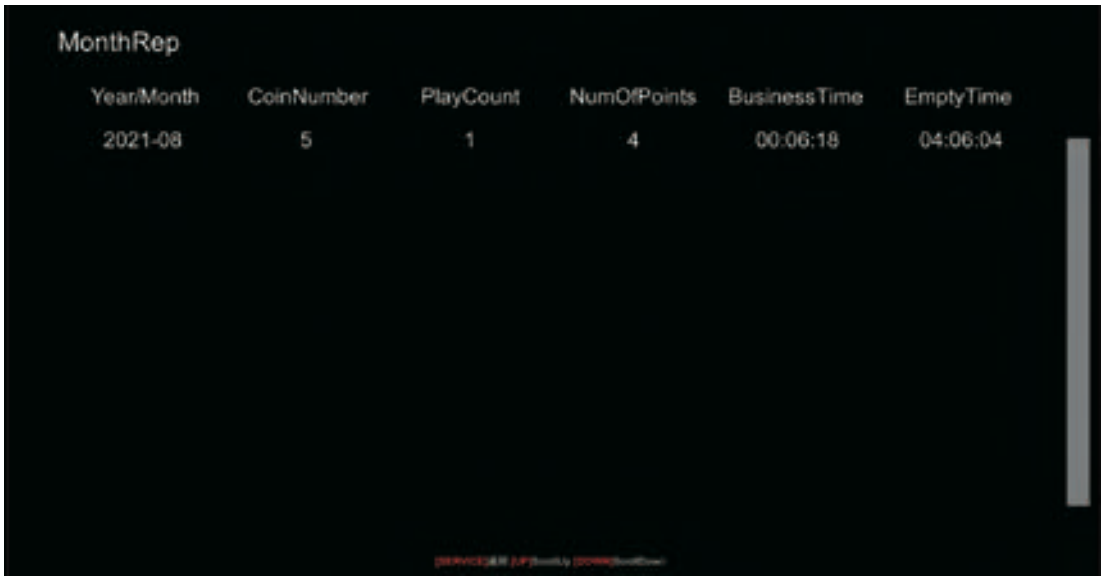
d.NumOf Points: indicates the total number of times a player has switched levels during that day;

e.Business Time: total time of playing game on this machine during that day, usually the time of playing game at one level or multiple levels;

f.Empty Time: total time of machine in idle state during that day, the said machine is in starting state but there is not player playing the game, including but not limited to the standby screen, the loop video demo screen, and the scrolling time of the ranking list in standby state;

4.5.2 Month Report

1.Select the "Month Report" submenu, and the following screen will be displayed.



2.Use the [Up] and [Down] on the background keyboard to scroll data up/down.

3.Items contained in the monthly report are described below:

a.Year/Month: indicates the month of data in the row;

b.CoinNumber: indicates the total number of coins related signals received by this machine in this month

c.PlayCount: indicates the number of new games played by player(s) on this machine in that month. It is worth noting that: for any machine changing from idle state without player to business state with player involved in, each time when player confirms to enter the game, it will be treated as a new game and counted in the number, including the game continued and restarted by player after game over.

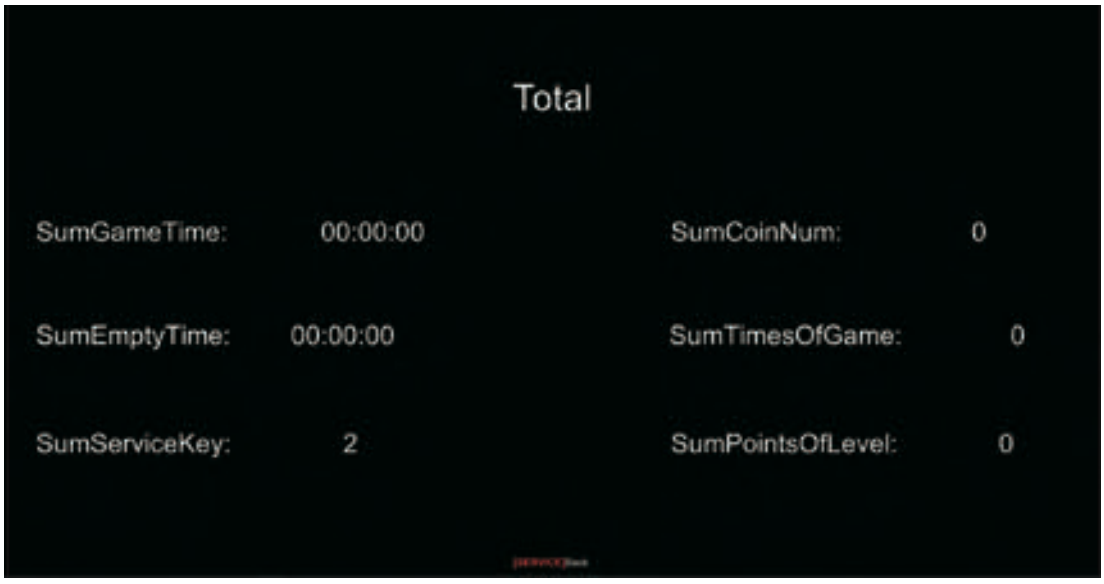
d.Num Of Points: indicates the total number of times a player has switched levels during that month;

e.Business time: total time of playing game on this machine during that month, usually the time of playing game at one level or multiple levels;

f.Empty Time: total time of machine in idle state during that month, the said machine is in starting state but there is not player playing the game, including but not limited to the standby screen, the loop video demo screen, and the scrolling time of the ranking list in standby state;

4.5.3 Total Report

1.Select the "Total Report" submenu, and the following screen will be displayed.



2. The total table contains the following items:

a.Total business time: total time of playing game on this machine since the initial starting, usually the time of playing game at one level or multiple levels;

b.Total number of coins: indicates the total number of coins related signals received by this machine since the initial starting;

c.Total idle time: total time of machine in idle state since the initial starting, the said machine is in starting state but there is not player playing the game, including but not limited to the standby screen, the loop video demo screen, and the scrolling time of the ranking list in standby state;

d.Total number of games: indicates the total number of new games played by player(s) on this machine since the initial starting. It is worth noting that: for any machine changing from idle state without player to business state with player involved in, each time when player confirms to enter the game, it will be treated as a new game and counted in the number, including the game continued and restarted by player after game over.

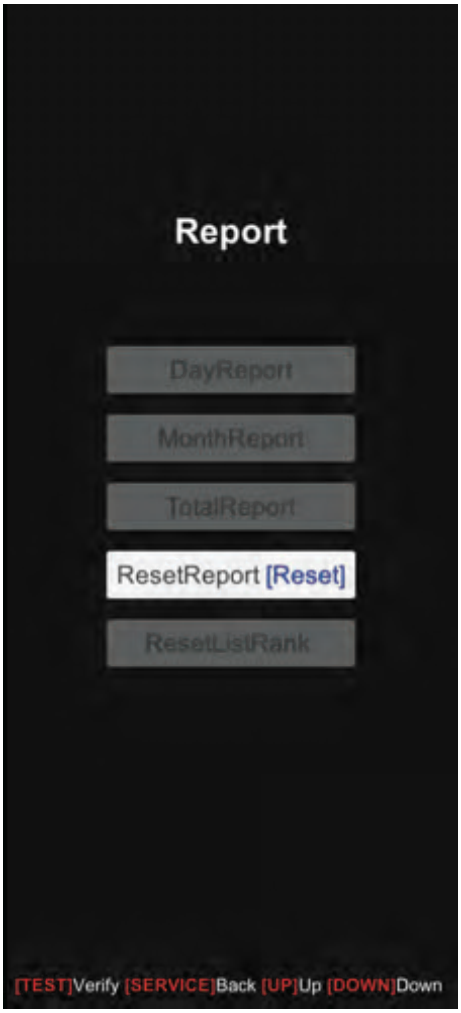
e.Number of service buttons used: indicates the total number of service buttons (background buttons) used on this machine since the initial starting. i.e., number of times entering the background (it will be counted as one service button from entering the background to exiting the background; pressing the service button for an unlimited number of times in the background will not be counted in " Number of service buttons used");

f.Total number of levels: indicates the total number of times a player has switched levels in this machine since the initial starting; the value will be accumulated only in following condition: it will be recorded once when changing from the black screen to appearing of new level.

4.5.4 Reset Report

1.Select the submenu [Reset Report], and the following screen will be displayed.

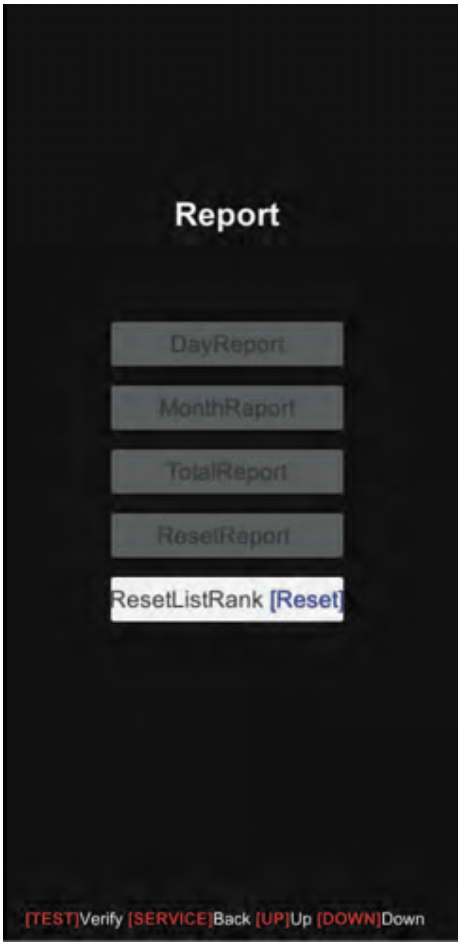
2.Press the [TEST] button again according to the prompt, and the selected item [Reset Report] will confirm to clear the daily report, monthly report and total table to the following state at the same time.



4.5.5 Reset List Rank

1.Select the submenu of "Reset List Rank", and the following screen will be displayed.

2.According to the prompt, press the "TEST" button again, and the selected item " Reset List Rank" will confirm the ranking list to the following state (default name will be 000&000 and 222&222 if player name is not available).



5. Maintenance and Service

5.1 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!

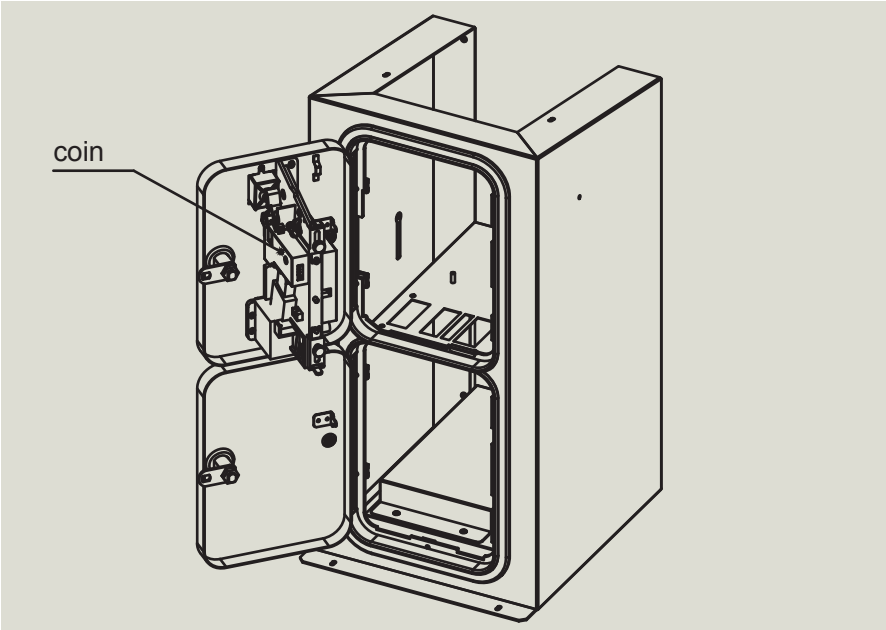
■ Servicing (conducted by a technician only)

- 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 Wahlap Technology.
- 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.

5.2 Part Replacement

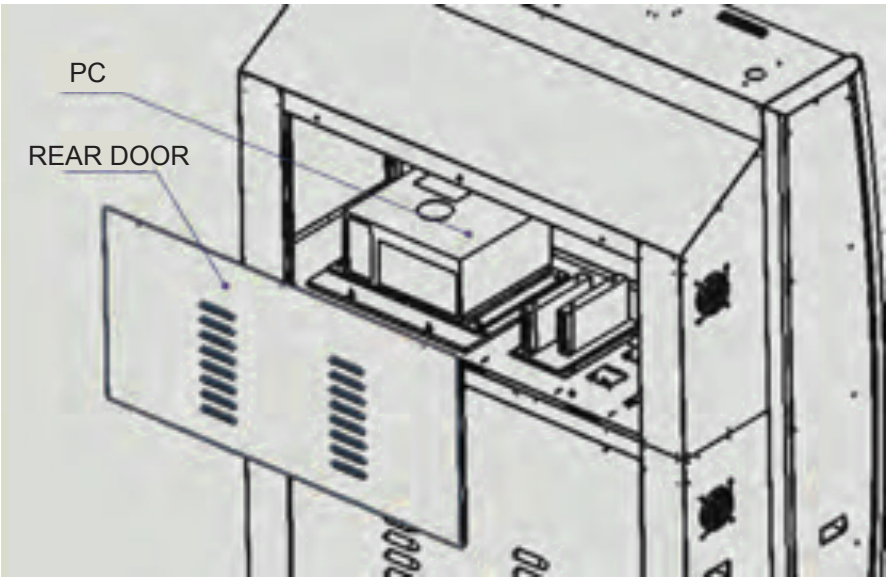
5.2.1 Maintenance and replacement of coin slot

1.Open the coin door with the key;
2.Remove the screws for fixing the coin slot, remove and replace the coin slot (pay attention to the connection of the wires);
3.Install back in reverse order.



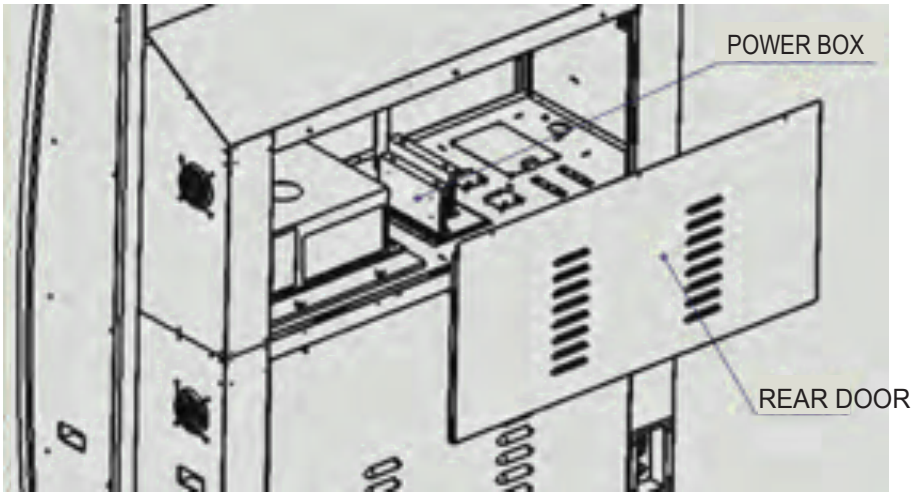
5.2.2 Maintenance of host

1、Remove screws of upper rear door, and remove the upper rear door;
2、Remove the screws fixing machine, remove the connecting wires, and replace the machine;
3、Install back in reverse order.



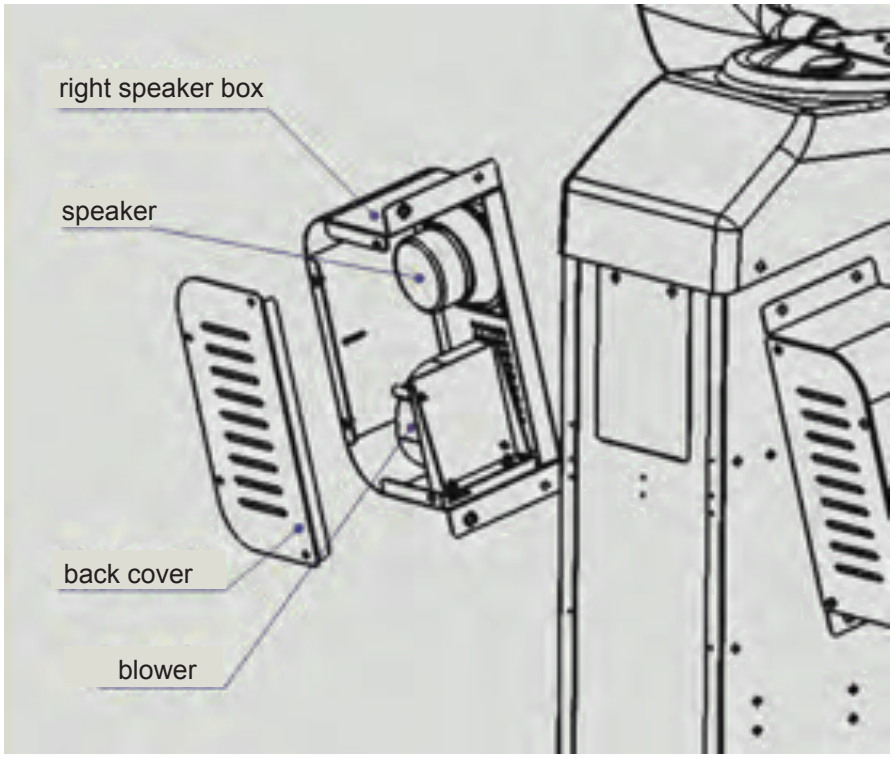
5.2.3 Maintenance and replacement of power box

1、Remove screws of upper rear door, and remove the upper rear door;
2、Remove the screws for fixing power box assembly, remove the connecting wires, and remove the power box assembly.
3、After replacement, assemble in reverse order.



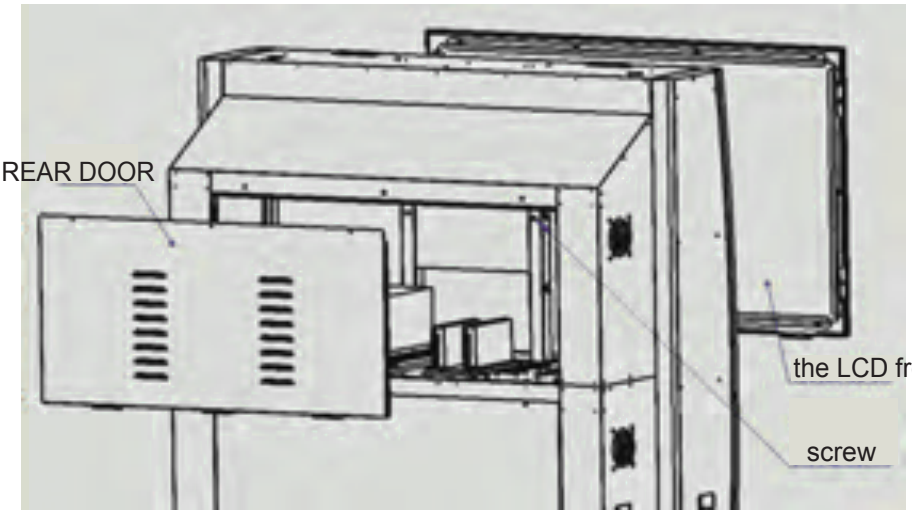
5.2.4 Replace speaker and blower at right of console (same for the left side)

1、Remove the screws for fixing right speaker box, and remove speaker box;
2、Remove the back cover of the box;
3、Remove the wire, and replace speaker and blower;
4、After the replacement, connect the wires, and install it in reverse order.



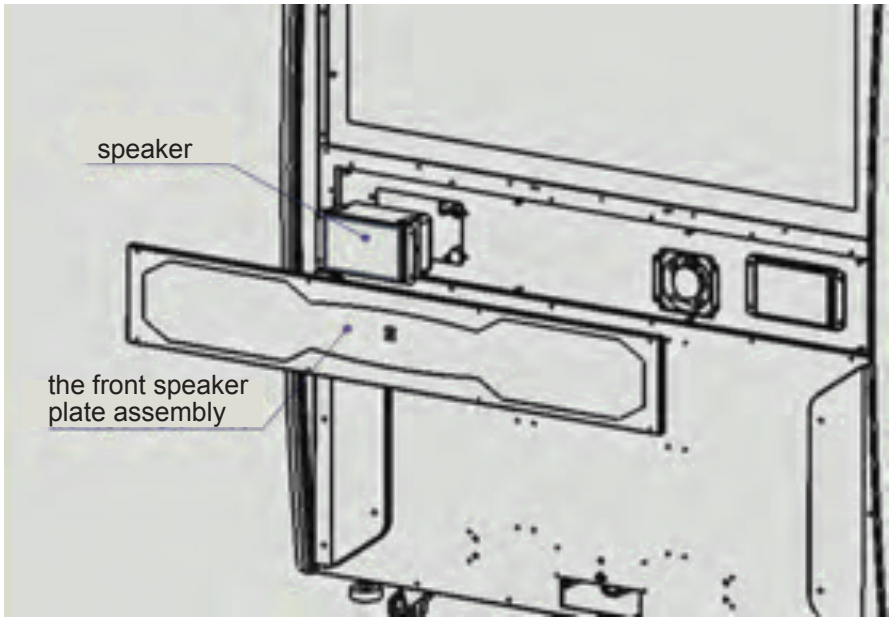
5.2.5 Replacement of LCD

1、Remove the screws for fixing LCD front frame, and remove the LCD front frame;
2、Remove screws of upper rear door, and remove the upper rear door;
3、Remove the screw fixing the LCD assembly, remove the connecting wires, and remove the LCD assembly;
4、Remove LCD for replacement, and install LCD in reverse order after replacement.



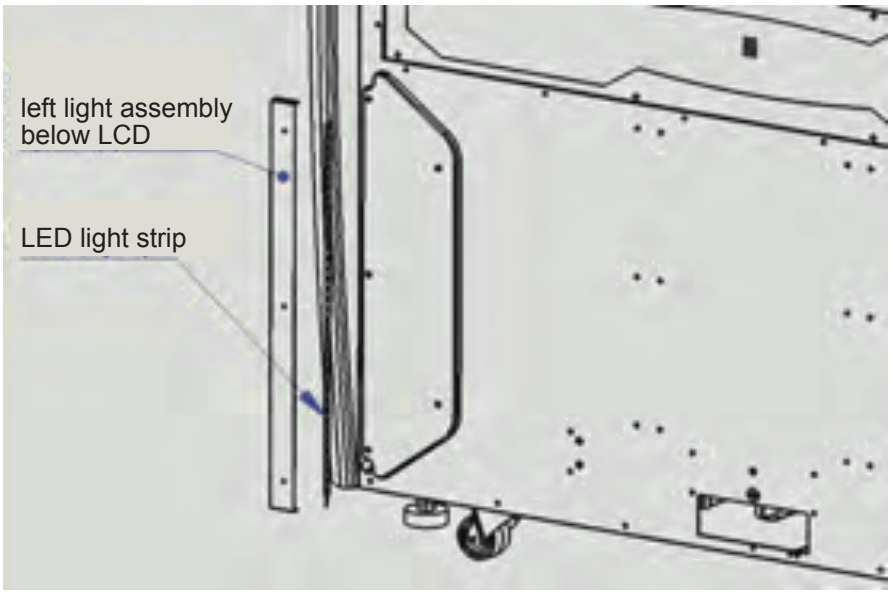
5.2.6 Replace speaker below LCD

1、Remove the fixing screw for front speaker plate, and remove the front speaker plate assembly;
2、Remove the screws fixing speaker assembly, and remove speaker assembly;
3、Remove speaker, and install speaker in reverse order after replacement.



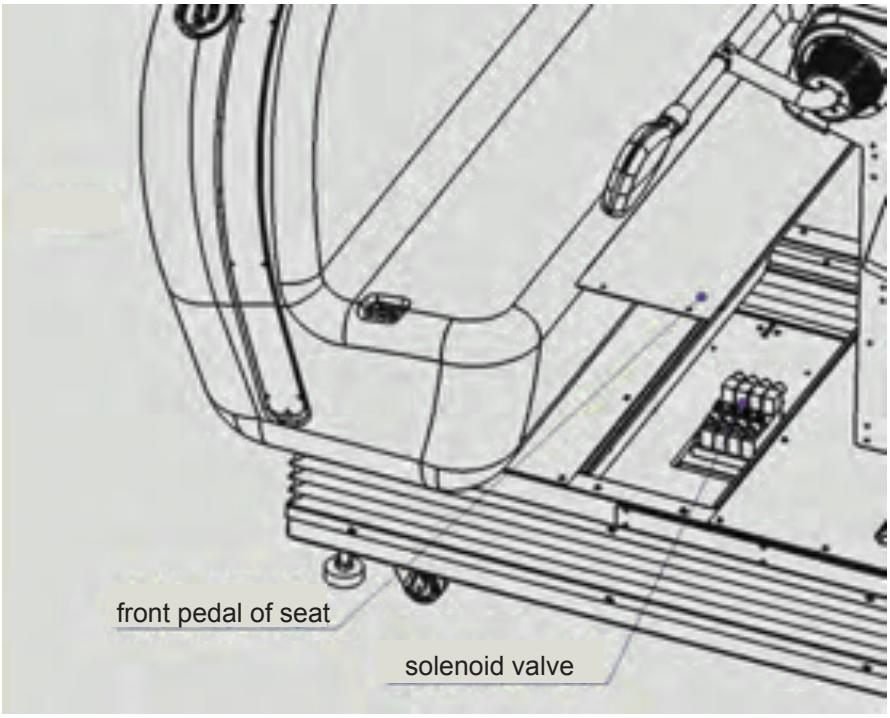
5.2.7 Replace left light below LCD (same for the right)

1、Remove the fixing screws for left light assembly below LCD, and remove the light assembly;
2、Replace the LED light strip;
3、After replacement, assemble in reverse order.



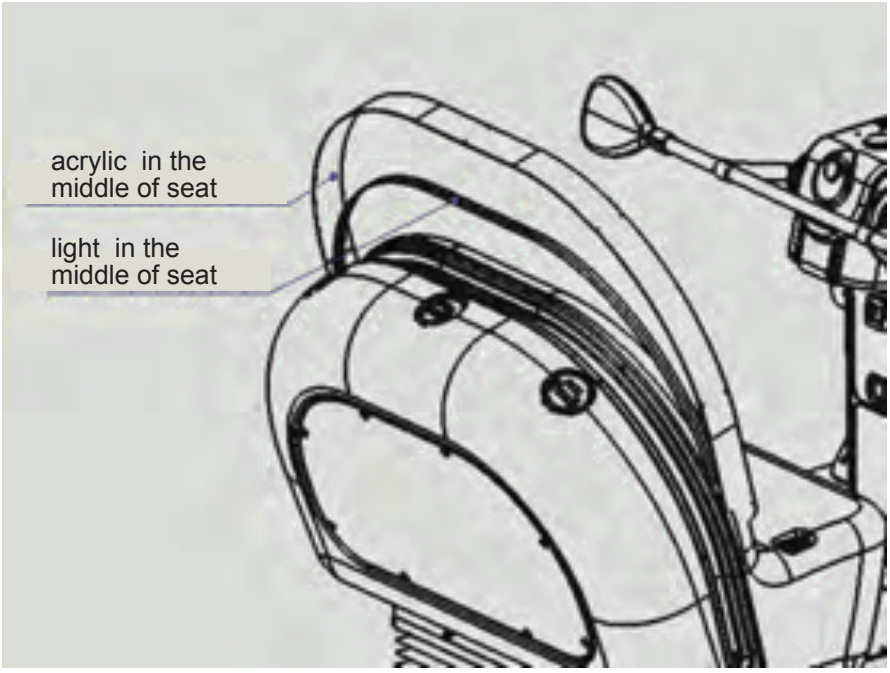
5.2.8 Replace solenoid valve

1、Remove the screws for front pedal of seat, and remove the front pedal;
2、After removing screws and pulling out wires, take out the solenoid valve assembly;
3、After replacement, assemble in reverse order.



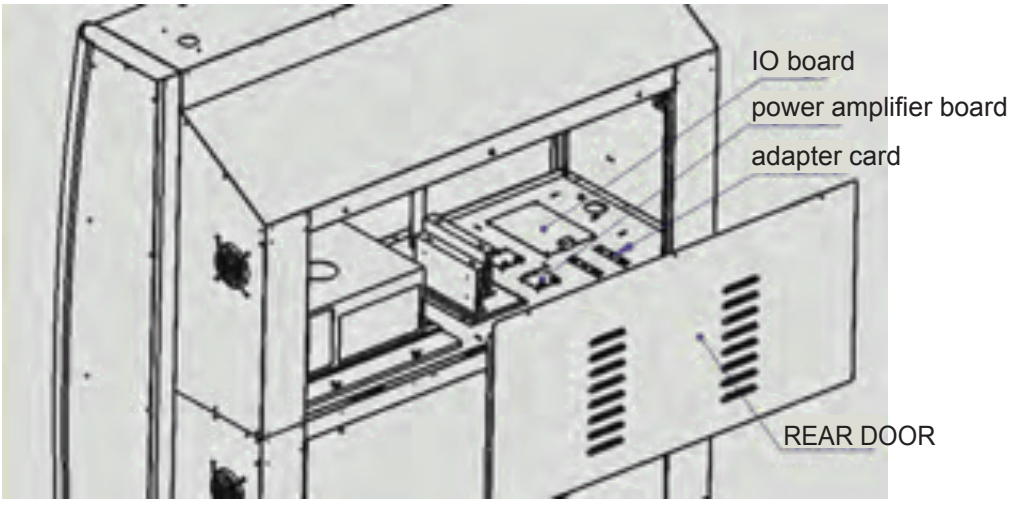
5.2.9 Replace light strip in the middle of seat

1、Remove the acrylic screws in the middle of seat, and remove the acrylic;
2、Replace the light strip, and connect the wires;
3、After replacement, assemble in reverse order.



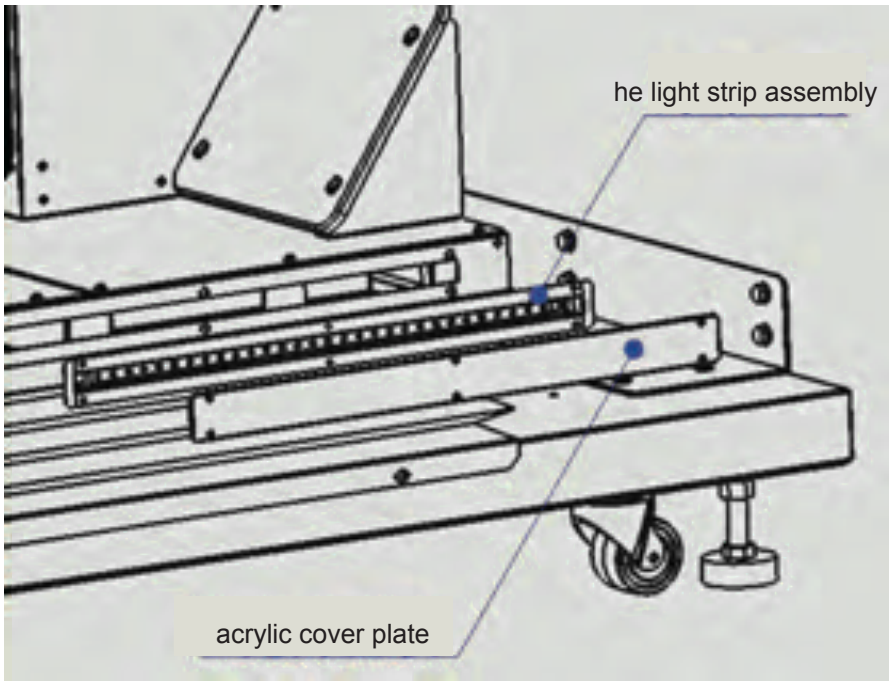
5.2.10 Replace the IO board, power amplifier board, and adapter card

1、Remove screws of upper rear door, and remove the upper rear door;
2、Remove the screws fixing IO board, power amplifier board and adapter card; after removing the connecting wires, remove the part to be replaced;
3、After replacement, assemble in reverse order.



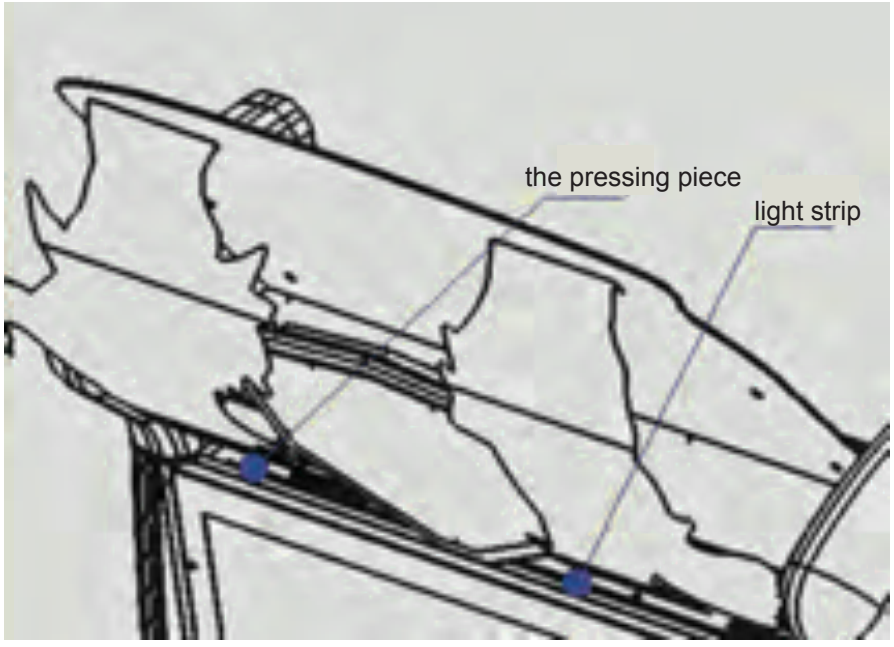
5.2.11 Replace light strips at two sides of vibrating base

1、Remove the fixing screws, and remove acrylic cover plate;
2、Take out the light strip assembly;
3、After removing the wires, replace the light strip;
4、After the replacement, connect the wires, and install it in reverse order.



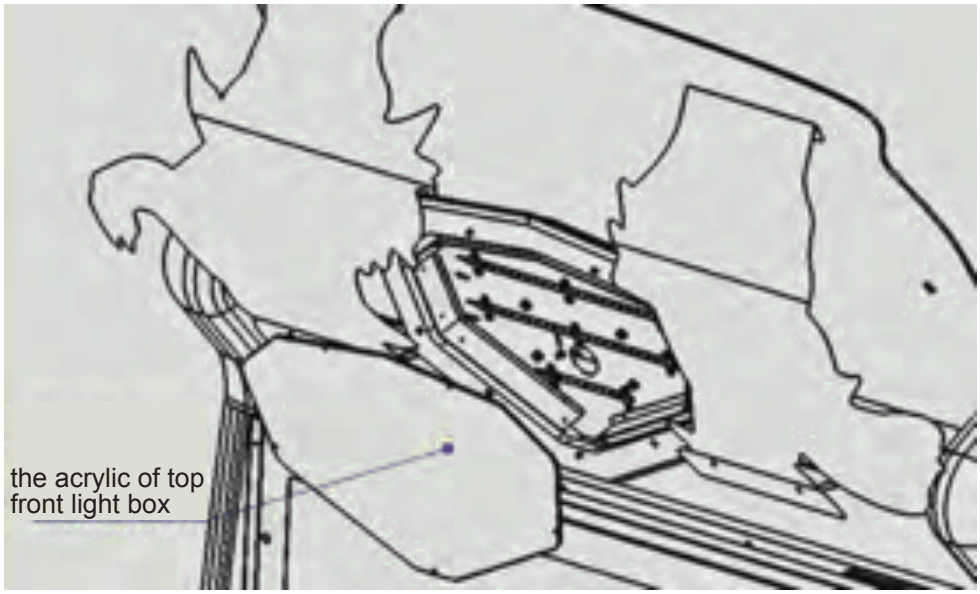
5.2.12 Replace light strip in front of light box

1、Remove the fixing screws, and remove the pressing piece;
2、After removing the wires, replace the light strip;
3、After the replacement, connect the wires, and install it in reverse order.



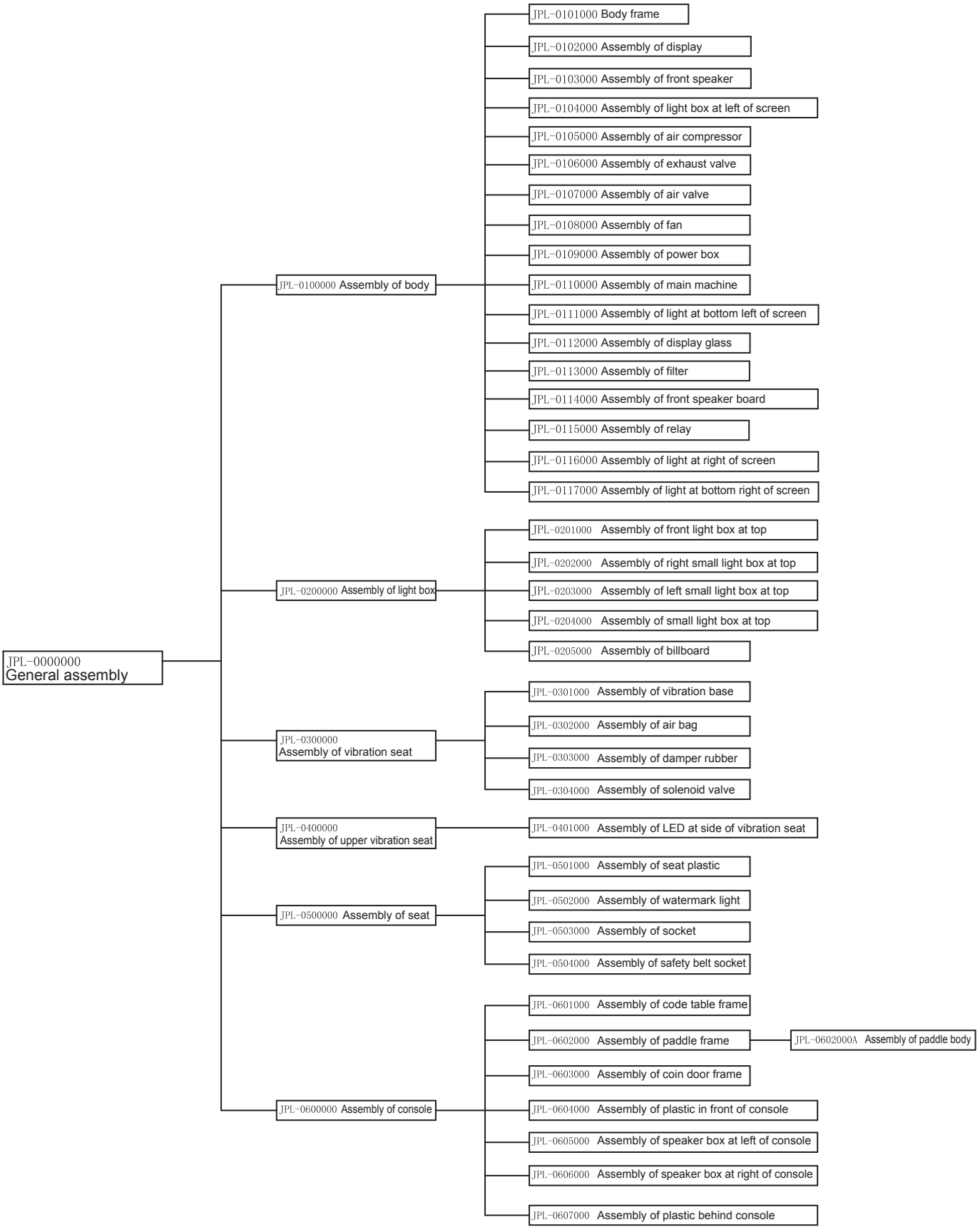
5.2.13 Replace light strip of top front light box

1、Remove the fixing screws, and remove the acrylic of top front light box;
2、Remove the screws, remove the pressing pieces, and replace the light strip;
3、After replacement, connect the wires, and install it in reverse order.

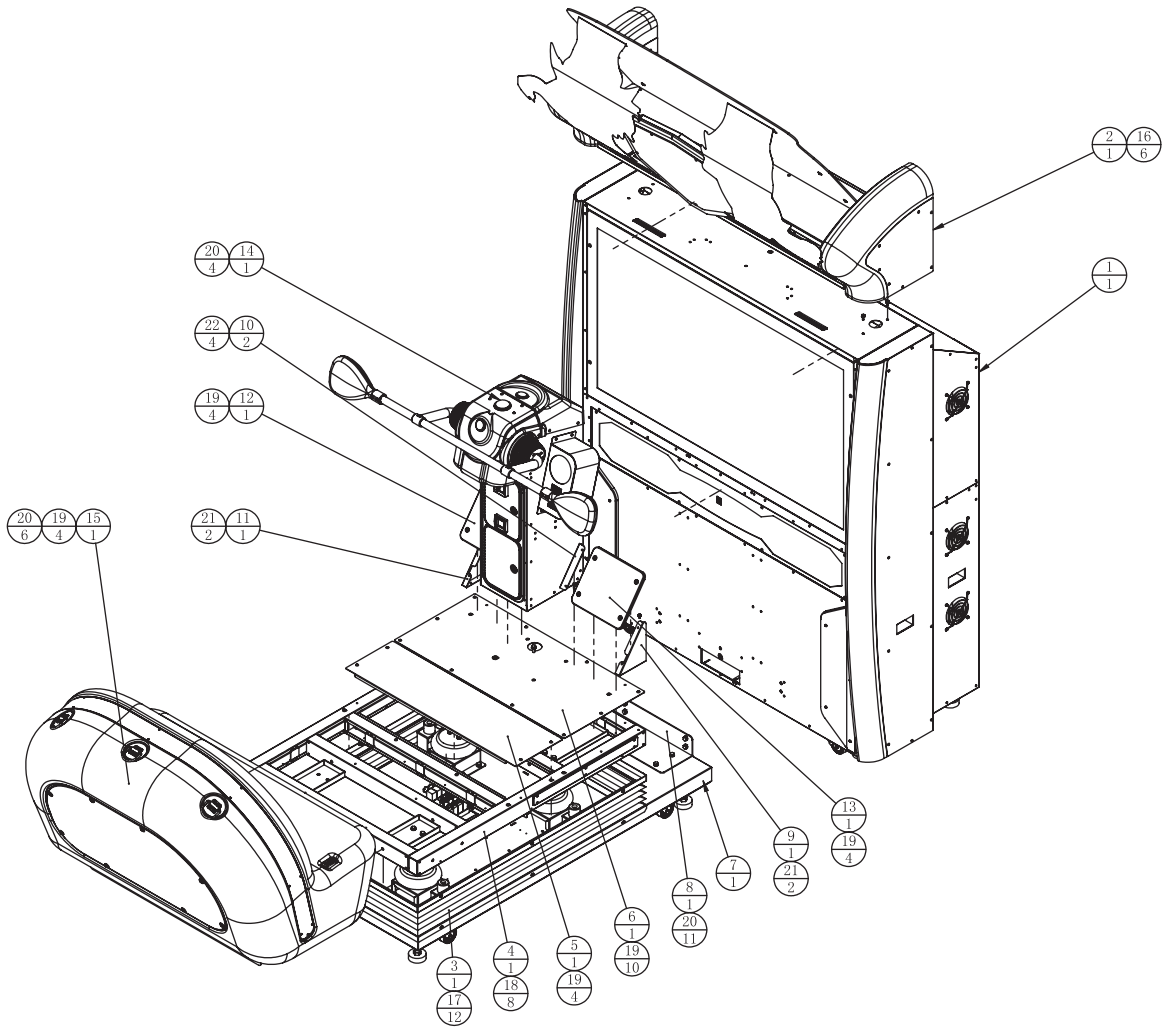


6. Assembly

6.1 Assembly tree diagram

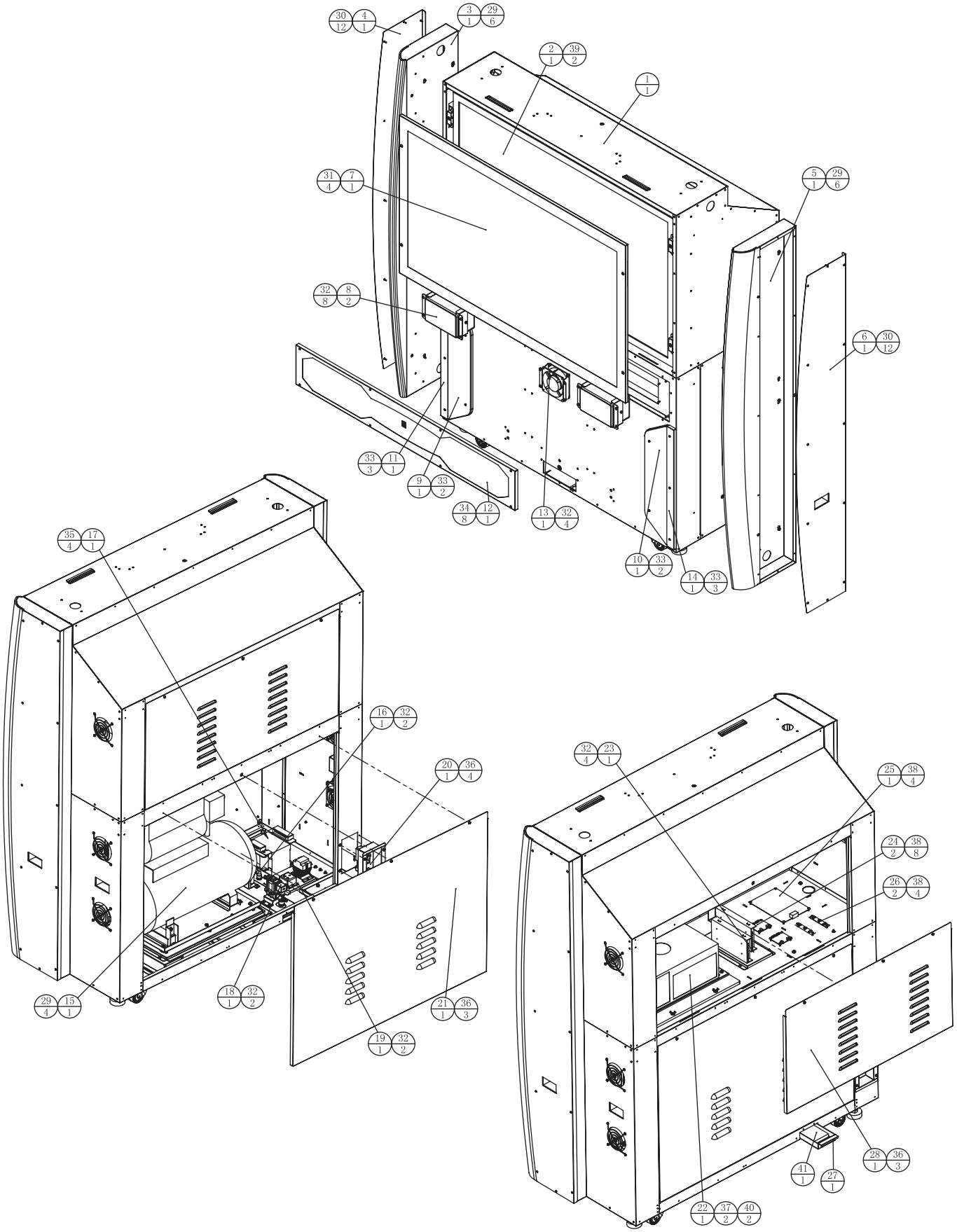


6.2 General assembly(JPL-0000000）



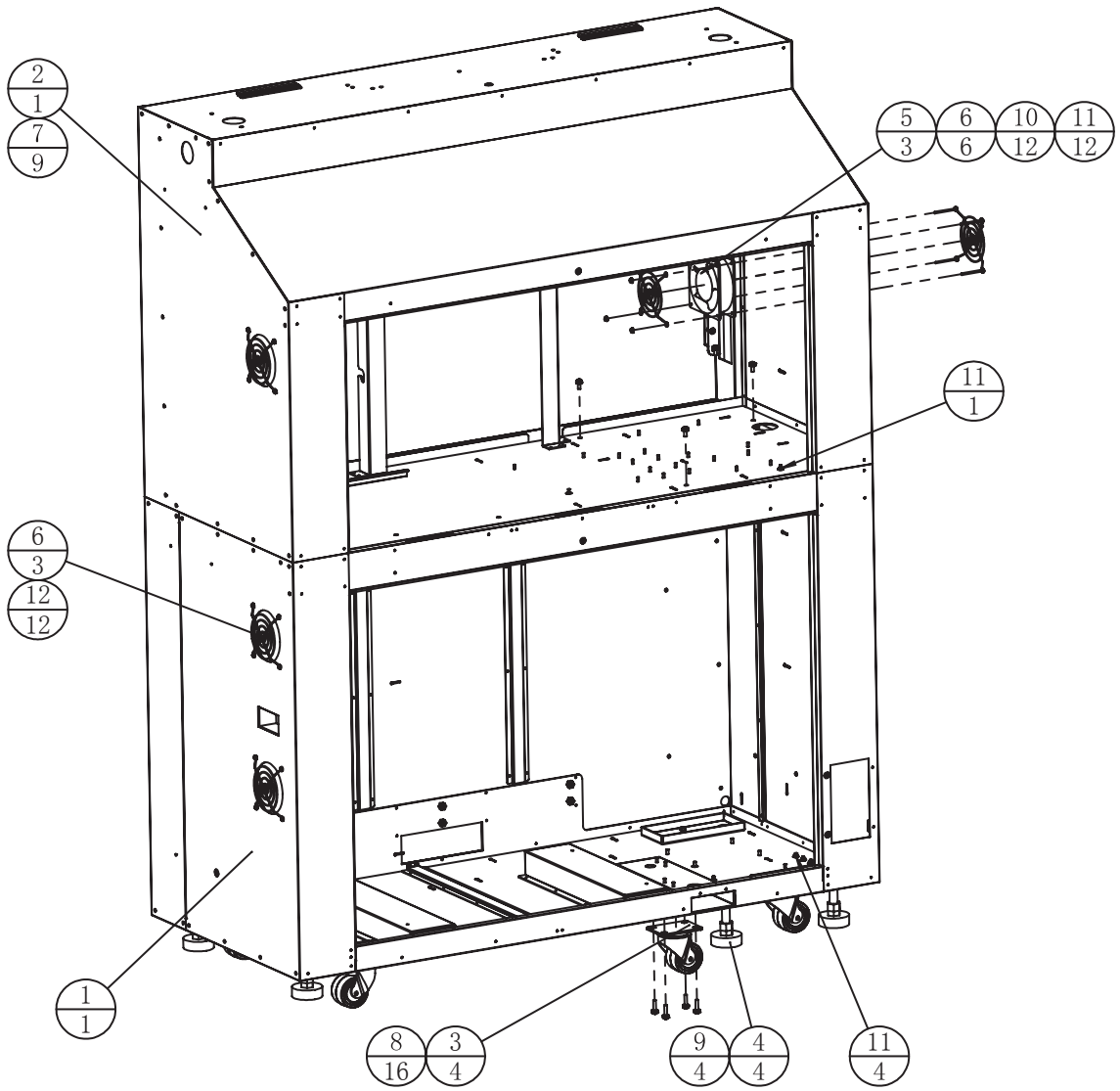
22		cross recessed fillister head three-combination screw	M4*12（chrome）	4	
21		cross recessed fillister head three-combination screw	M5*12（chrome）	4	
20		Hexagon triple combination	8*20*16*1.5(Black)	21	
19		hex socket cap screws	M5*12（chrome）	26	
18		Hexagon triple combination	8*16*16*1.5(Black)	8	
17		cross the big flat head screw	M5*12（Black）	12	
16		Hexagon triple combination	6*16*12*1.2(Black)	6	
15	JPL-0500000	Assembly of seat		1	
14	JPL-0600000	Assembly of console		1	
13	JPL-P0002	Acrylic force of right pedal	PMMA-10.0T	1	1.7.WX02A00050
12	JPL-P0001	Acrylic force of left pedal	PMMA-10.0T	1	1.7.WX02A00040
11	JPL-0000A06	Pedal acrylic fixing iron 2	SPCC-2.0T	1	1.1.WX02A00060
10	JPL-0000A07	Pedal acrylic fixing iron 3	SPCC-2.0T	2	1.1.WX02A00070
9	JPL-0000A05	Pedal acrylic fixing iron 1	SPCC-2.0T	1	1.1.WX02A00050
8	JPL-0000A04	Iron connection	SPCC-3.0T	1	1.1.WX02A00040
7	JPL-0300000	Assembly of vibration seat		1	
6	JPL-0000A03	Hardware under the console	SPCC-1.5T	1	1.1.WX02A00030
5	JPL-0000A01	Seat pedal		1	1.1.WX02A00010
4	JPL-0400000	Assembly of upper vibration seat		1	
3	JPL-0000A02	dust cover		1	1.1.WX02A00020
2	JPL-0200000	Assembly of light box		1	
1	JPL-0100000	Assembly of JPL-0100000 body		1	
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.3 Assembly of body(JPL-0100000)



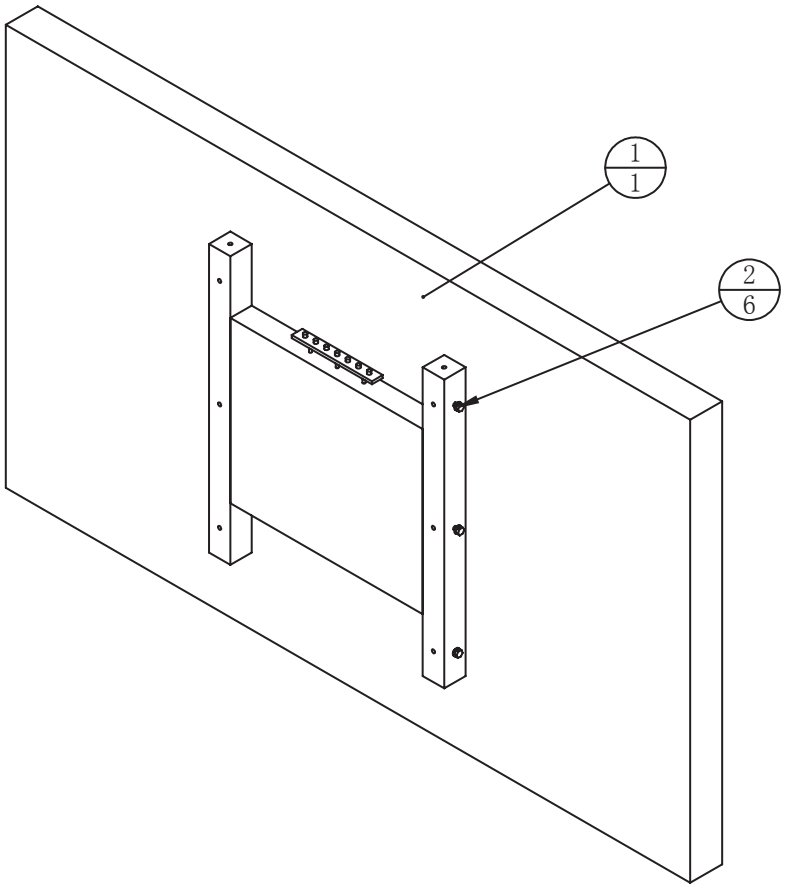
41	JPL-0100E01	Water absorbent sponge	Sponge	1	1.9.HM060430
40		plain washers	Φ4*Φ16*1.0（chrome）	2	
39		Hexagon triple combination	6*20*12*1.2(Black)	2	
38		cross recessed fillister head three-combination screw	M3*8（chrome）	16	
37		butterfly screws	M4*20（chrome）	2	
36		cross recessed fillister head three-combination screw	M4*8（chrome）	10	
35		hex head cap screw	M5（Colour）	4	
34		hex socket cap screws	M4*8（chrome）	8	
33		cross the big flat head screw	M4*20（chrome）	10	
32		hex head cap screw	M4（Colour）	22	
31		hex socket cap screws	M6*12（chrome）	4	
30		hex socket cap screws	M4*12（chrome）	24	
29		cross recessed fillister head three-combination screw	M5*12（chrome）	16	
28	JPL-0100A01	Back door	SPCC-1.2T	1	1.1.WX02A00080
27	JPL-0100A03	sink	SPCC-1.2T	1	1.1.WX02A00100
26		Lottery transfer card	T0439-00	2	1.4.BK200090
25		io board	GKP-2016-0914	1	1.4.IC900024
24		amplifier	Digital amp 2CH V2.0	2	1.4.GF100027
23	JPL-0109000	Assembly of power box		1	
22	JPL-0110000	Assembly of main machine		1	
21	JPL-0100A02	Rear lower door	SPCC-1.2T	1	1.1.WX02A00090
20	JPL-0113000	Assembly of filter		1	
19	JPL-0115000	Assembly of relay		1	
18	JPL-0107000	Assembly of air valve		1	
17		Single-phase control transformer	EI-133*100(H50 0.5MM)	1	1.4.BY305040
16	JPL-0106000	Assembly of exhaust valve		1	
15	JPL-0105000	Assembly of air compressor		1	
14	JPL-0117000	Assembly of light at bottom right of screen		1	
13	JPL-0108000	Assembly of fan		1	
12	JPL-0114000	Assembly of front speaker board		1	
11	JPL-0111000	Assembly of light at bottom left of screen		1	
10	JPL-P0004	Right side decoration under the screen	PMMA-12.0T	1	1.7.WX02A00070
9	JPL-P0003	Left decoration under the screen	PMMA-12.0T	1	1.7.WX02A00060
8	JPL-0103000	Assembly of front speaker		2	
7	JPL-0112000	Assembly of display glass		1	
6	JPL-0100A05	Screen right cover		1	1.1.WX02A00120
5	JPL-0116000	Assembly of light at right of screen		1	
4	JPL-0100A04	Screen left cover		1	1.1.WX02A00110
3	JPL-0104000	Assembly of light box at left of screen		1	
2	JPL-0102000	Assembly of display		1	
1	JPL-0101000	Body frame		1	
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.3.1 Body frame（JPL-0101000）



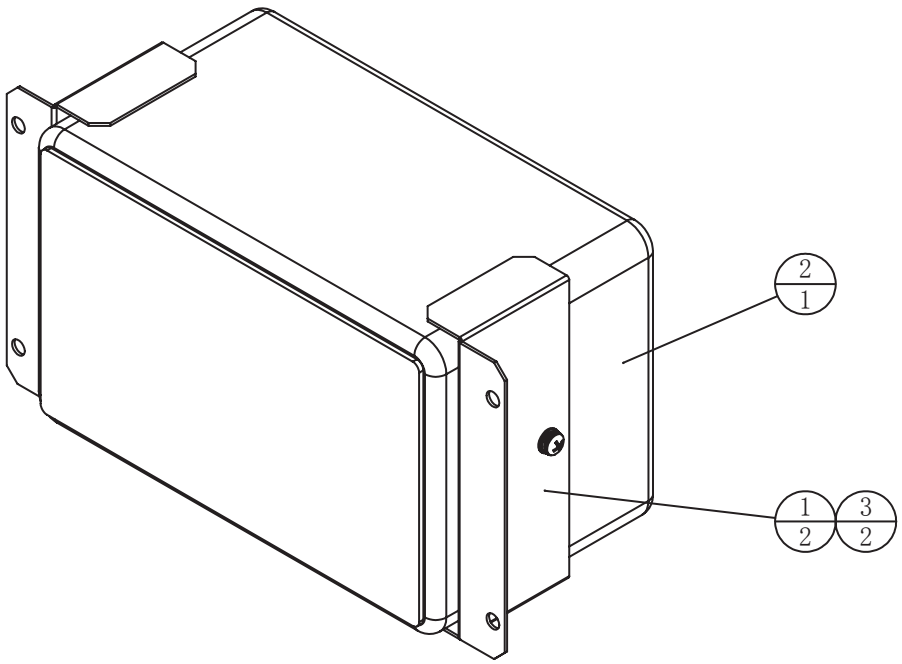
12		cross the big flat head screw	M4*8（chrome）	12	
11		hex head cap screw	M4（Colour）	17	
10		cross recessed cheese head screws	M4*50（chrome）	12	
9		hexagon nut	M16（Colour）	4	
8		cross recessed fillister head three-combination screw	M6*25（chrome）	16	
7		cross recessed fillister head three-combination screw	M6*16（chrome）	9	
6		fan cover	120*120	9	1.4.FS300020
5		fan with bearing	120*120/AC110V	3	1.4.FS200042
4		anchor bolt (rubber buttom)	M16*100(Colour)	4	1.6.LSV99014
3		casters	2.5 inch low center of gravity type	4	1.4.JL302520
2	JPL-0101A02	Upper frame of main body		1	1.1.WX02A00140
1	JPL-0101A01	Lower frame of main body		1	1.1.WX02A00130
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.3.2 Assembly of display（JPL-0102000）



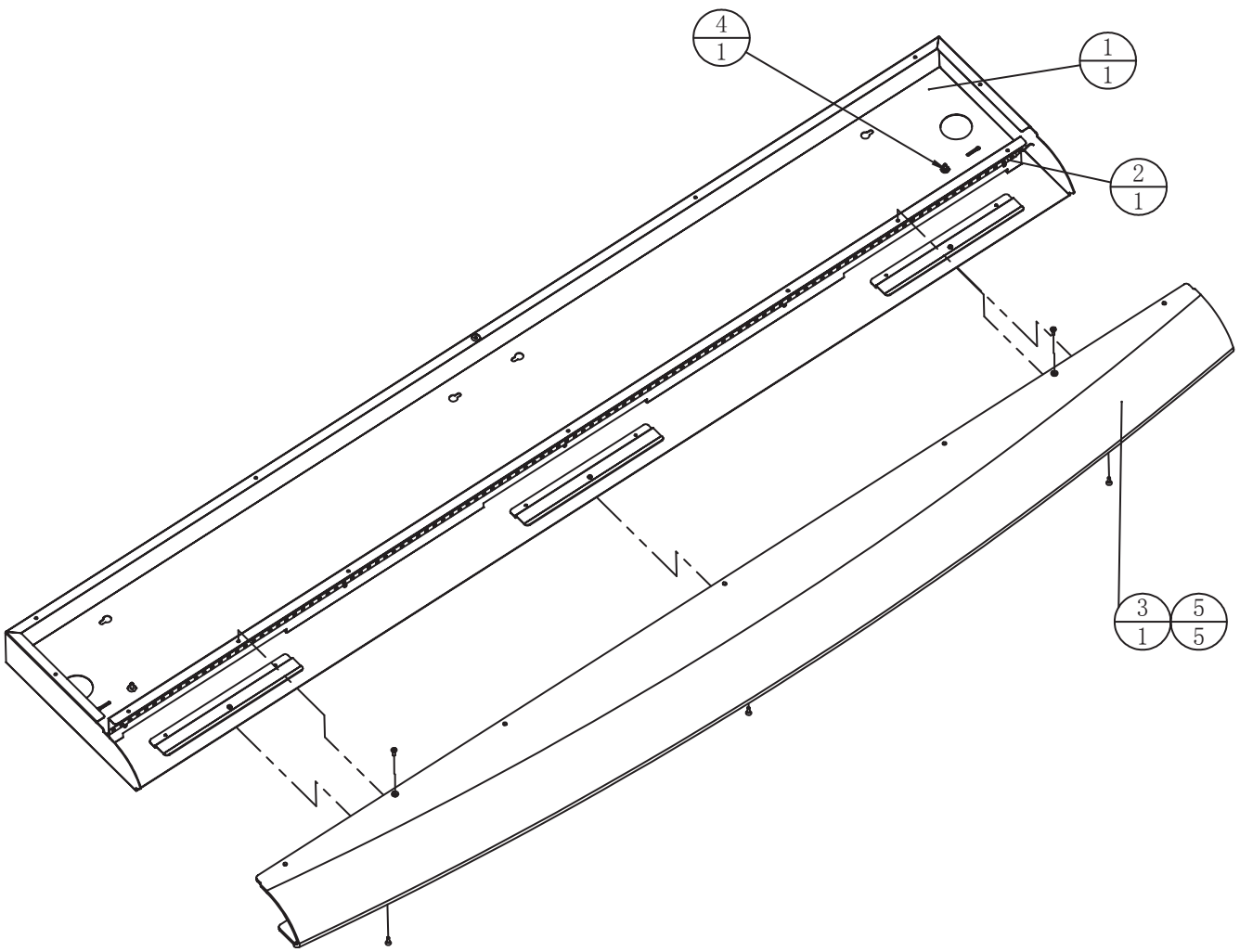
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
2		Hexagon triple combination	6*20*12*1.2(Black)	6	
1		Liquid crystal display	55〃LED	1	1.4.XS405563

6.3.3 Assembly of front speaker（JPL-0103000）



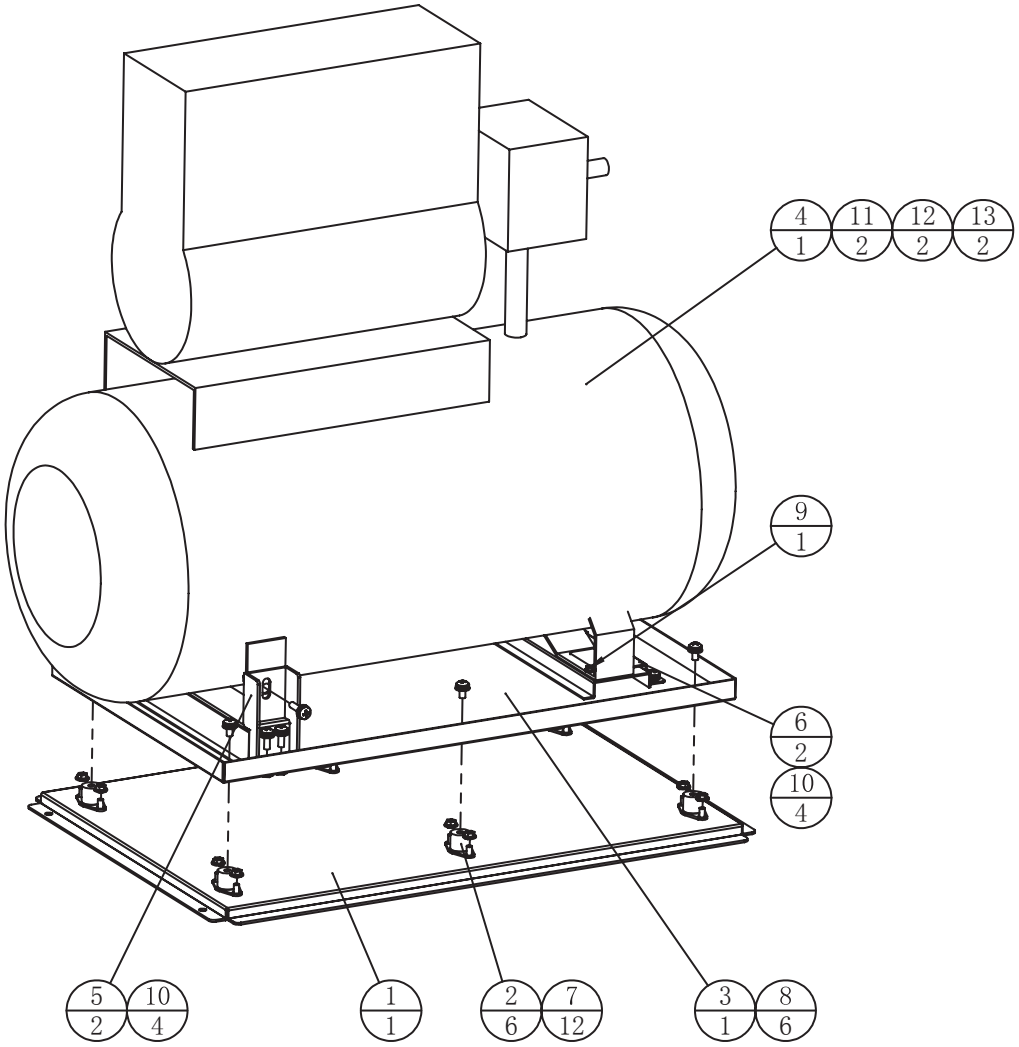
3		cross recessed fillister head three-combination screw	M4*12（chrome）	2	
2		loudspeaker 4"	4〃 4Ω 25W(JK-BX-96HW)	1	1.4.YSD00010
1	JPL-0103A01	speaker fixed iron	SECC-1.2T	2	1.1.WX02A00150
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.3.4 Assembly of light box at left of screen（JPL-0104000）



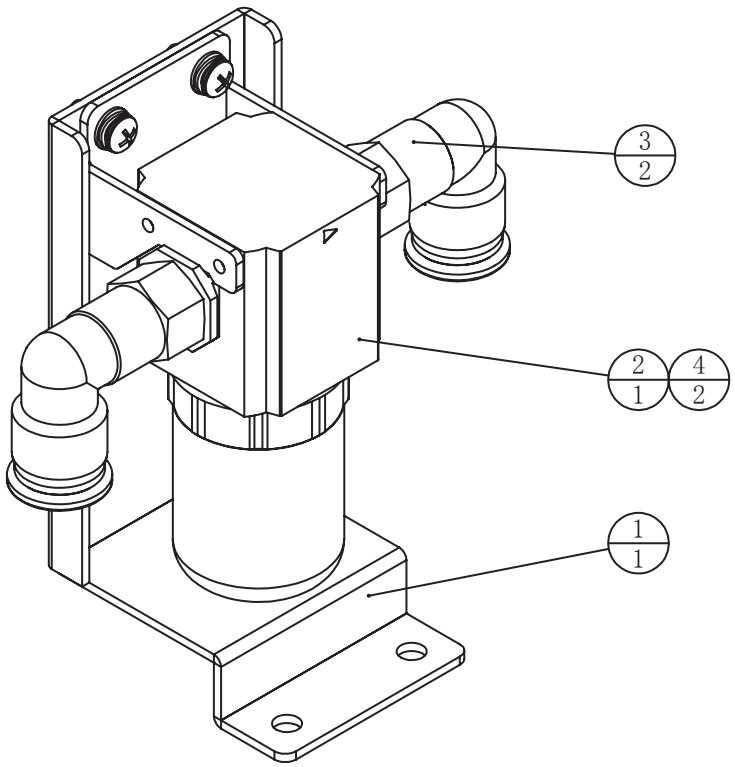
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
5		cross recessed countersunk head screws	M4*12（chrome）	5	
4		hex head cap screw	M4（Colour）	1	
3	JPL-0104C01	Two-sided plastic	white impact-resistant acrylic	1	1.8.WX02A00010
2		5050 strip light	DC12V RGB60 lampL=1650mm	1	1.4.ZM9E0092
1	JPL-0104A01	Light boxes on both sides of the screen		1	1.1.WX02A00160

6.3.5 Assembly of air compressor（JPL-0105000）



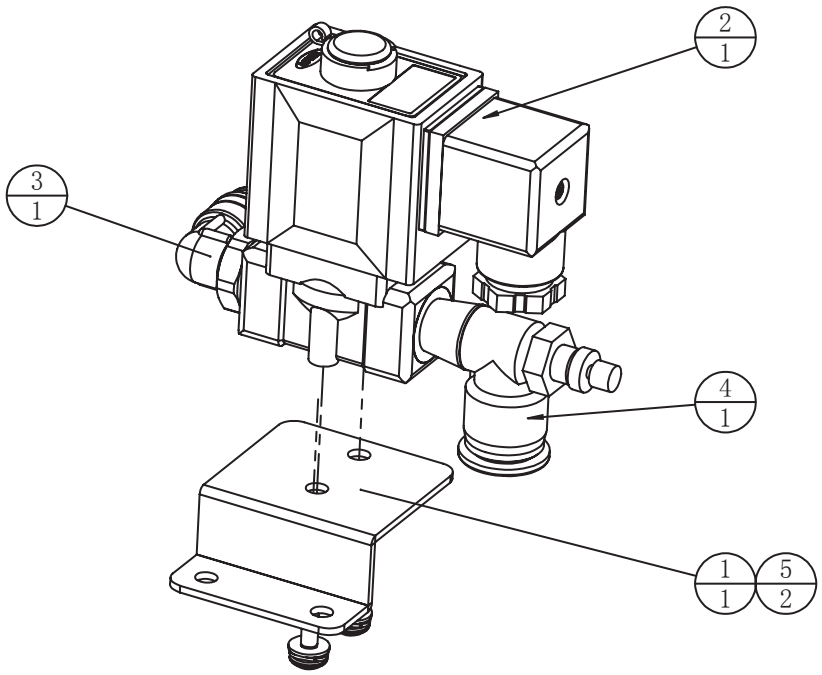
13		Self-Locking Nuts	M6（Galvanization）	2	
12		plain washers	Φ6*Φ20*2.0（chrome）	2	
11		cross recessed fillister head three-combination screw	M6*25（chrome）	2	
10		cross recessed fillister head three-combination screw	M6*16（chrome）	8	
9		hex head cap screw	M4（Colour）	1	
8		cross recessed fillister head three-combination screw	M6*12（chrome）	6	
7		hex head cap screw	M5（Colour）	12	
6	SRJ-0108A02	air compressor pressure iron	SPCC-1.5T	2	1.1.WA16E00120
5	SRH-0108A02	air compressor fixed iron	SPCC-2.5T	2	1.1.WA16C00230
4		air compressor	S10(AC220V)	1	1.4.KY100030
3	SRJ-0108A01	air compressor support set		1	1.1.WA16E00110
2		lanhe shaped foot shock		6	1.8.AA000250
1	JPL-0105A01	Air compressor base	SPCC-2.0T	1	1.1.WX02A00170
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.3.6 Assembly of exhaust valve（JPL-0106000）



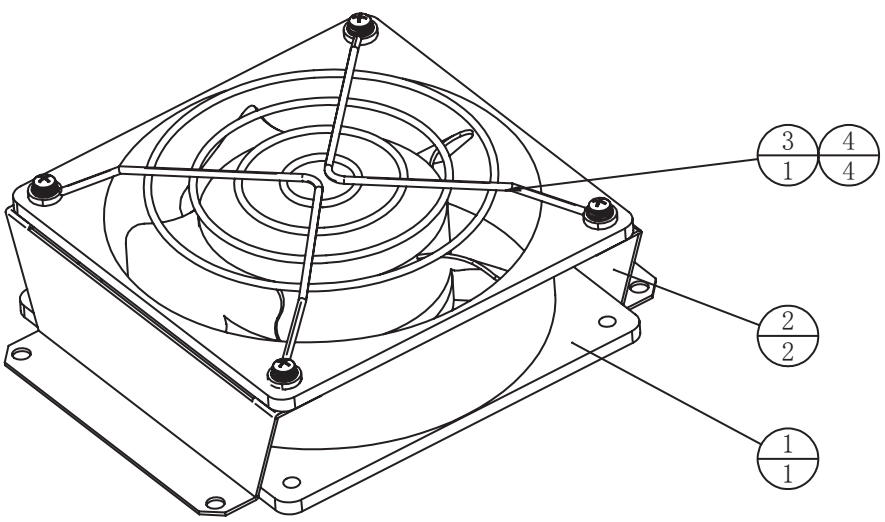
4		cross recessed fillister head three-combination screw	M4*12（chrome）	2	
3		I type screw thread connector	APL10-02	2	1.4.JG072110
2		Clean Air Conponent	GF200-08	1	1.4.LB200020
1	JPL-0106A01	Exhaust valve bracket	SECC-2.0T	1	1.1.WX02A00180
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.3.7 Assembly of air valve（JPL-0107000）



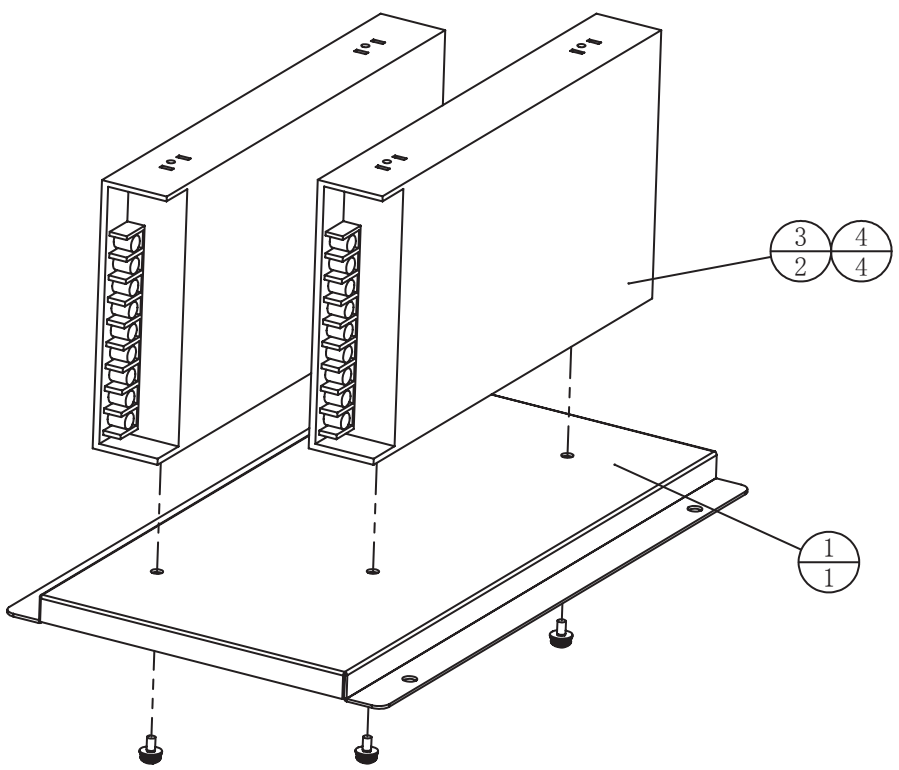
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
5		cross recessed fillister head three-combination screw	M5*12（chrome）	2	
4		one-way throttle valve - pipe connector	ASL10-04B	1	1.4.JG09A020
3		I type screw thread connector	APL10-04	1	1.4.JG072100
2		fluids control valve	2KW050-15-F	1	1.4.JG09A040
1	JPL-0107A01	Air valve bracket	SECC-2.0T	1	1.1.WX02A00190

6.3.8 Assembly of fan（JPL-0108000）



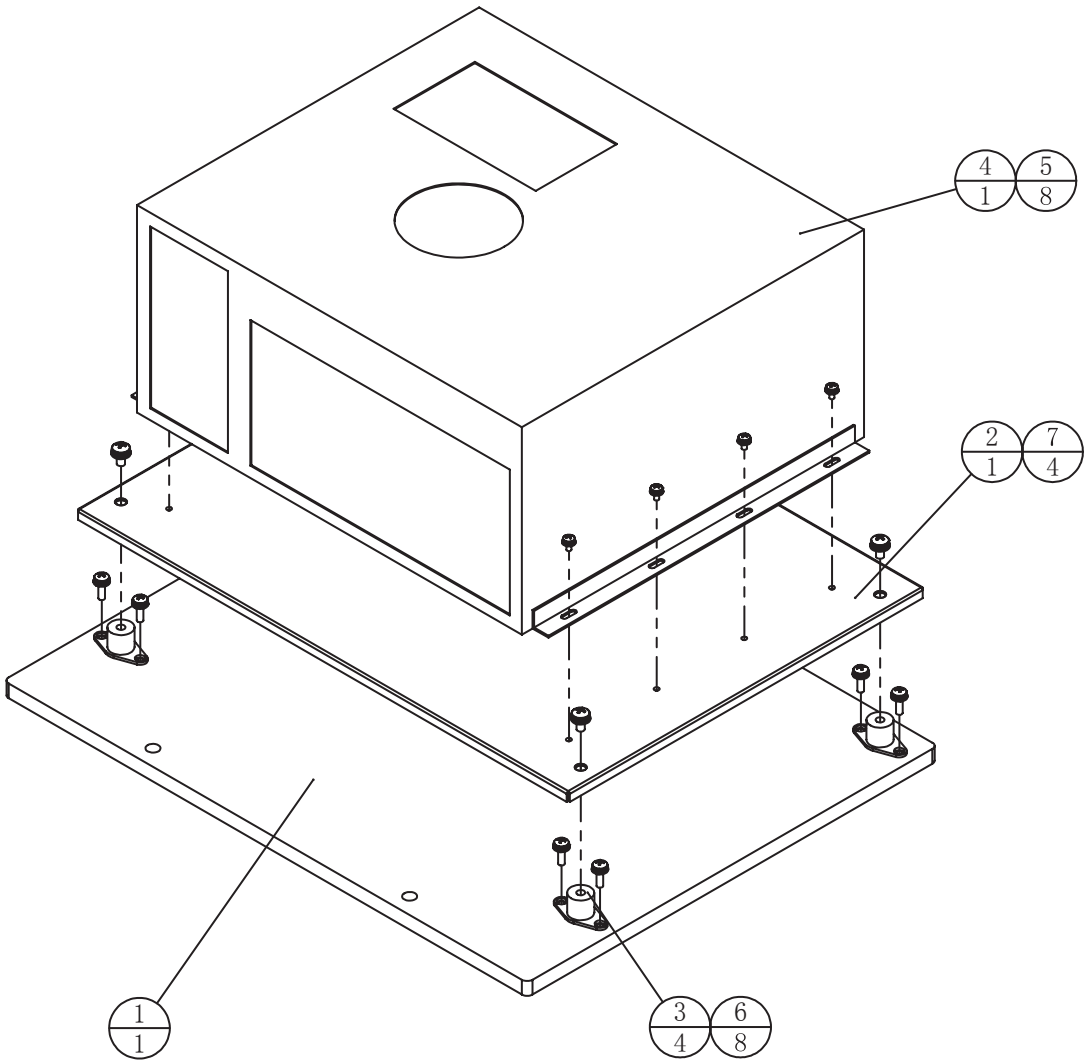
4		cross recessed fillister head three-combination screw	M3*12（chrome）	4	
3		fan cover	120*120	1	1.4.FS300020
2	vbp-01-14-01	fan bracket	SECC-1.0T	2	1.1.IG13A00280
1		fan with bearing	120*120/AC110V	1	1.4.FS200042
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.3.9 Assembly of power box（JPL-0109000）



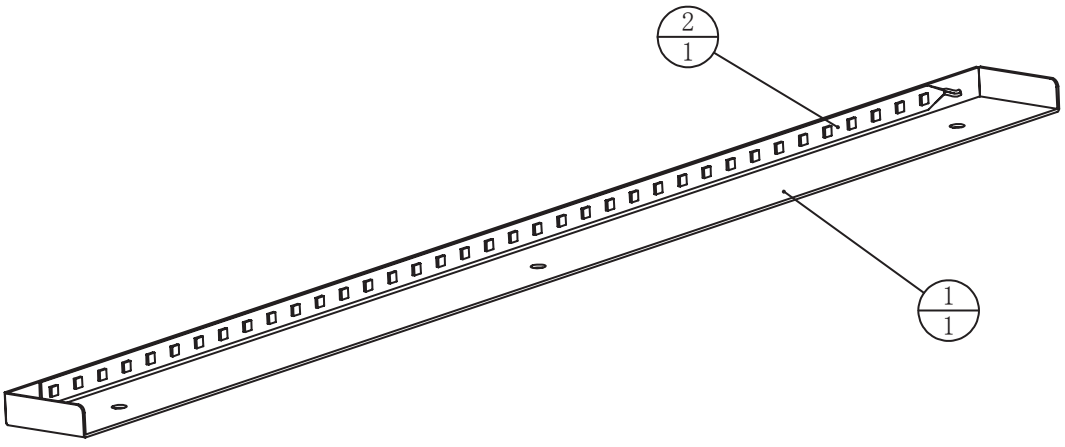
3		cross recessed fillister head three-combination screw	M4*8（chrome）	4	
2		power supply	LRS-200-12	2	1.4.DY170100
1	JPL-0109A01	power supply fixed plate	SECC-1.2T	1	1.1.WX02A00200
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.3.10 Assembly of main machine（JPL-0110000）



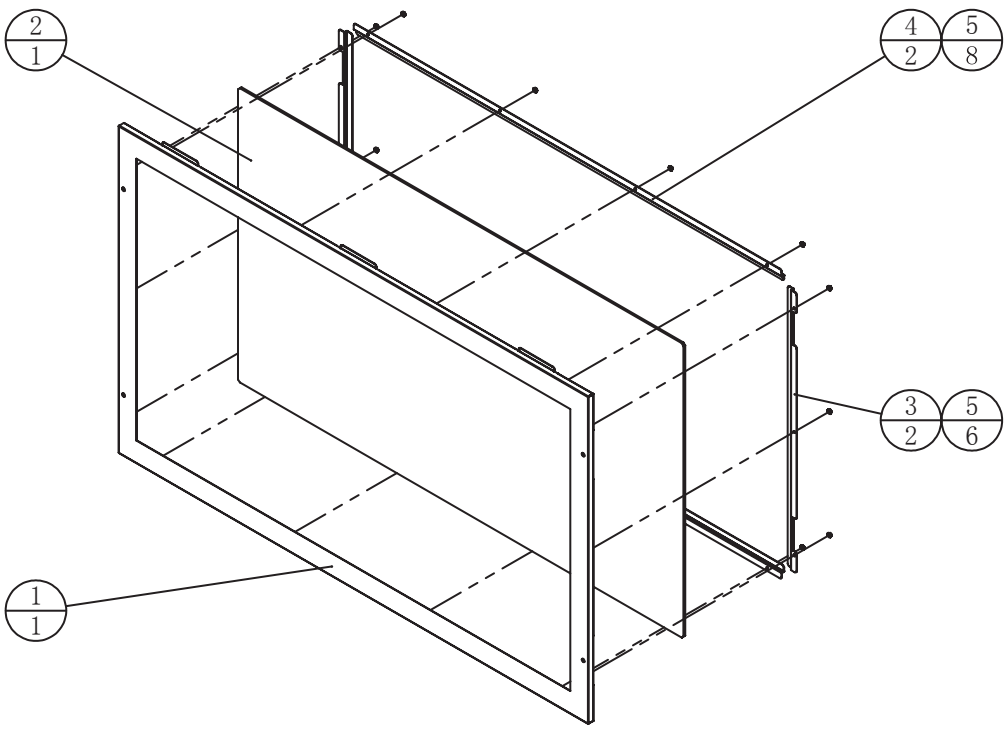
7		cross recessed fillister head three-combination screw	M6*12（chrome）	4	
6		cross recessed fillister head three-combination screw	M5*16（chrome）	8	
5		cross recessed fillister head three-combination screw	M4*8（chrome）	8	
4		IPC	IPC-WL002-3470	1	1.4.ZJ010034
3		lanhe shaped foot shock		4	1.8.AA000250
2	JPL-0110A01	main pc set fixed iron	SECC-1.5T	1	1.1.WX02A00210
1	JPL-0110B01	main pc set mounted wooden plate	MDF-12.0T	1	1.2.WX02A00010
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.3.11 Assembly of light at bottom left of screen（JPL-0111000）



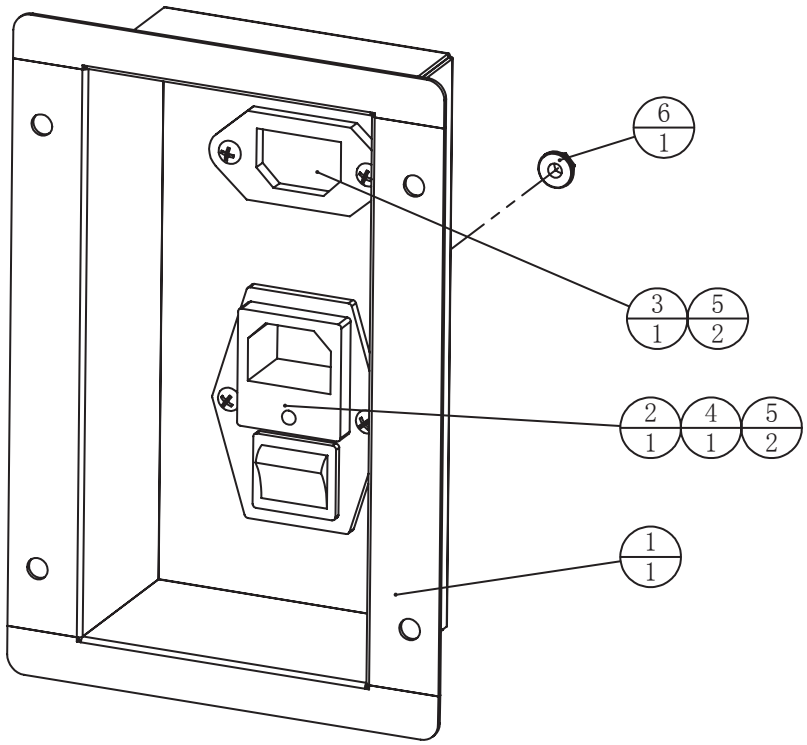
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
2		5050 strip light	DC12V White60 lampL=550mm	1	1.4.ZM9E0605
1	JPL-0111A01	Acrylic iron on both sides	SPCC-1.2T	1	1.1.WX02A00220

6.3.12 Assembly of display glass（JPL-0112000）



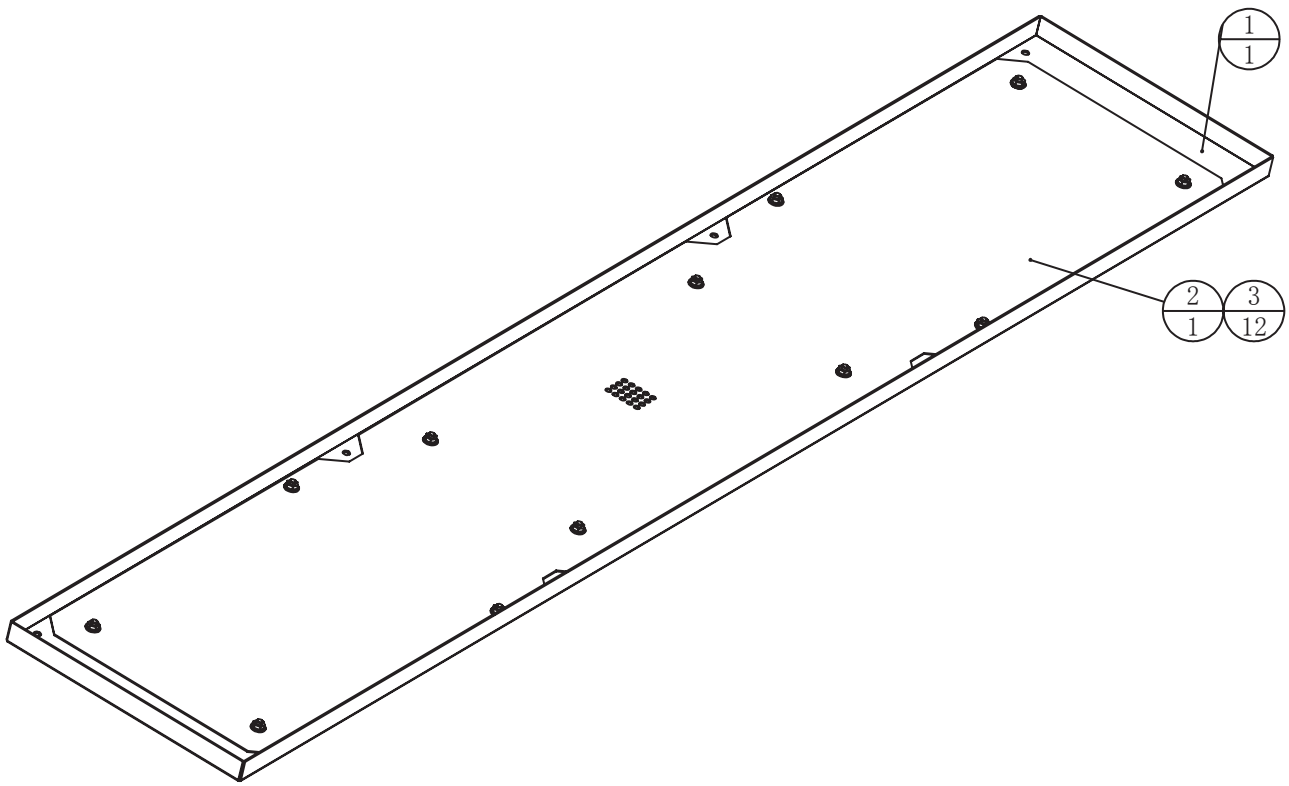
5		hex head cap screw	M4（Colour）	14	
4	JPL-0112A03	Display glass strip 2	SPCC-1.2T	2	1.1.WX02A00250
3	JPL-0112A02	Display glass strip 1	SPCC-1.2T	2	1.1.WX02A00240
2	WAH-0000C09	55"led glass a	glass-5.0T	1	1.8.AA030090
1	JPL-0112A01	Display glass holder	SPCC-1.2T	1	1.1.WX02A00230
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.3.13 Assembly of filter（JPL-0113000）



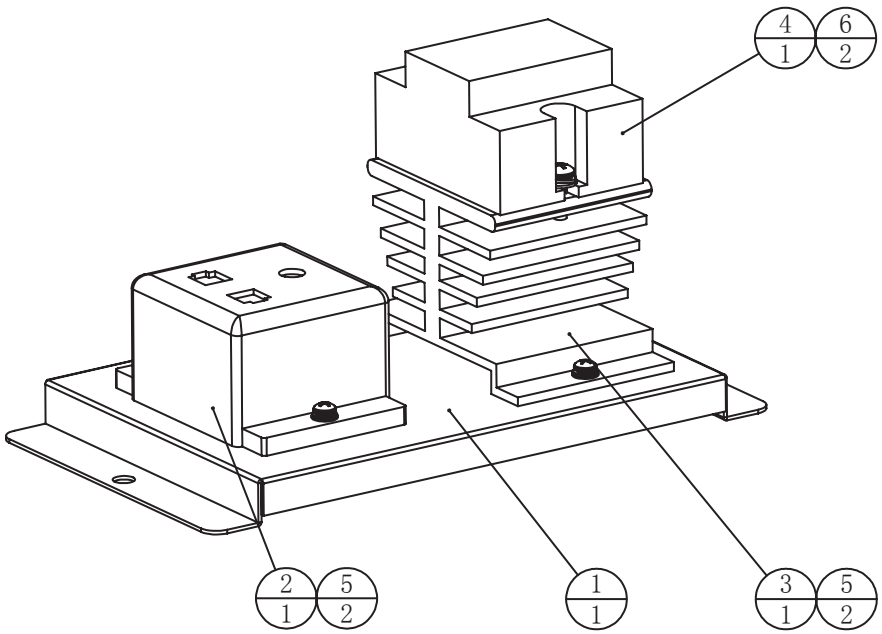
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
6		hex head cap screw	M4（Colour）	1	
5		cross the big flat head screw	M3*8（chrome）	4	
4		fuse tube	F6A/5*20 250V	1	1.4.BX106020
3		filter	YB11A2-15A-Q	1	1.4.LB100080
2		filter with switch	YB11C1-10A-Q	1	1.4.LB100090
1	JPL-0113A01	power supply	SPCC-1.2T	1	1.1.WX02A00260

6.3.14 Assembly of front speaker board（JPL-0114000）



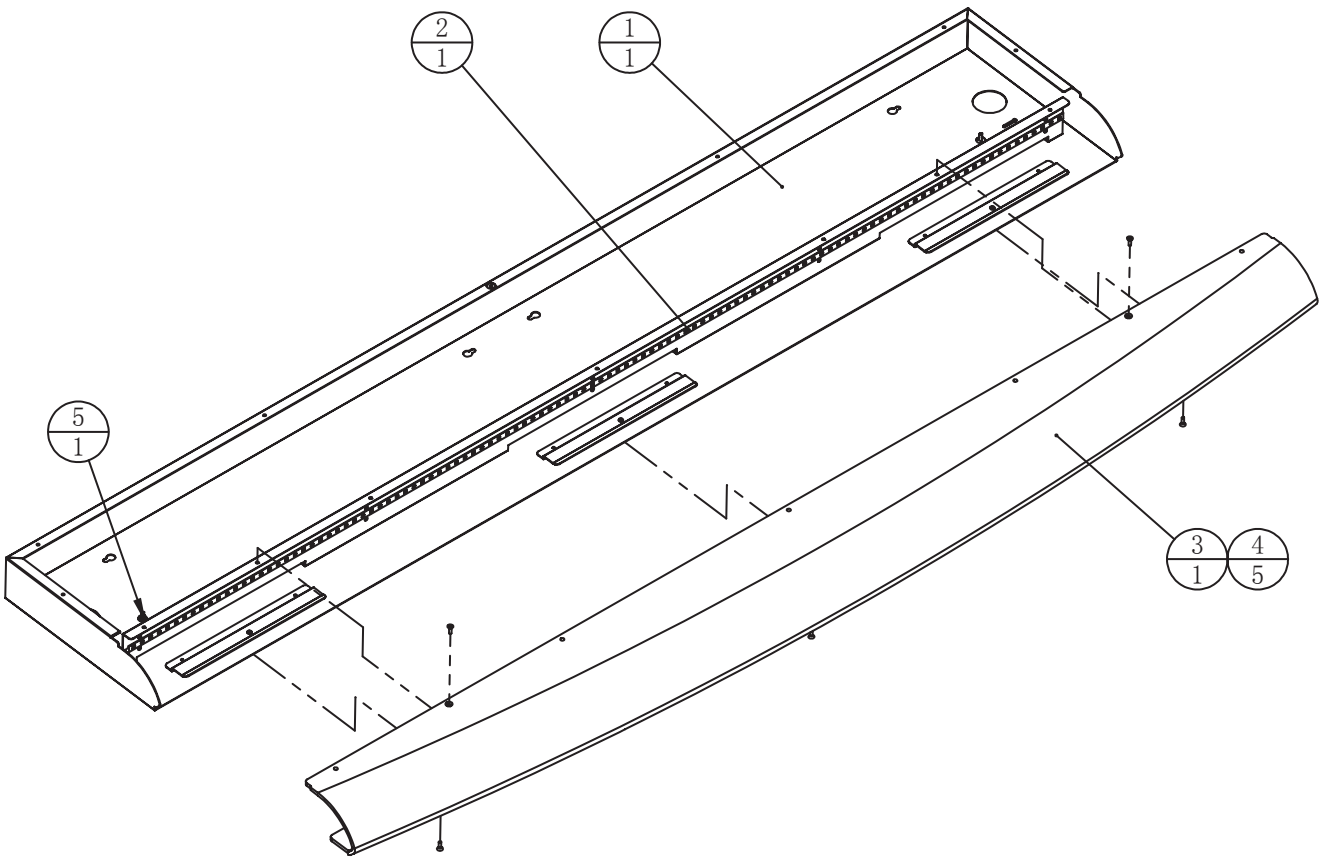
3		hex head cap screw	M4（Colour）	12	
2	JPL-0114A02	Front horn plate 2	screen-0.8T	1	1.1.WX02A00280
1	JPL-0114A01	Front horn plate 1	SPCC-1.2T	1	1.1.WX02A00270
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.3.15 Assembly of relay（JPL-0115000）



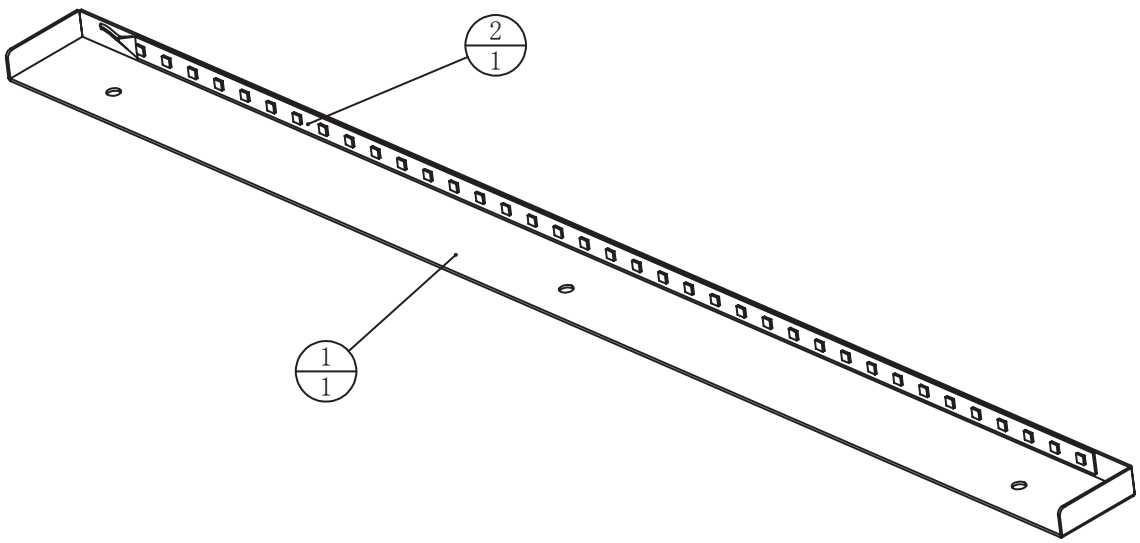
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
6		cross recessed fillister head three-combination screw	M4*12（chrome）	2	
5		cross recessed fillister head three-combination screw	M3*12（chrome）	4	
4		Single-phase solid state relay	KSI380D40R-L	1	1.4.DC200150
3		Solid state relay special radiator	KHS-1A	1	1.4.DC200140
2		Exposed a multi-purpose socket	20A/250V	1	1.4.IC220020
1	JPL-0115A01	Relay fixed iron	SECC-1.0T	1	1.1.WX02A00290

6.3.16 Assembly of light at right of screen（JPL-0116000）



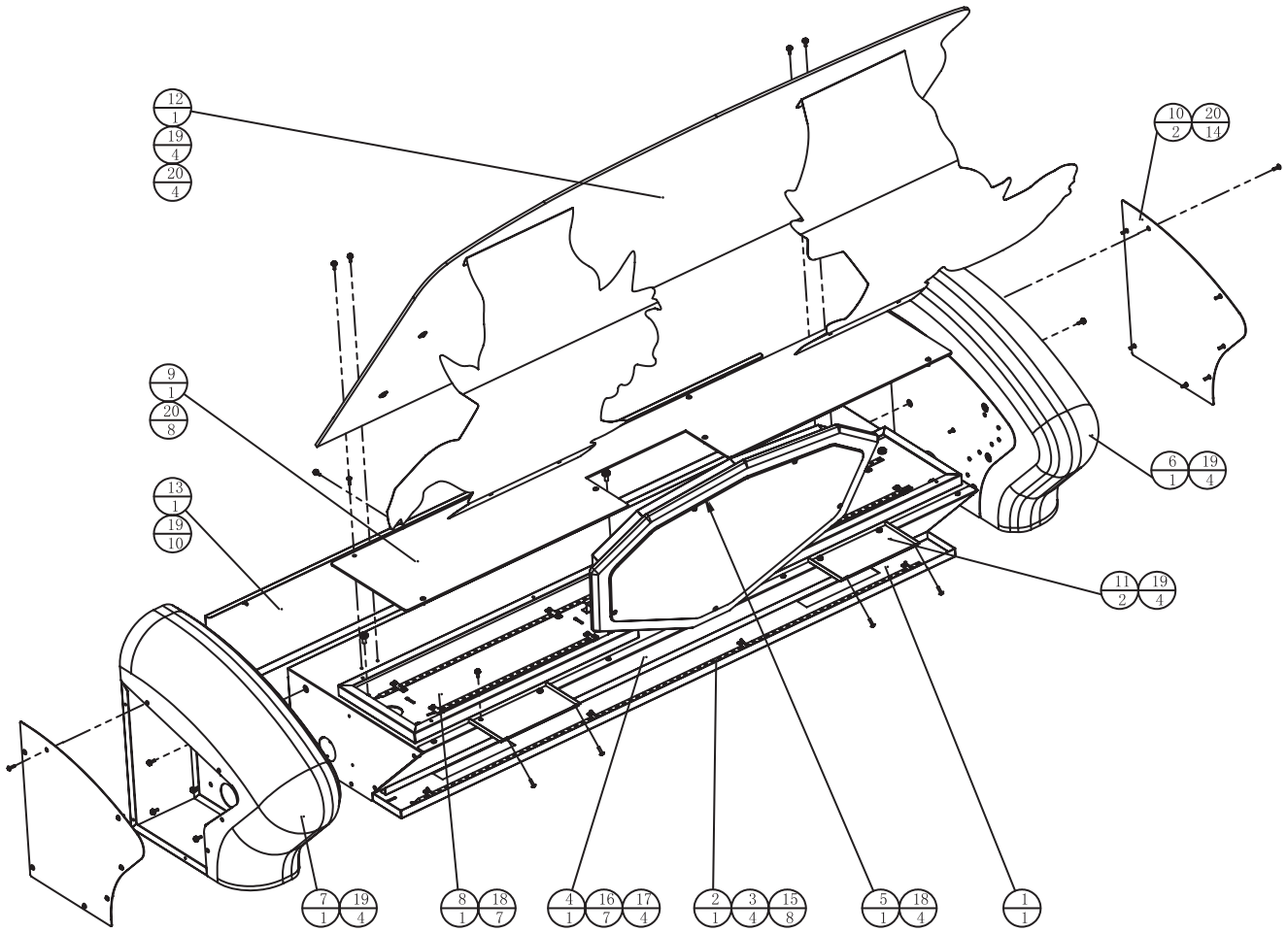
No.	Draw No.	Name	Material/Spec.		Product Code
5		hex head cap screw	M4（Colour）	1	
4		cross recessed countersunk head screws	M4*12（chrome）	5	
3	JPL-0104C01	Two-sided plastic	white impact-resistant acrylic	1	1.8.WX02A00010
2		5050 strip light	DC12V RGB60 lampL=1650mm	1	1.4.ZM9E0092
1	JPL-0104A01	Light boxes on both sides of the screen		1	1.1.WX02A00160

6.3.17 Assembly of light at bottom right of screen（JPL-0117000）



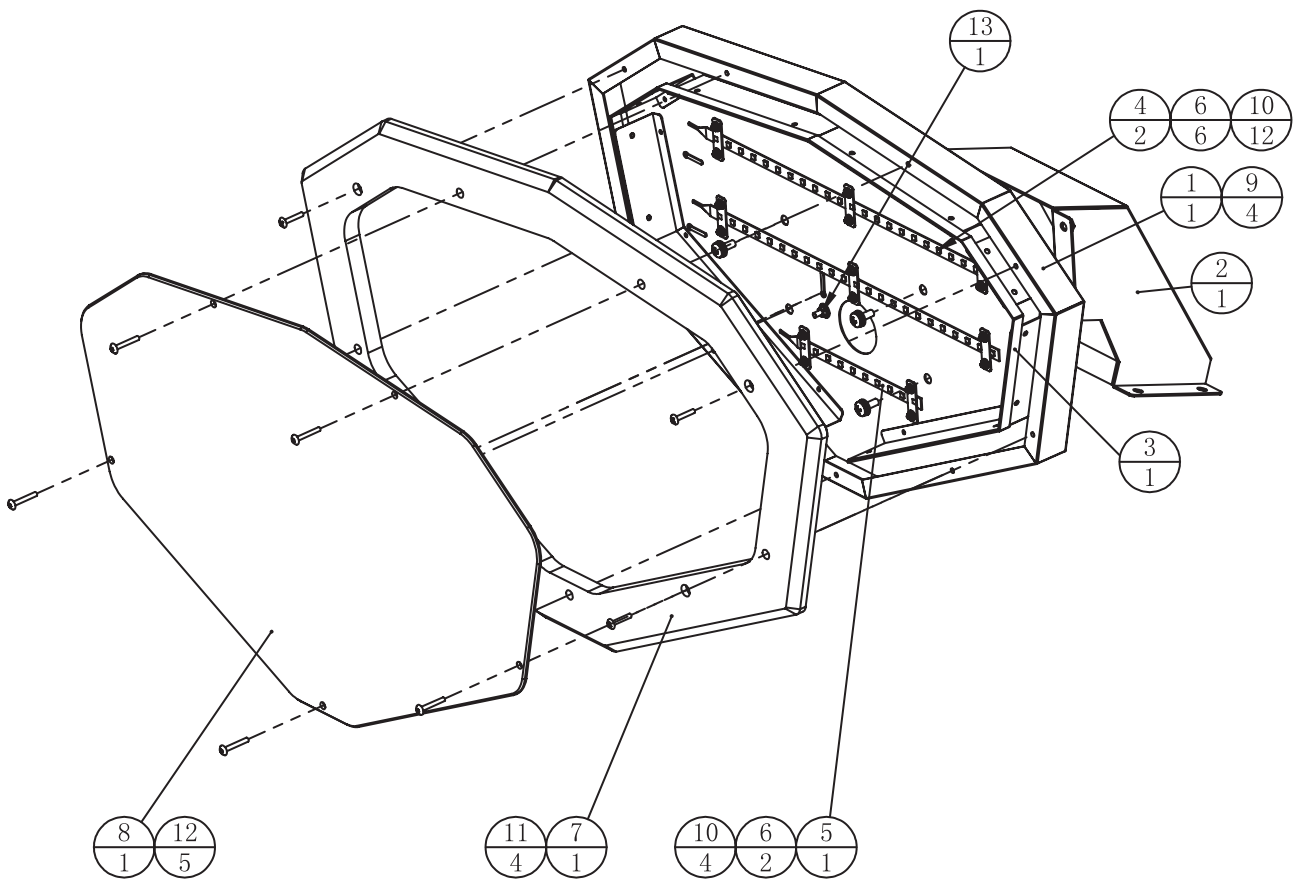
2		5050 strip light	DC12V White60 lampL=550mm	1	1.4.ZM9E0605
1	JPL-0111A01	Acrylic iron on both sides	SPCC-1.2T	1	1.1.WX02A00220
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.4 Assembly of light box（JPL-0200000）



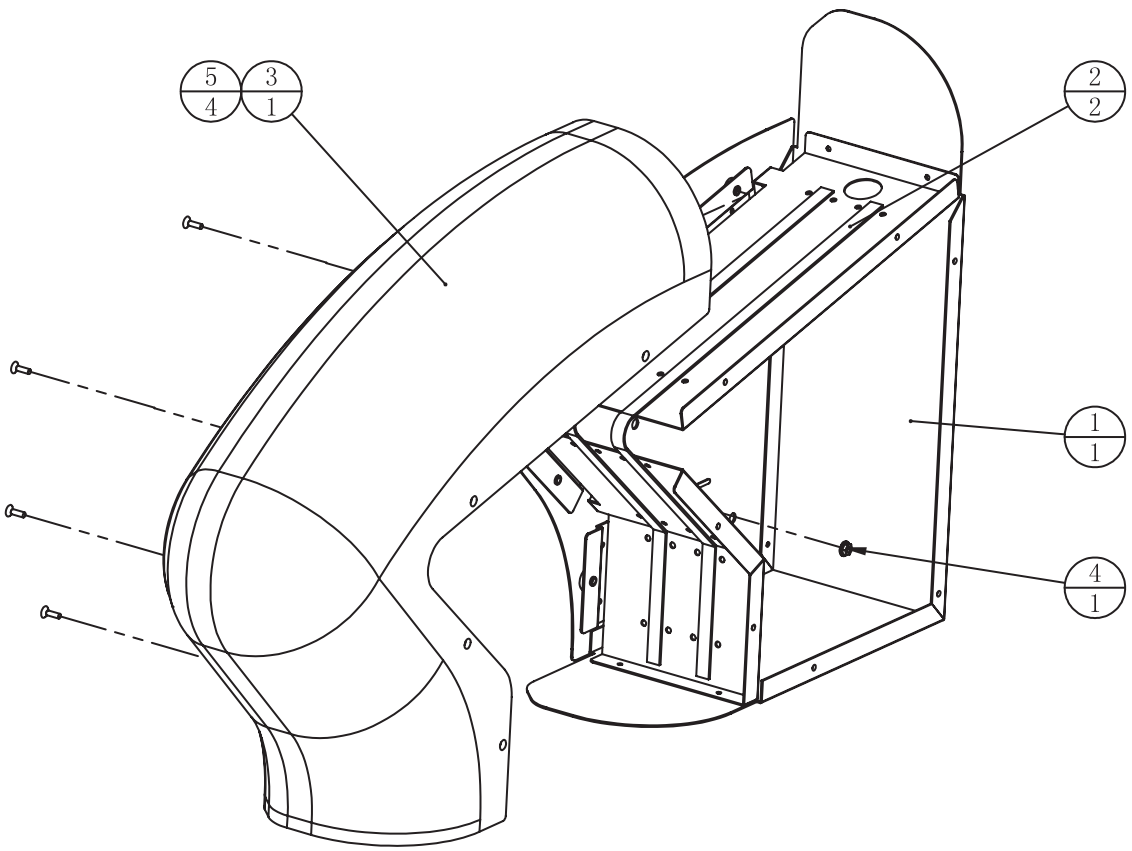
20		hex socket cap screws	M4*12（chrome）	26	
19		cross recessed fillister head three-combination screw	M4*12（chrome）	26	
18		cross recessed fillister head three-combination screw	M6*16（chrome）	11	
17		cross recessed fillister head three-combination screw	M3*8（chrome）	4	
16		cross recessed countersunk head screws	M3*10（chrome）	7	
15		hex head cap screw	M3（Colour）	8	
14		hex head cap screw	M4（Colour）	1	
13	JPL-0200A02	Top light box rear cover	SPCC-1.0T	1	1.1.WX02A00310
12	JPL-0205000	Assembly of billboard		1	
11	JPL-0200A05	PVC fixed iron	SUS304-1.0T	2	1.1.WX02A00340
10	JPL-0200A03	Light box side cover	SPCC-1.2T	2	1.1.WX02A00320
9	JPL-0200D01	Top small light box acrylic	PMMA-3.0T	1	1.7.WX02A00010
8	JPL-0204000	Assembly of small light box at top		1	
7	JPL-0203000	Assembly of left small light box at top		1	
6	JPL-0202000	Assembly of right small light box at top		1	
5	JPL-0201000	Assembly of front light box at top		1	
4	JPL-0200A04	Top light box	SUS430-1.0T	1	1.1.WX02A00330
3	ME-0508D03	model name box led lights with tablet	PVC-1.0T	4	1.7.IG22B00510
2		5050 strip light(with transparent sheath)	DC12V blue 60 lampL=1100mm	1	1.4.ZM9E2360
1	JPL-0200A01	Top light box support		1	1.1.WX02A00300
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.4.1 Assembly of front light box at top（JPL-0201000）



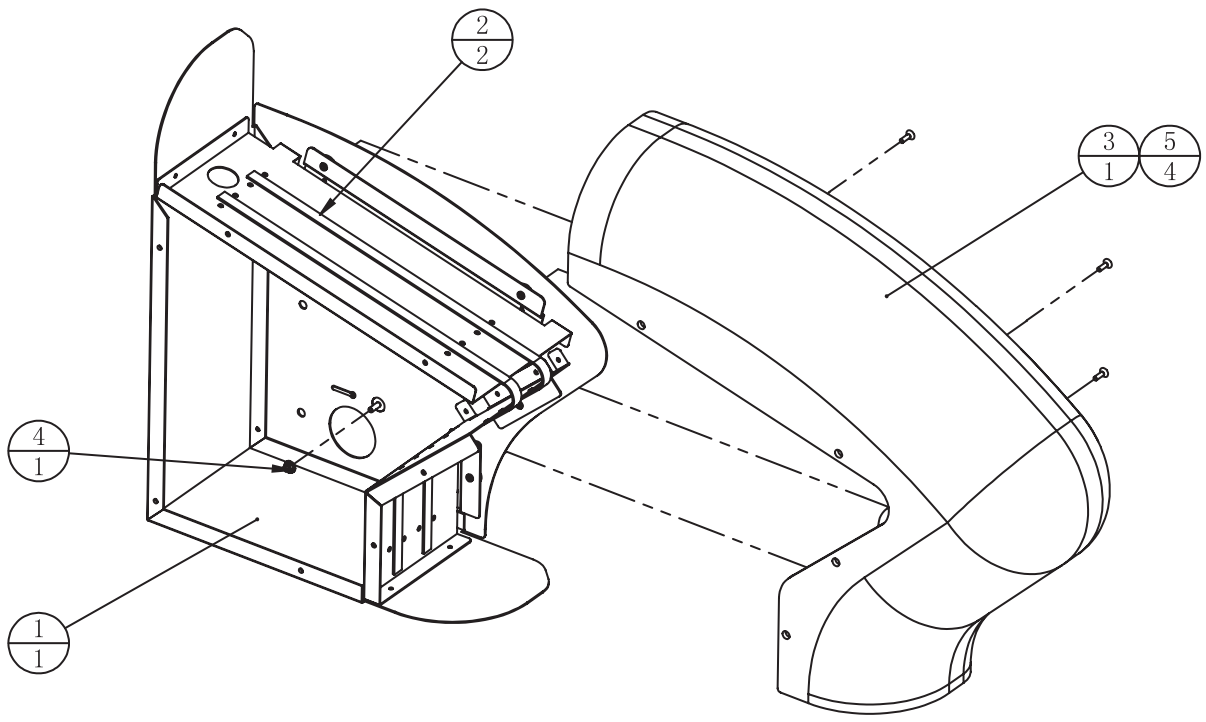
13		hex head cap screw	M4（Colour）	1	
12		hex socket cap screws	M4*25（chrome）	5	
11		cross the big flat head screw	M4*20（chrome）	4	
10		hex head cap screw	M3（Colour）	16	
9		cross recessed fillister head three-combination screw	M6*16（chrome）	4	
8	JPL-P0005	Theme light box	PMMA-3.0T	1	1.7.WX02A00080
7	JPL-0201D01	Acrylic 1 for front light box	white PMMA-15.0T	1	1.7.WX02A00020
6	ME-0508D03	model name box led lights with tablet	PVC-1.0T	8	1.7.IG22B00510
5		5050 strip light	DC12V White60 lampL=150mm	1	1.4.ZM9E1075
4		5050 strip light	DC12V White60 lampL=350mm	2	1.4.ZM9E0515
3		5050 strip light	DC12V blue 60 lampL=1200mm	1	1.4.ZM9E2370
2	JPL-0201A02	Top front light box fixing base		1	1.1.WX02A00360
1	JPL-0201A01	Top front light box		1	1.1.WX02A00350
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.4.2 Assembly of right small light box at top（JPL-0202000）



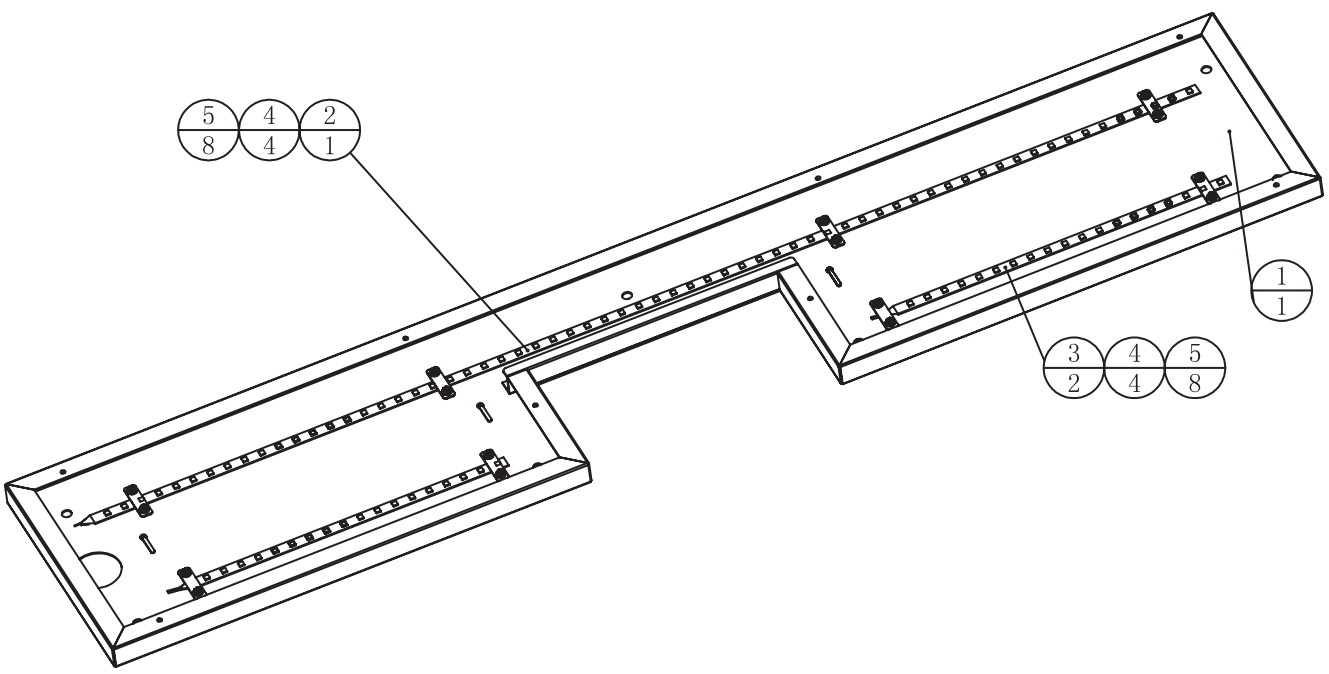
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
5		cross recessed countersunk head screws	M4*12（chrome）	4	
4		hex head cap screw	M4（Colour）	1	
3	JPL-0202C01	Top right end cap	white impact-resistant acrylic	1	1.8.WX02A00020
2		5050 strip light	DC12V RGB60 lampL=550mm	2	1.4.ZM9E0506
1	JPL-0202A01	Top right light box base		1	1.1.WX02A00370

6.4.3 Assembly of left small light box at top（JPL-0203000）



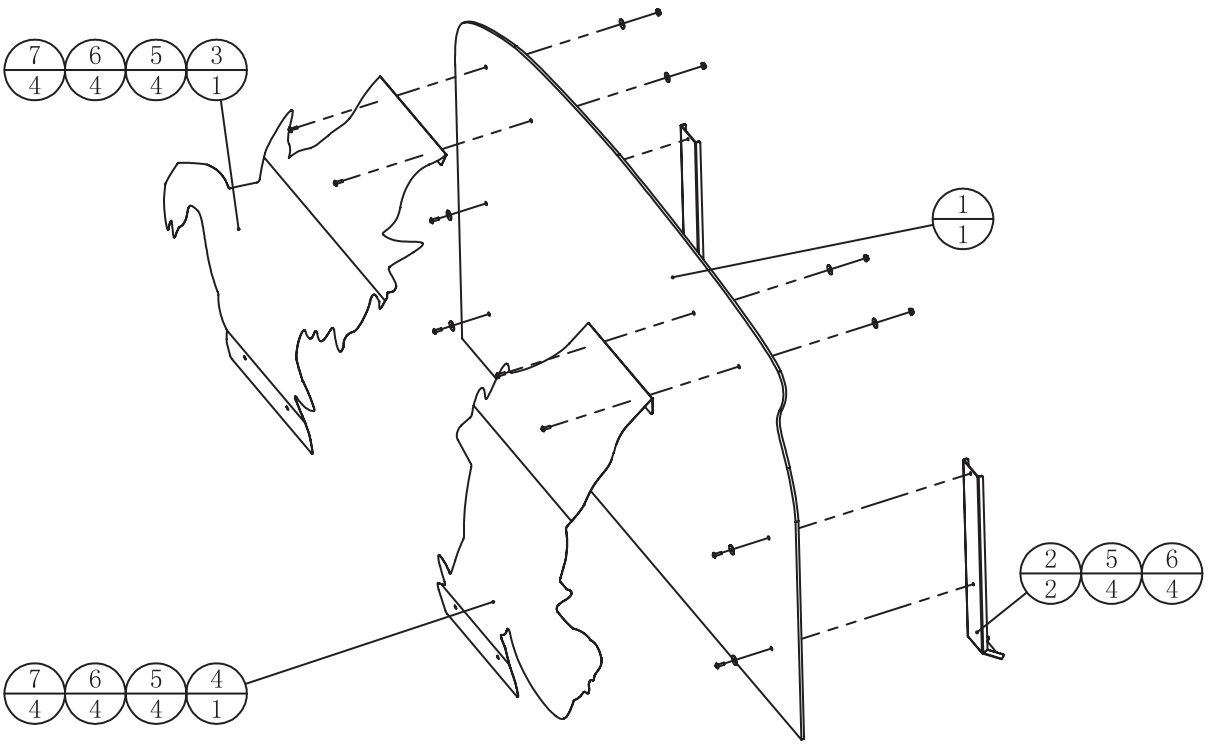
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
5		cross recessed countersunk head screws	M4*12（chrome）	4	
4		hex head cap screw	M4（Colour）	1	
3	JPL-0203C01	Top left end cap	white impact-resistant acrylic	1	1.8.WX02A00030
2		5050 strip light	DC12V RGB60 lampL=550mm	2	1.4.ZM9E0506
1	JPL-0203A01	Top left light box base		1	1.1.WX02A00380

6.4.4 Assembly of small light box at top（JPL-0204000）



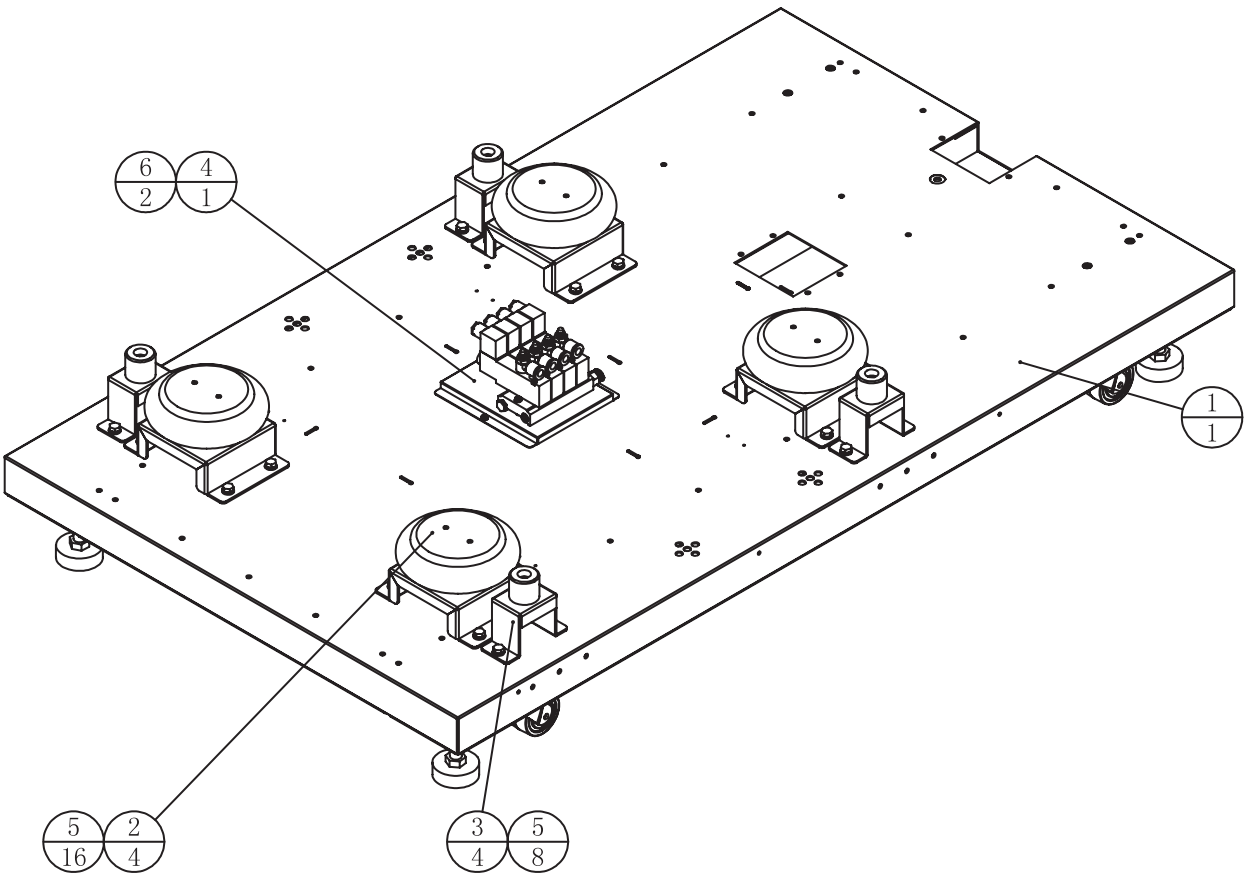
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
5		hex head cap screw	M3（Colour）	16	
4	ME-0508D03	model name box led lights with tablet	PVC-1.0T	8	1.7.IG22B00510
3		5050 strip light	DC12V White60 lampL=350mm	2	1.4.ZM9E0515
2		5050 strip light	DC12V White60 lampL=1100mm	1	1.4.ZM9E0075
1	JPL-0204A01	Top small light box		1	1.1.WX02A00390

6.4.5 Assembly of billboard（JPL-0205000）



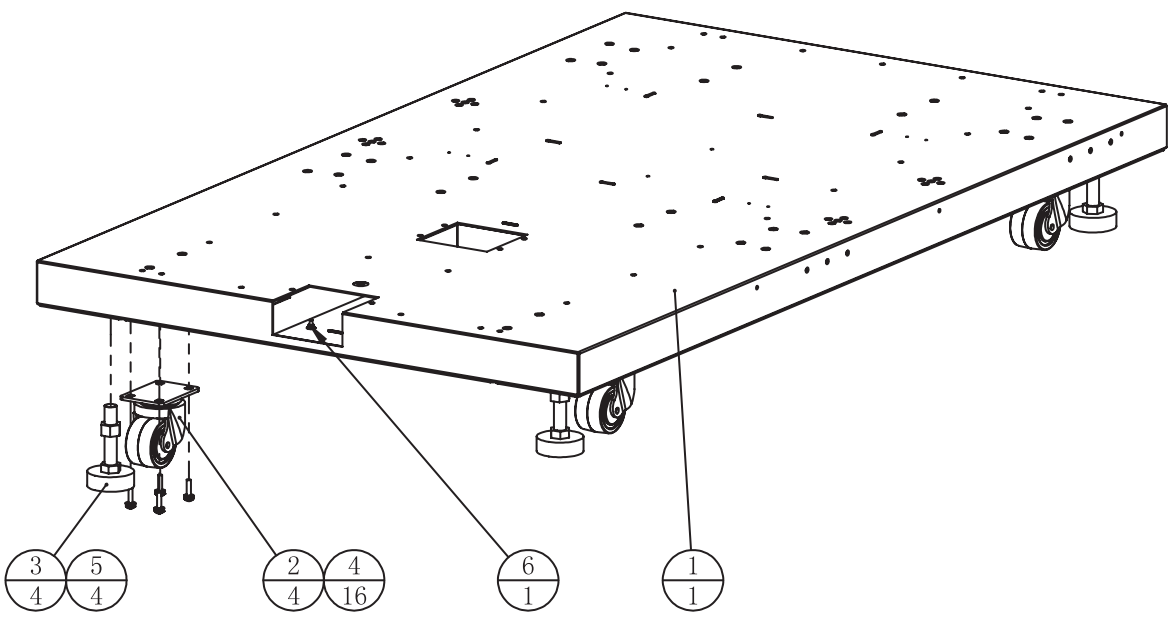
7		hex head cap screw	M4（Colour）	4	
6		hex socket cap screws	M4*12（chrome）	8	
5		plain washers	Φ4*Φ16*1.0（chrome）	8	
4	JPL-P0008	Elephant decoration on the right	PVC-0.5T	1	1.7.WX02A00110
3	JPL-P0007	Left dinosaur ornament	PVC-0.5T	1	1.7.WX02A00100
2	JPL-0205A01	Kanban fixed iron	SPCC-1.5T	2	1.1.WX02A00400
1	JPL-P0006	Theme background decoration	Andy board-5.0T	1	1.7.WX02A00090
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.5 Assembly of vibration seat（JPL-0300000）



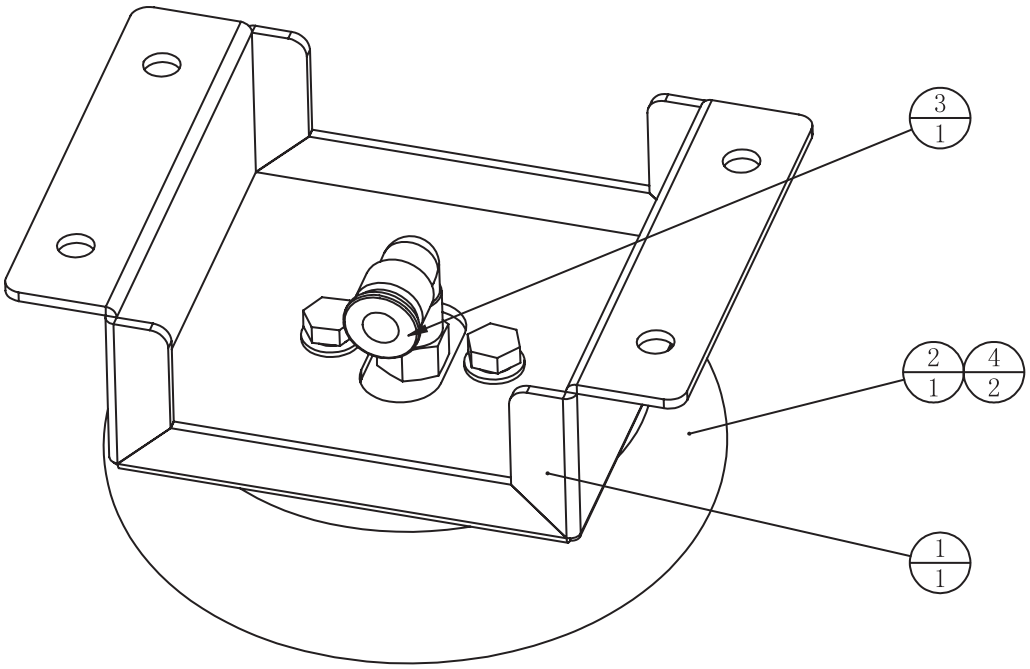
6		cross recessed fillister head three-combination screw	M4*12（chrome）	2	
5		Hexagon triple combination	8*20*16*1.5(Black)	24	
4	JPL-0304000	Assembly of solenoid valve		1	
3	JPL-0303000	Assembly of damper rubber		4	
2	JPL-0302000	Assembly of air bag		4	
1	JPL-0301000	Assembly of vibration base		1	
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.5.1 Assembly of vibration base（JPL-0301000）



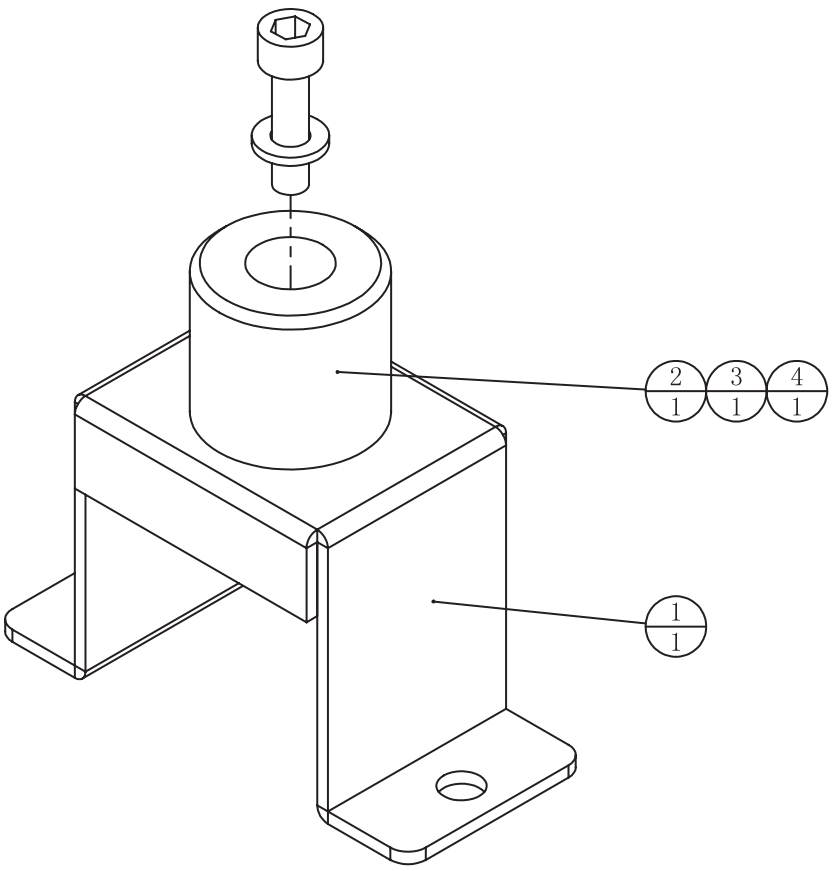
6		hex head cap screw	M4（Colour）	1	
5		hexagon nut	M16（Colour）	4	
4		cross recessed fillister head three-combination screw	M6*25（chrome）	16	
3		anchor bolt (rubber buttom)	M16*100(Colour)	4	1.6.LSV99014
2		casters	2.5 inch low center of gravity type	4	1.4.JL302520
1	JPL-0301A01	Vibration base		1	1.1.WX02A00410
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.5.2 Assembly of air bag（JPL-0302000）



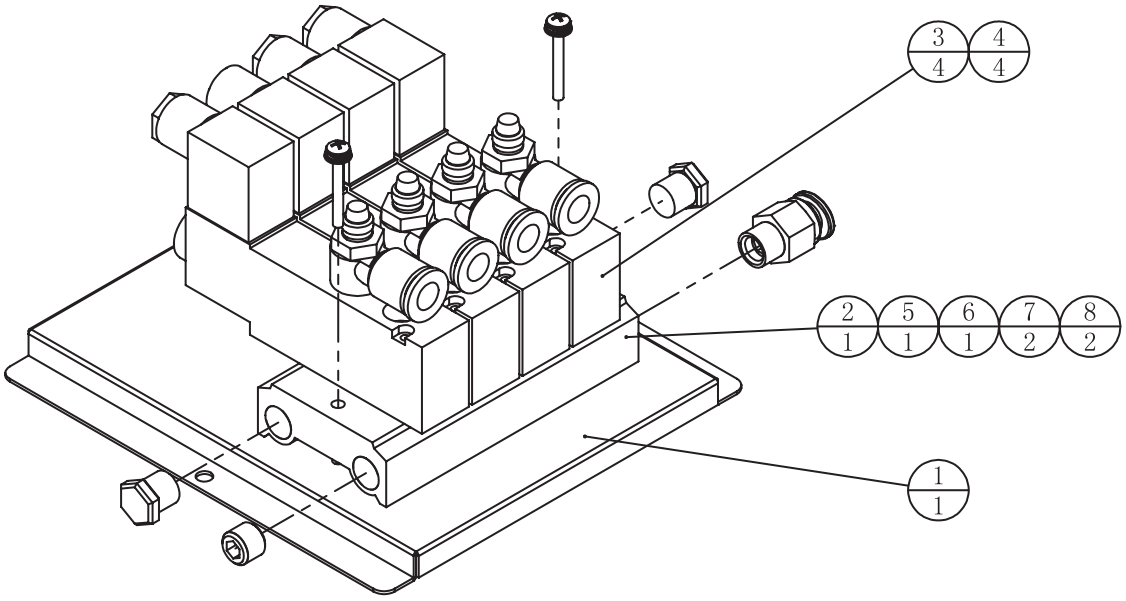
4		Hexagon triple combination	8*16*16*1.5(Black)	2	
3		I type screw thread connector	APL10-02	1	1.4.JG072110
2		air bag	1B5002	1	1.4.QL000020
1	JPL-0302A01	air bag fixed iron	SPCC-3.0T	1	1.1.WX02A00420
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.5.3 Assembly of damper rubber（JPL-0303000）



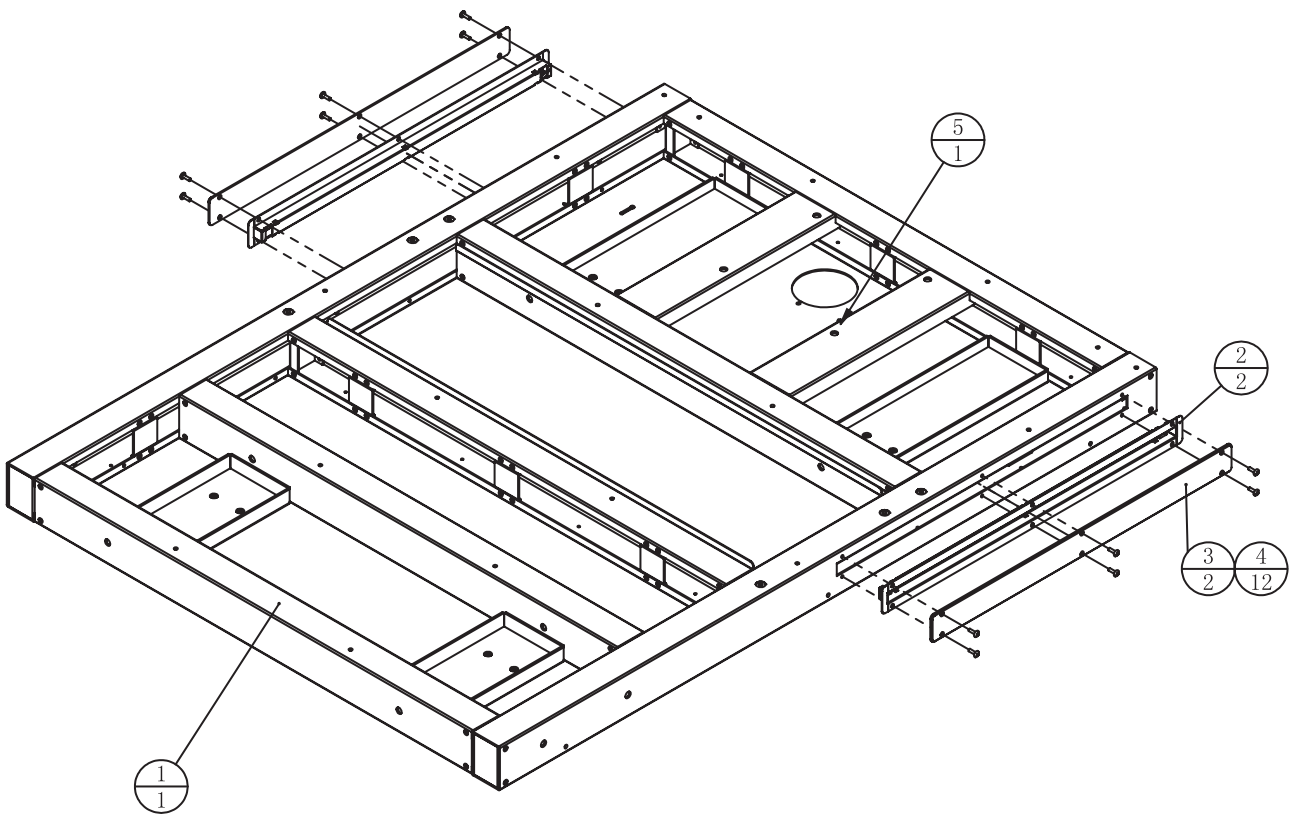
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
4		socket head cap screws	M8*30（Black）	1	
3		plain washers	φ8*φ16*2.0（Black）	1	
2	ME-0200E01	baffle plate	Elastic rubber	1	1.9.JP010520
1	JPL-0303A01	Cushion block fixing iron	SPCC-3.0T	1	1.1.WX02A00430

6.5.4 Assembly of solenoid valve（JPL-0304000）



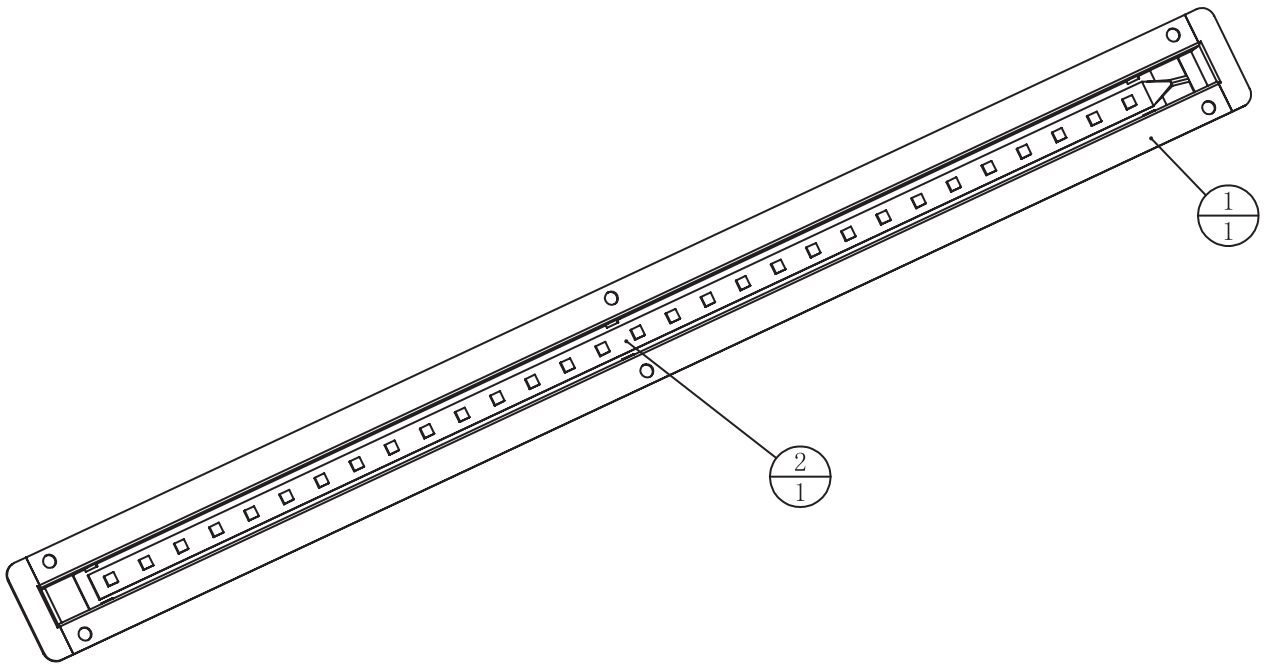
8		cross recessed fillister head three-combination screw	M4*30（chrome）	2	
7		copper silencer	BSLM02	2	1.4.YSE00020
6		hexagon end cap	ABP-02	1	1.4.JG091030
5		screw thread direct connector	APC10-02	1	1.4.JG082030
4		one-way throttle valve - pipe connector	ASL10-02B	4	1.4.JG09A030
3		electromagnetic valve	3V210-08-NC-F	4	1.4.JG09A050
2		pneumatic control valve base	3V200M-4F	1	1.4.QC000020
1	JPL-0304A01	Solenoid valve fixed iron	SECC-1.2T	1	1.1.WX02A00440
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.6 Assembly of upper vibration seat（JPL-0400000）



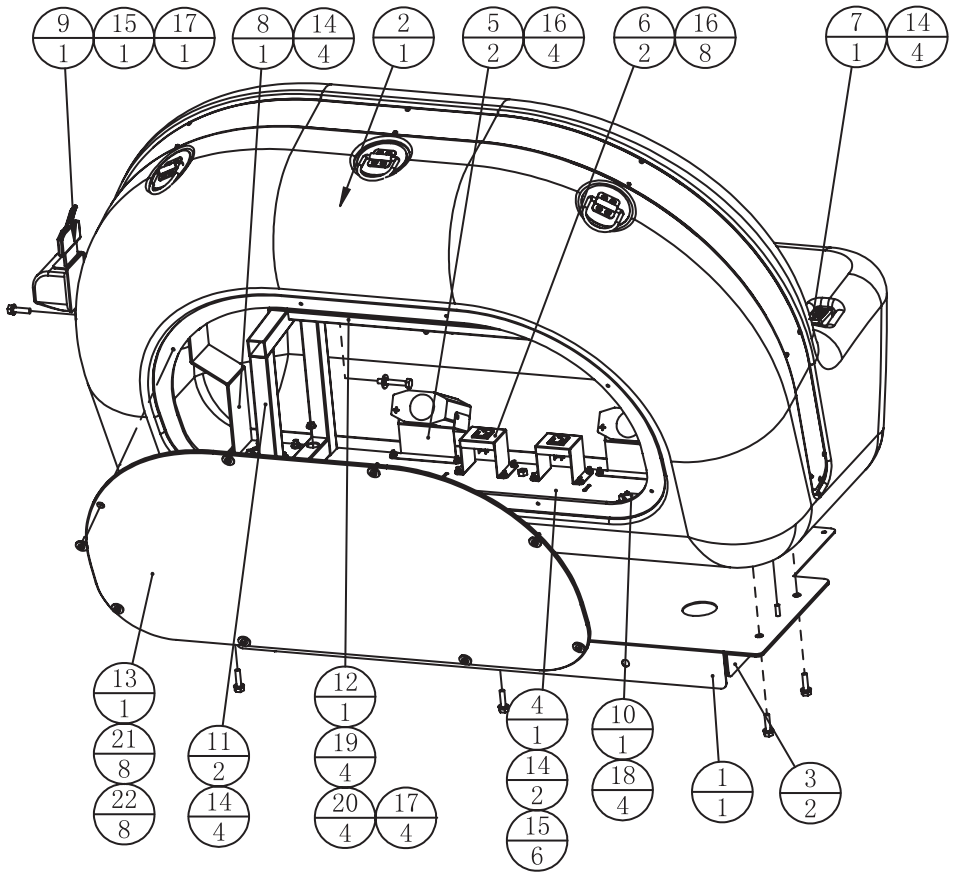
5		hex head cap screw	M4（Colour）	1	
4		hex socket cap screws	M4*12（chrome）	12	
3	JPL-P0009	Shake the top seat on both sides of the acrylic	PMMA-3.0T	2	1.7.WX02A00120
2	JPL-0401000	Assembly of LED at side of vibration seat		2	
1	JPL-0400A01	Vibration upper seat		1	1.1.WX02A00450
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.6.1 Assembly of LED at side of vibration seat（JPL-0401000）



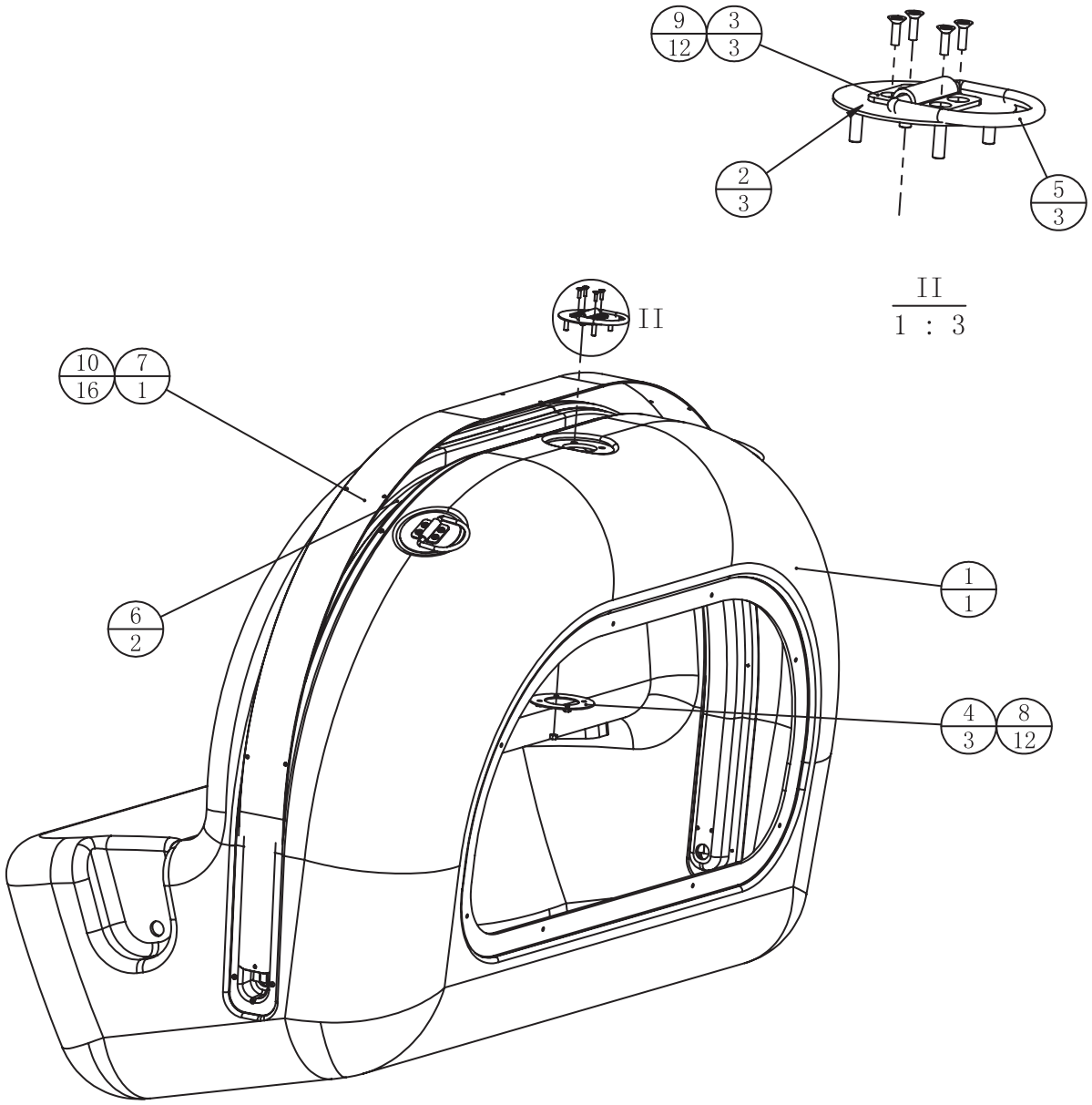
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
2		5050 strip light	DC12V RGB60 lampL=450mm	1	1.4.ZM9E0807
1	JPL-0401A01	Led fixing iron on both sides of vibration frame	SPCC-1.0T	1	1.1.WX02A00460

6.7 Assembly of seat（JPL-0500000）



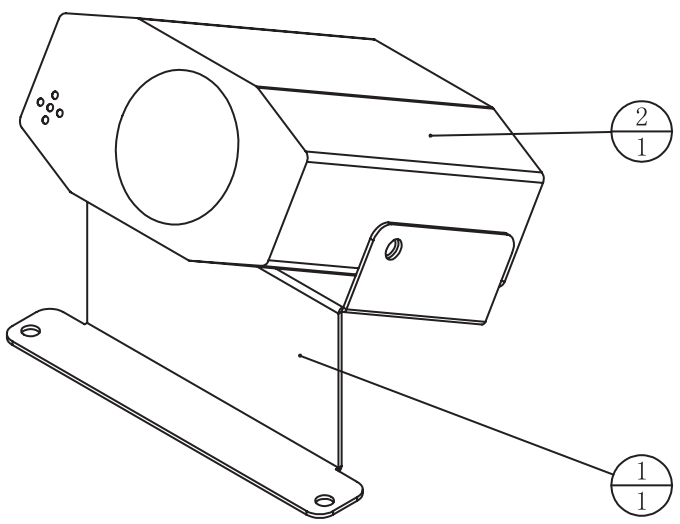
22		cross the big flat head screw	M5*20（chrome）	8	
21		plain washers	Φ6*Φ20*2.0（chrome）	8	
20		spring washer	M8（Black）	4	
19		external hex socket screw	M8*50（Black）	4	
18		cross recessed fillister head three-combination screw	M3*8（chrome）	4	
17		plain washers	φ8*φ22*2.0（Black）	5	
16		hex head cap screw	M4（Colour）	12	
15		Hexagon triple combination	8*30*16*1.5(Black)	7	
14		hex head cap screw	M6（Colour）	14	
13	JPL-P0010	Seat back	PMMA-5.0T	1	1.7.WX02A00130
12	JPL-0500A05	Seat support iron		1	1.1.WX02A00510
11	JPL-0500A06	Seat support frame		2	1.1.WX02A00520
10		rgb light controller	YJ-RGB-K10	1	1.4.ZJ030630
9		seat belt	2m	1	1.4.AQ000060
8	JPL-0500A04	Safety belt fixing iron 2	SPCC-3.0T	1	1.1.WX02A00500
7	JPL-0504000	Assembly of safety belt socket		1	
6	JPL-0503000	Assembly of socket		2	
5	JPL-0502000	Assembly of watermark light		2	
4	JPL-0500A03	Seat inner reinforcing iron	SPCC-2.0T	1	1.1.WX02A00490
3	JPL-0500A02	Seat bottom limit iron left and right	SPCC-3.0T	2	1.1.WX02A00480
2	JPL-0501000	Assembly of seat plastic		1	
1	JPL-0500A01	Chair base	SPCC-2.0T	1	1.1.WX02A00470
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.7.1 Assembly of seat plastic（JPL-0501000）



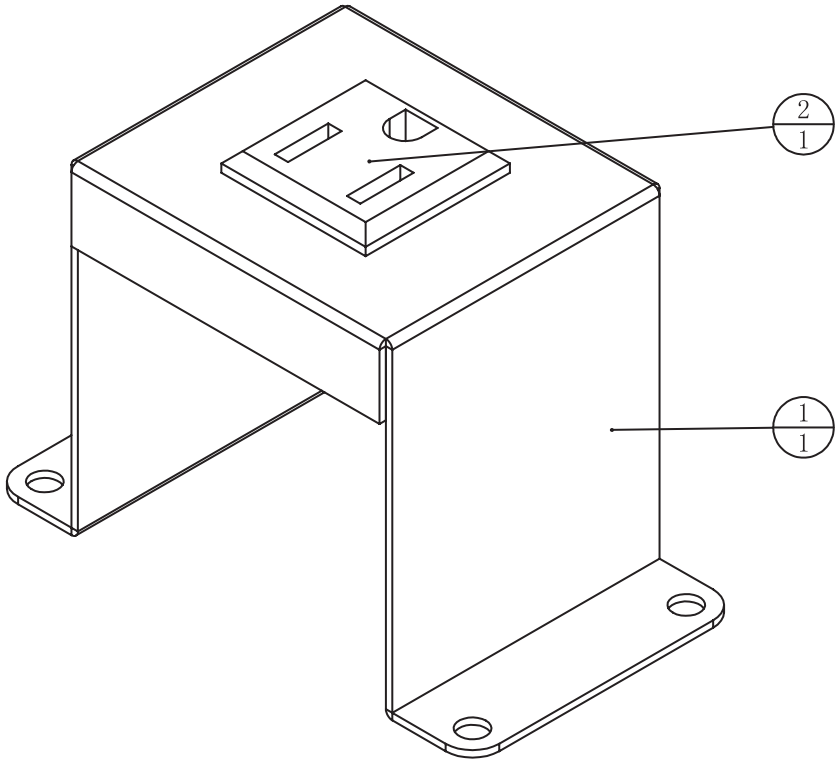
10		cross the big flat head self-drilling screw	M3*12（chrome）	16	
9		cross recessed countersunk head screws	M4*12（Black）	12	
8		Self-Locking Nuts	M5（Galvanization）	12	
7	JPL-0501D01	Acrylic in the middle of seat	white PMMA-2.0T	1	1.7.WX02A00030
6		5050 strip light	DC12V RGB60 lampL=2050mm	2	1.4.ZM9E0509
5	JPL-0501A04	Cable fixing iron 4	Q235	3	1.1.WX02A00560
4	JPL-0501A03	Cable fixing iron 3	SPCC-1.5T	3	1.1.WX02A00550
3	JPL-0501A02	Cable fixing iron 2	SPCC-2.0T	3	1.1.WX02A00540
2	JPL-0501A01	Cable fixing iron 1	SPCC-1.5T	3	1.1.WX02A00530
1	JPL-0501C01	Seat plastic	Red LDPE-8.0T	1	1.8.WX02A00040
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.7.2 Assembly of watermark light（JPL-0502000）



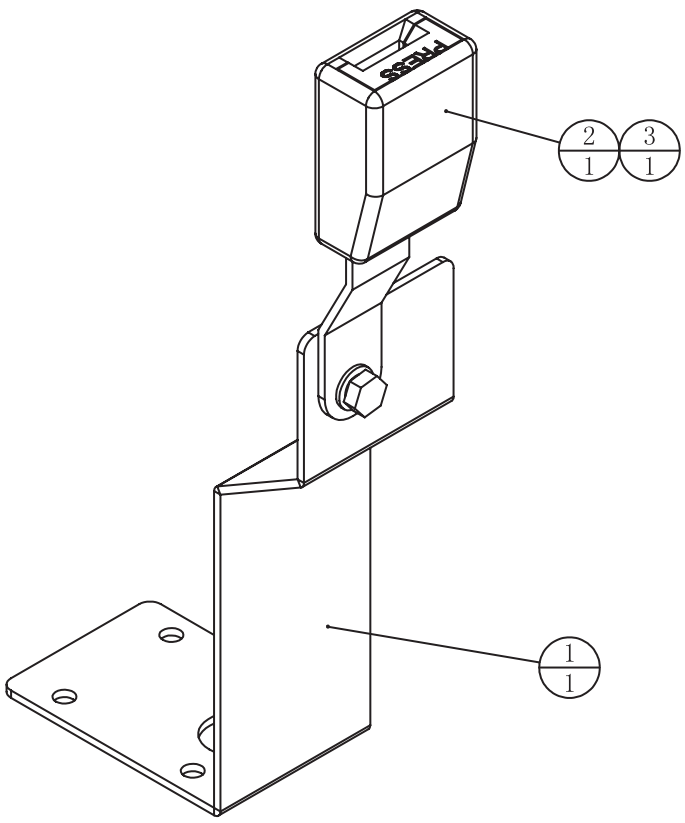
2		Water pattern lamp	Colorful water pattern lamp	1	1.4.ZM906020
1	JPL-0502A01	Water pattern lamp fixing iron	SPCC-1.2T	1	1.1.WX02A00570
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.7.3 Assembly of socket（JPL-0503000）



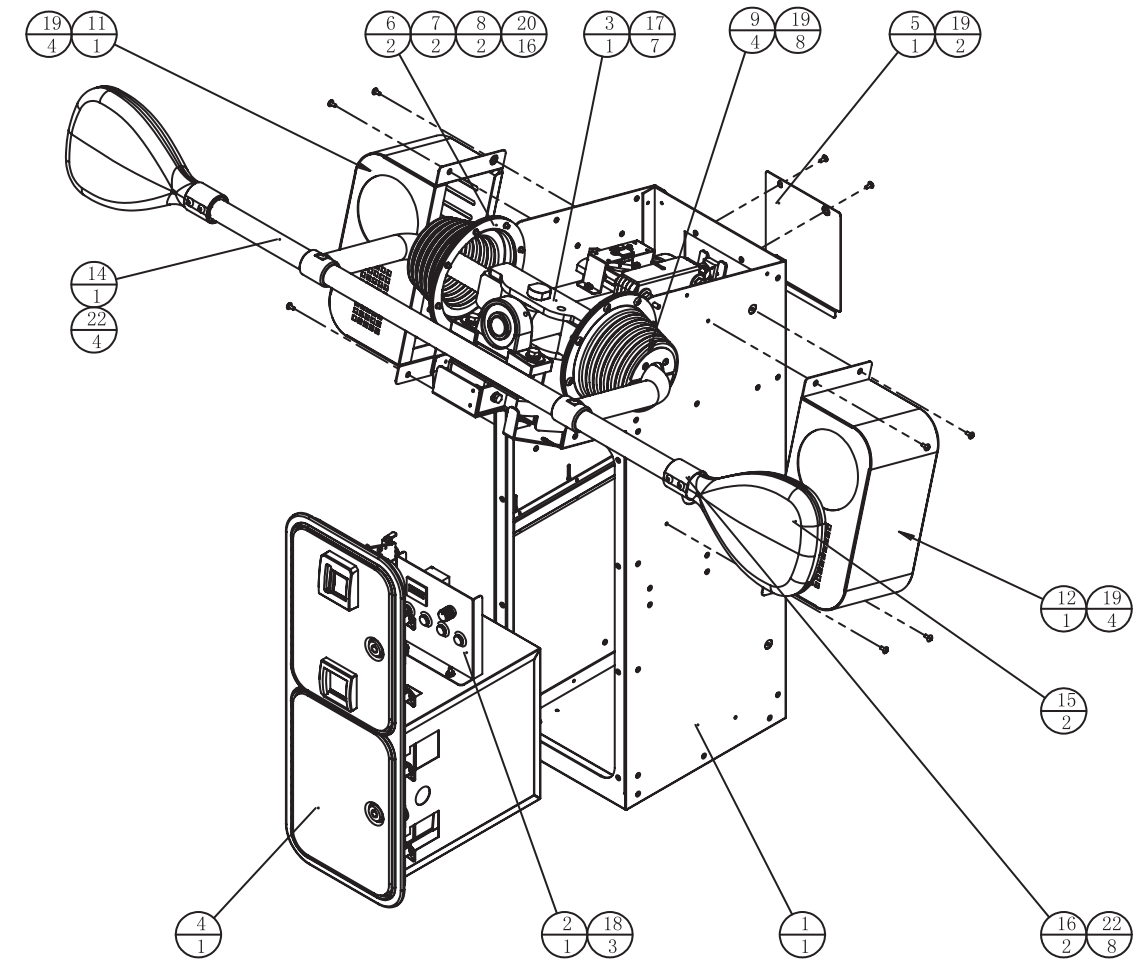
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
2		power outlet	Clamp type three-hole15A/AC125V(American Standard)	1	1.5.XC203020
1	JPL-0503A01	socket fixed iron	SECC-1.2T	1	1.1.WX02A00580

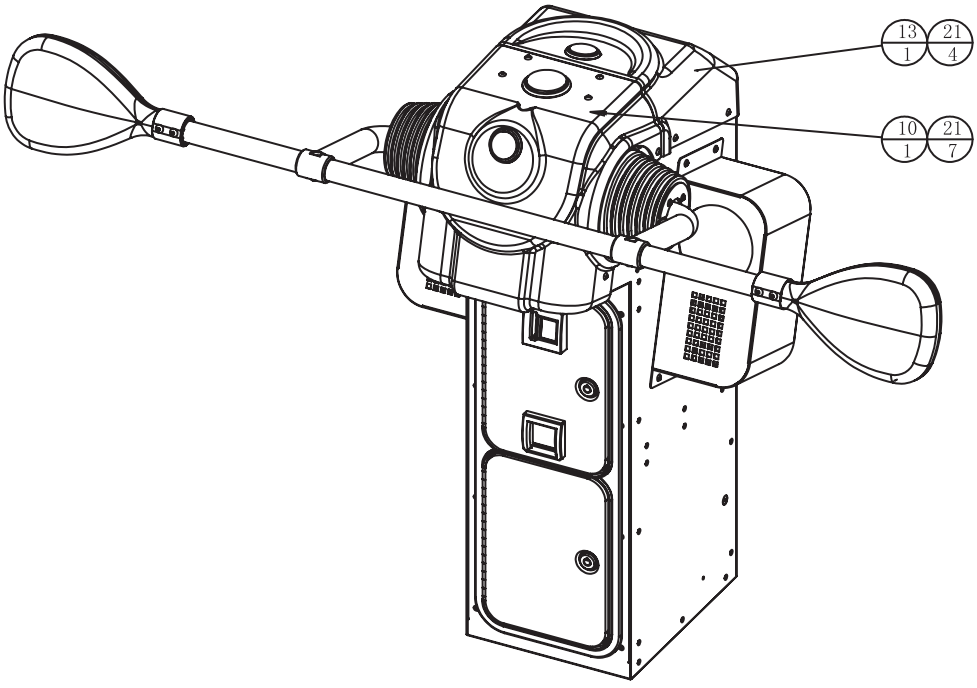
6.7.4 Assembly of safety belt socket（JPL-0504000）



No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
3		Hexagon triple combination	8*20*16*1.5(Black)	1	
2		seat belt	2m	1	1.4.AQ000060
1	JPL-0504A01	Safety belt fixing iron 1	SPCC-3.0T	1	1.1.WX02A00590

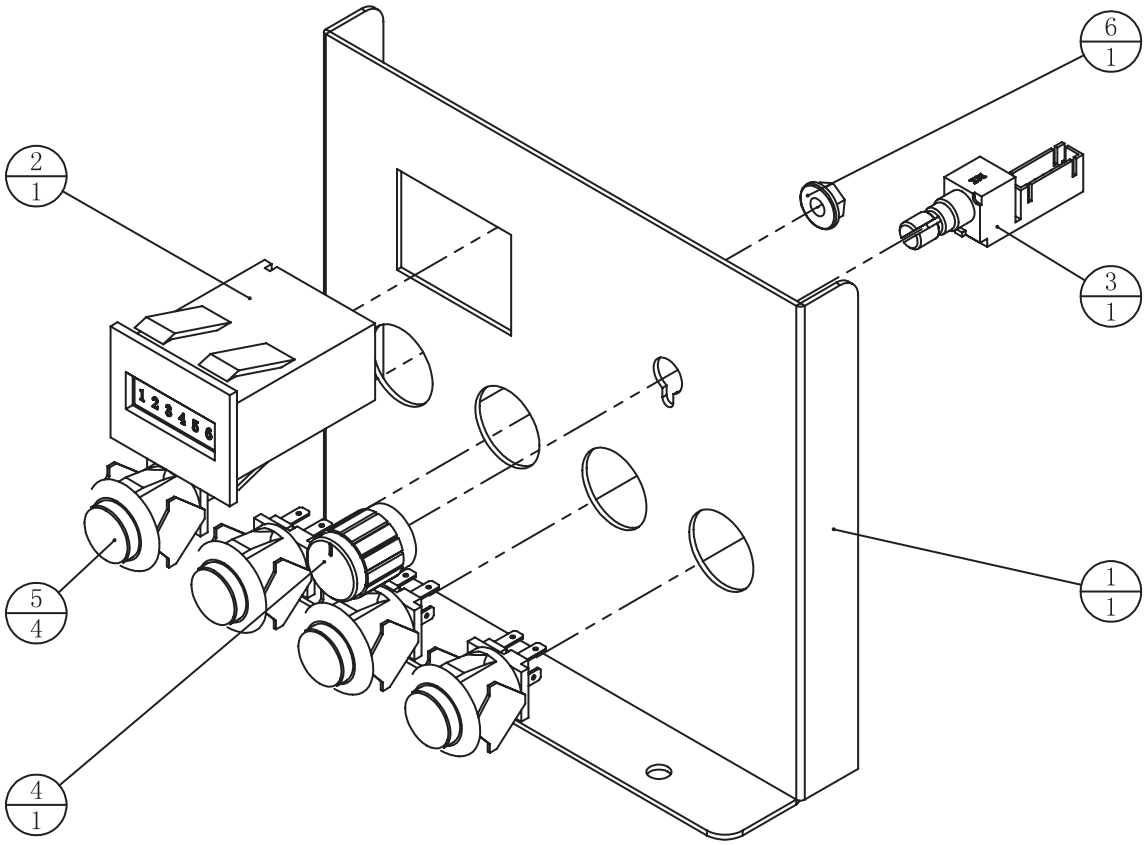
6.8 Assembly of console（JPL-0600000） 1/2





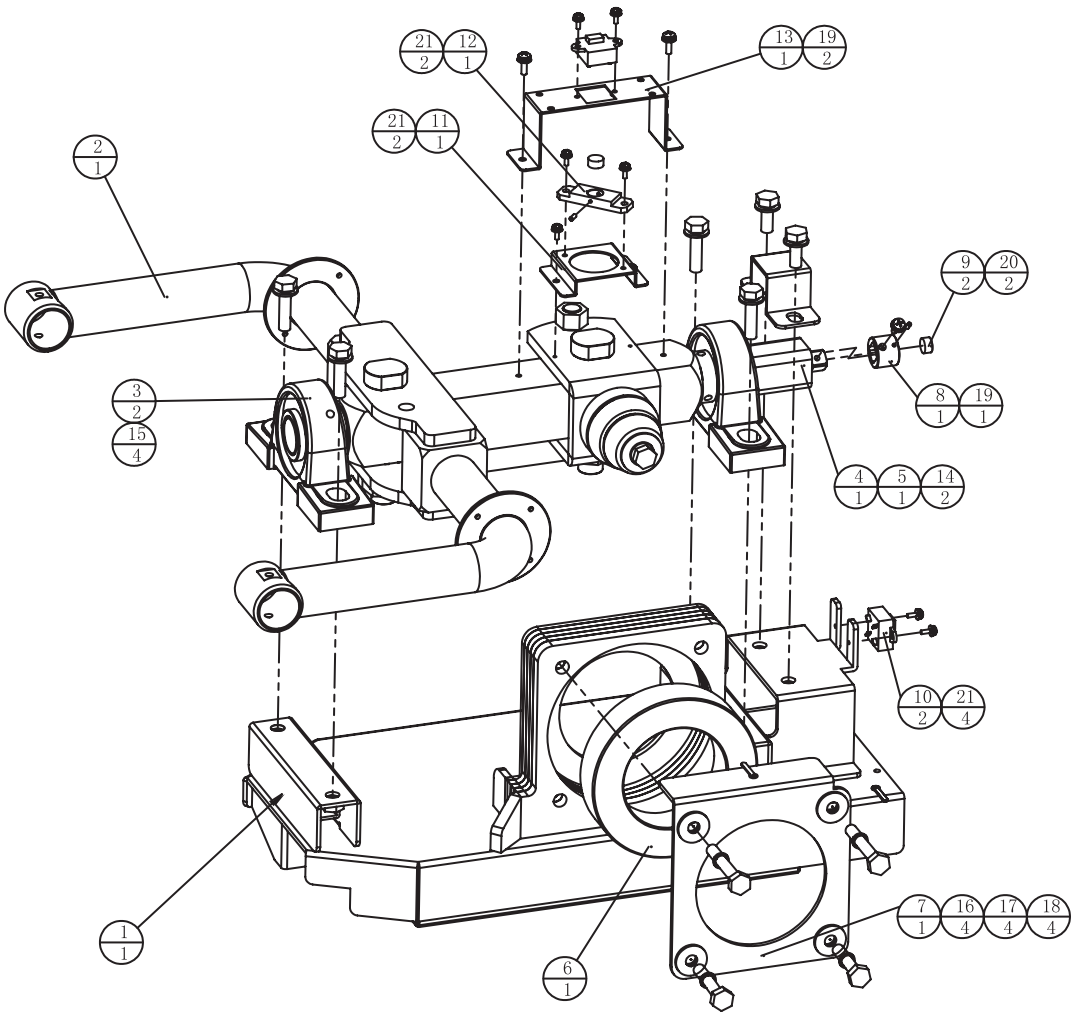
22		hex socket cap screws	M5*12（chrome）	12	
21		hex socket cap screws	M4*12（chrome）	11	
20		cross the big flat head screw	M5*12（Black）	16	
19		cross the big flat head screw	M4*8（Black）	18	
18		hex head cap screw	M4（Colour）	3	
17		Hexagon triple combination	6*16*12*1.2(Black)	7	
16	JPL-0600A07	Propeller shaft sleeve	Q235	2	1.1.WX02A00660
15	JPL-0600C02	Plastic parts for ship oars	Red PE-3.0T	2	1.8.WX02A00060
14	JPL-0600A04	Propeller shaft	Q235	1	1.1.WX02A00630
13	JPL-0607000	ssembly of plastic behind console		1	
12	JPL-0606000	Assembly of speaker box at right of console		1	
11	JPL-0605000	Assembly of speaker box at left of console		1	
10	JPL-0604000	Assembly of plastic in front of console		1	
9	JPL-0600A06	Protective sleeve pressing iron 2	SPCC-1.5T	4	1.1.WX02A00650
8	JPL-0600A05	Protective sleeve pressing iron 1	SPCC-1.5T	2	1.1.WX02A00640
7	JPL-0600C01	Protective Cover	Black silica gel	2	1.8.WX02A00050
6	JPL-0600A03	Pressure iron in protective sleeve		2	1.1.WX02A00620
5	JPL-0600A02	console back door	SPCC-1.0T	1	1.1.WX02A00610
4	JPL-0603000	Assembly of coin door frame		1	
3	JPL-0602000	Assembly of paddle frame		1	
2	JPL-0601000	Assembly of code table frame		1	
1	JPL-0600A01	control pedestal		1	1.1.WX02A00600
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.8.1 Assembly of code table frame（JPL-0601000）



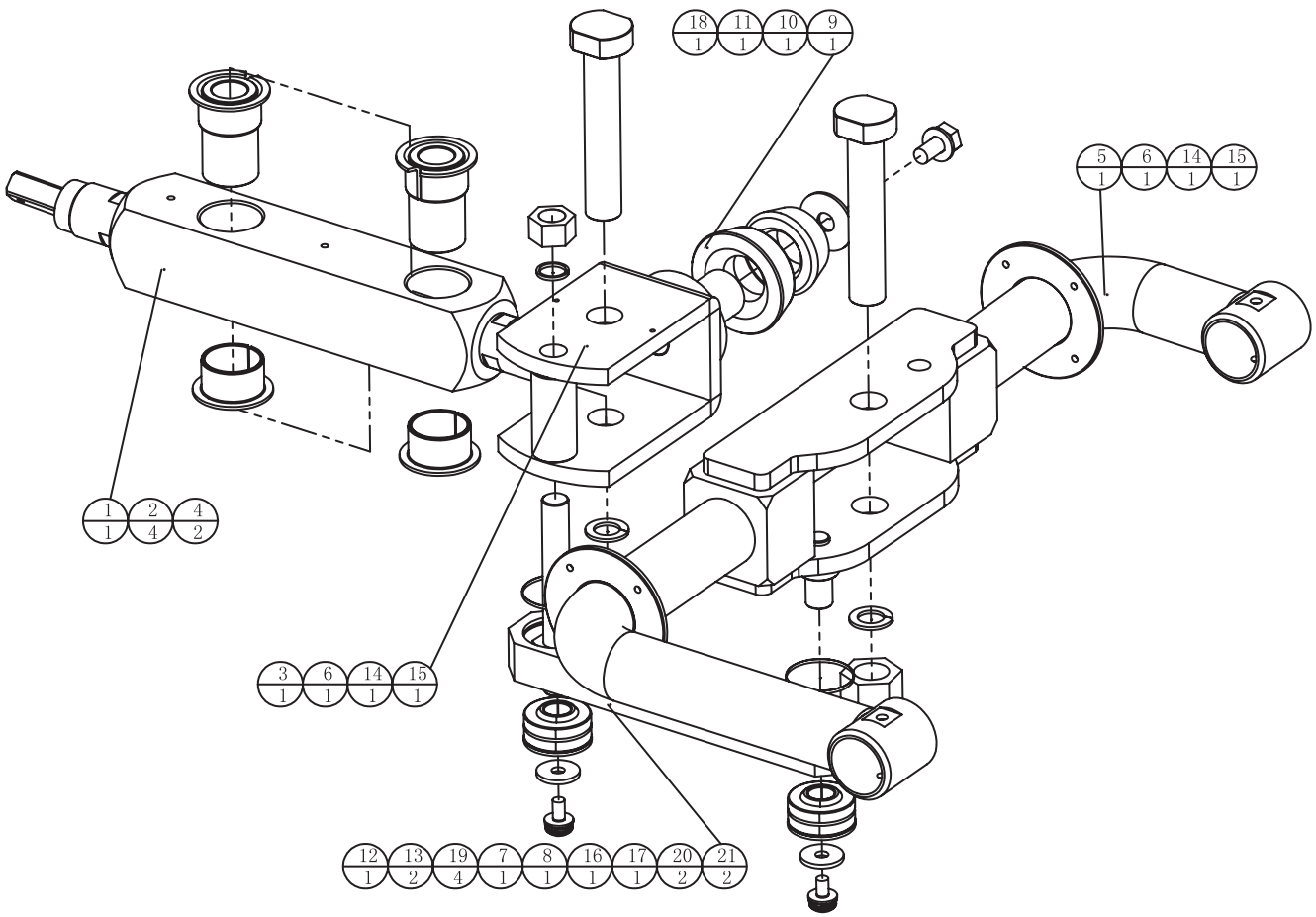
6		hex head cap screw	M4（Colour）	1	
5		round push button	Red SDP-103C-22RB	4	1.4.AJ500012#
4		potentiometer knob	Φ13mm	1	1.4.VR201310
3		volume VR component	VRS-B1K	1	1.4.VR160030
2		counter	DC 12V	1	1.4.JS100020
1	JPL-0601A01	Stopwatch bracket	SECC-1.2T	1	1.1.WX02A00670
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.8.2 Assembly of paddle frame（JPL-0602000）



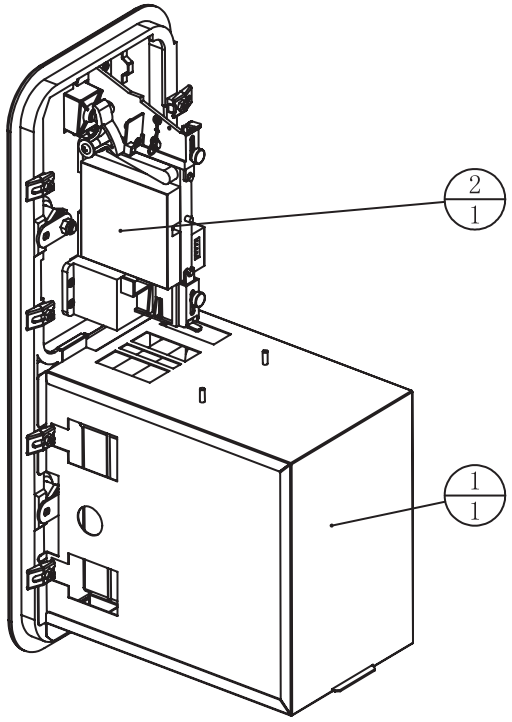
21		cross recessed fillister head three-combination screw	M3*8（chrome）	8	
20		headless hex socket screw	M3*6（Black）	2	
19		cross recessed fillister head three-combination screw	M4*12（chrome）	3	
18		external hex socket screw	M8*50（Black）	4	
17		spring washer	M8（Black）	4	
16		plain washers	φ8*φ22*2.0（Black）	4	
15		Hexagon triple combination	8*30*16*1.5(Black)	4	
14		Hexagon triple combination	8*20*16*1.5(Black)	2	
13	JPL-0602A10	Sensor fixed iron	SECC-1.2T	1	1.1.WX02A00770
12	JPL-0602C05	Inductor block	white POM	1	1.8.WX02A00110
11	JPL-0602A14	Inductor support iron	SECC-1.2T	1	1.1.WX02A00810
10		Non-contact sensor	GY100060	2	1.4.ZD104070
9		magnet	CT010060	2	1.4.CT011080
8	JPL-0602C01	Sensor Mount 1	white POM	1	1.8.WX02A00070
7	JPL-0602A04	Buffer ring cover plate	SPCC-3.0T	1	1.1.WX02A00710
6	JPL-0602C02	Buffer ring	Blue nylon	1	1.8.WX02A00080
5	JPL-0602A02	Reset the rotating shaft pressing iron	SECC-2.0T	1	1.1.WX02A00690
4		reset shaft	DR-S-15X40	1	1.4.ZC800030
3		bearing with pedestal	UCP205	2	1.4.ZCZ00040
2	JPL-0602000A	Assembly of paddle body		1	
1	JPL-0602A01	Propeller frame		1	1.1.WX02A00680
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.8.2.1 Assembly of paddle body（JPL-0602000A）



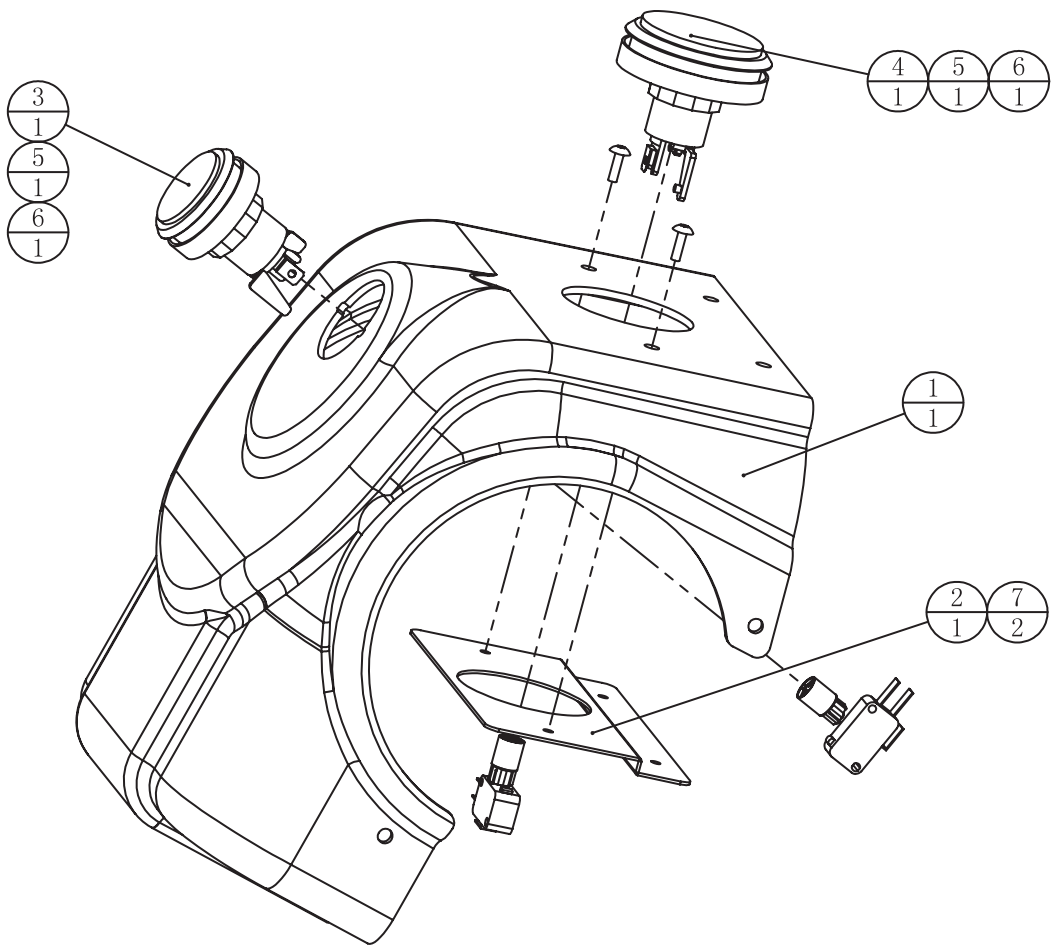
21		cross recessed fillister head three-combination screw	M6*16（chrome）	2	
20		plain washers	Φ6*Φ20*2.0（chrome）	2	
19		circlips for holes	GB/T 893.1-1986 30	4	
18		Hexagon triple combination	8*16*16*1.5(Black)	1	
17		hexagon nut	M12（Black）	1	
16		spring washer	M12（Black）	1	
15		hexagon nut	M16（Colour）	2	
14		spring washer	M16（Black）	2	
13		Spherical plain bearing	PB12	2	1.4.ZC800020
12	JPL-0602A11	Lower shaft	Q235	1	1.1.WX02A00780
11	JPL-0602A13	Limit rubber gasket	SECC-1.5T	1	1.1.WX02A00800
10	JPL-0602C04	Cushion Washer	Blue nylon	1	1.8.WX02A00100
9	JPL-0602C03	Cushion Washer1	Blue nylon	1	1.8.WX02A00090
8	JPL-0602A07	Axis 2	SUS304	1	1.1.WX02A00740
7	JPL-0602A08	axle sleeve2	SUS304	1	1.1.WX02A00750
6	JPL-0602A03	Axis 1	Q235	2	1.1.WX02A00700
5	JPL-0602A12	Propeller support		1	1.1.WX02A00790
4	JPL-0602A09	axle sleeve1	SUS304	2	1.1.WX02A00760
3	JPL-0602A06	Rubber holder		1	1.1.WX02A00730
2		Self lubricating flange bearing	LFF2515	4	1.4.ZC000067
1	JPL-0602A05	intermediate shaft	SUS304	1	1.1.WX02A00720
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.8.3 Assembly of coin door frame（JPL-0603000）



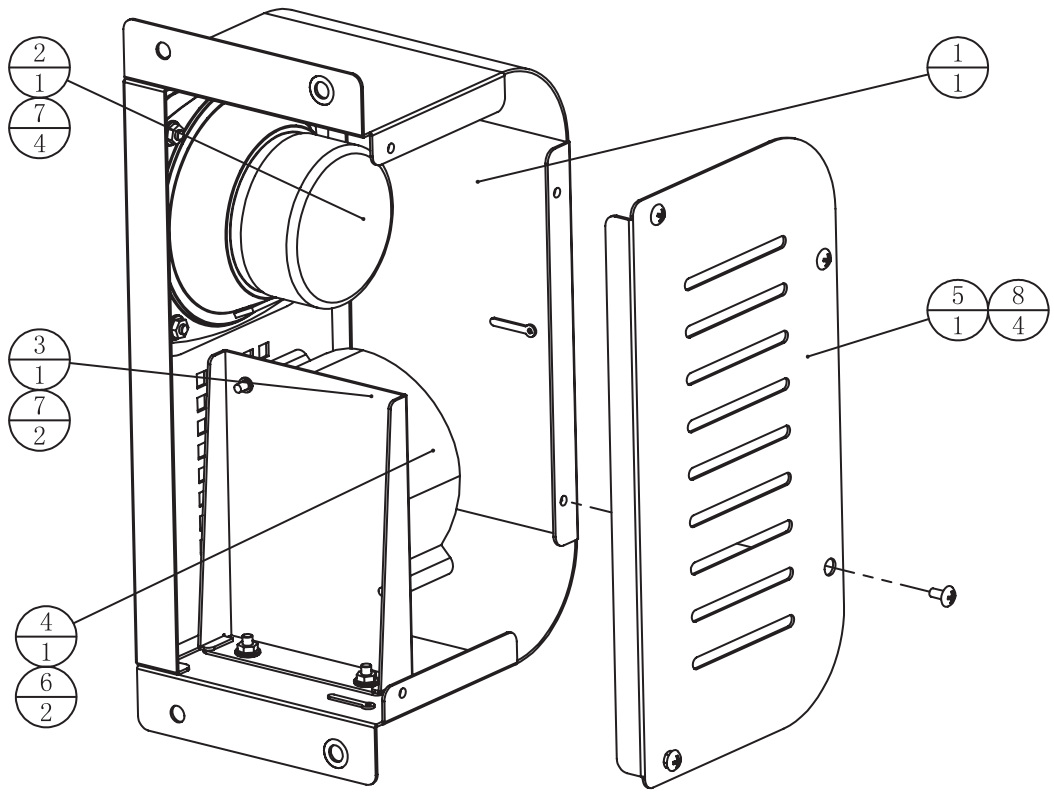
2		electronic coin	TW-800III	1	1.4.TB100050
1	TYM-0000000A	single coin door frame		1	2.1.AA030012
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

6.8.4 Assembly of plastic in front of console（JPL-0604000）



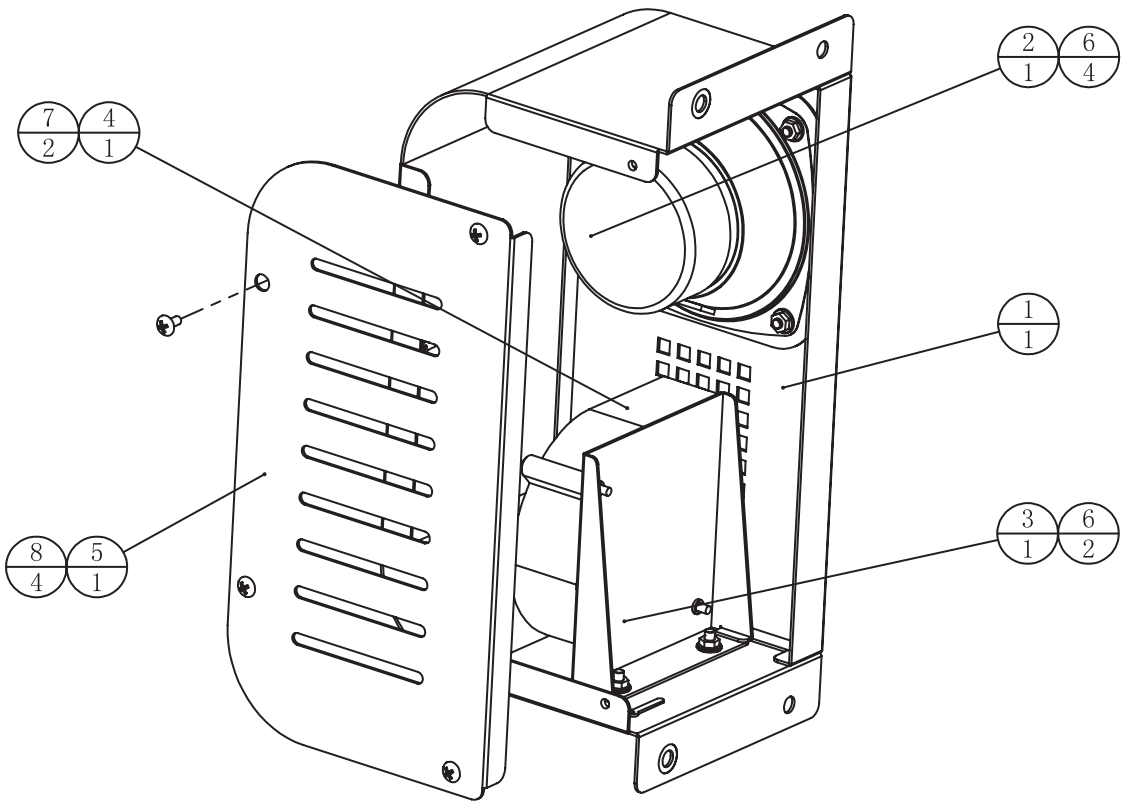
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
7		hex socket cap screws	M4*12（chrome）	2	
6		led lamp for button	12V white (T103W-12V-SMD)	2	1.4.AJA01040
5		micro switch	D3V-01-1C3	2	1.4.SW103011
4		Round illuminated button (with lamp holder)	Φ60 white BLC-TN-BK-C-CW	1	1.4.AJ106031#
3		Round illuminated button (with lamp holder)	Φ44 white BLC-TN-BK-B-CW	1	1.4.AJ104011#
2	JPL-0604A01	Console lower plate	SPCC-1.2T	1	1.1.WX02A00820
1	JPL-0604C01	Console Front plastic	Red ABS-3.0T	1	1.8.WX02A00120

6.8.5 Assembly of speaker box at left of console（JPL-0605000）



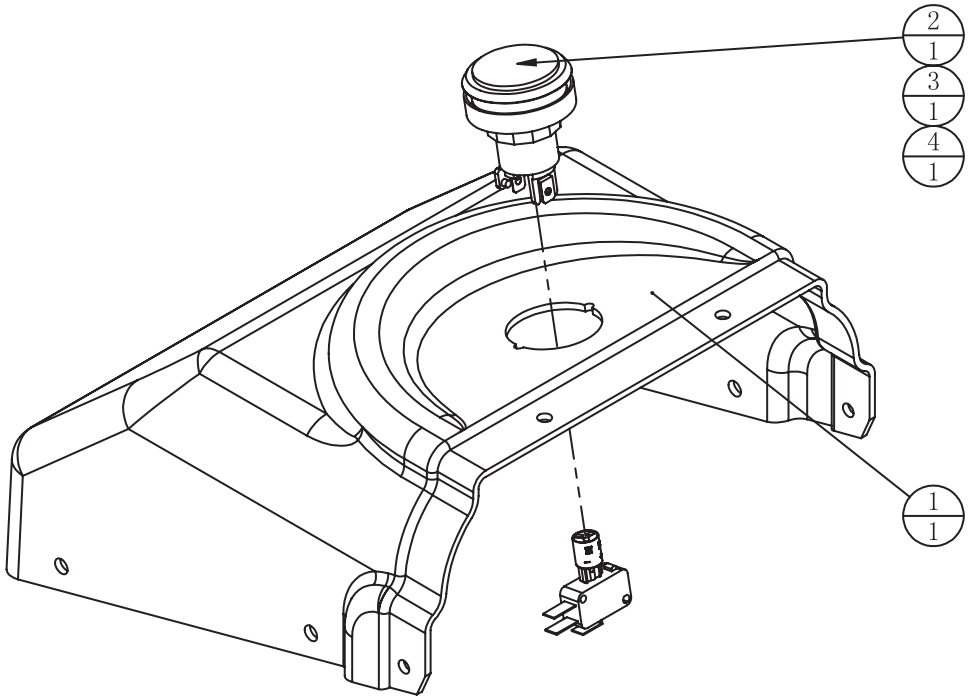
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code
8		cross the big flat head screw	M4*8（Black）	4	
7		hex head cap screw	M4（Colour）	6	
6		cross the big flat head screw	M4*40（chrome）	2	
5	JPL-0605A03	Console horn box cover	SPCC-1.2T	1	1.1.WX02A00850
4		blower	KD1297PNB1	1	1.4.FS1A0030
3	JPL-0605A02	Left blower fixed iron	SPCC-1.2T	1	1.1.WX02A00840
2		speaker	4〃4Ω/20W（JK-SPK-93HW）	1	1.4.YS104070
1	JPL-0605A01	Left horn box of console		1	1.1.WX02A00830

6.8.6 Assembly of speaker box at right of console（JPL-0606000）



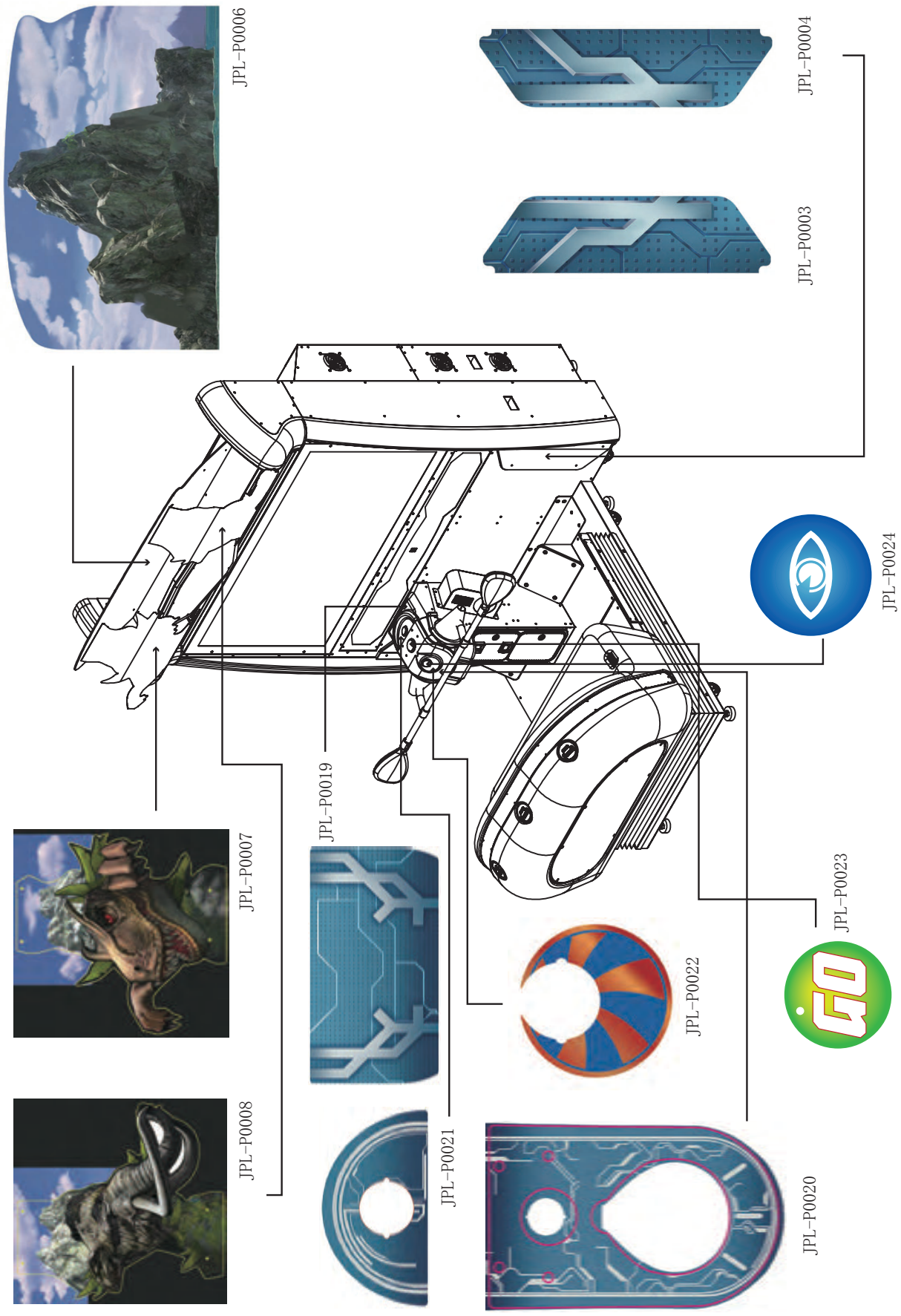
8		cross the big flat head screw	M4*8（Black）	4	
7		cross the big flat head screw	M4*40（chrome）	2	
6		hex head cap screw	M4（Colour）	6	
5	JPL-0605A03	Console horn box cover	SPCC-1.2T	1	1.1.WX02A00850
4		blower	KD1297PNB1	1	1.4.FS1A0030
3	JPL-0606A02	Right blower fixed iron	SPCC-1.2T	1	1.1.WX02A00870
2		speaker	4〃4Ω/20W（JK-SPK-93HW）	1	1.4.YS104070
1	JPL-0606A01	Horn box on right side of console		1	1.1.WX02A00860
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

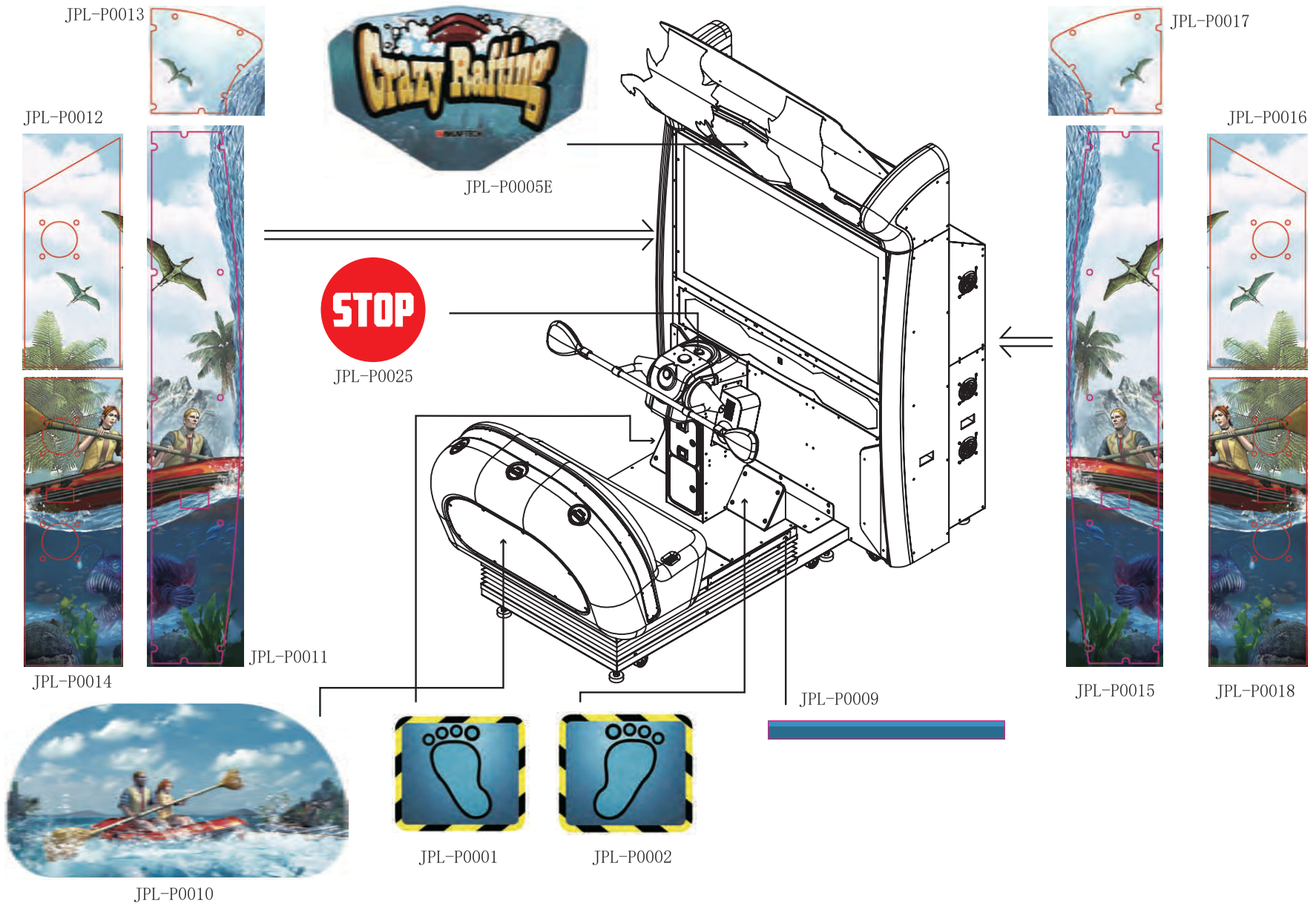
6.8.7 Assembly of plastic behind console（JPL-0607000）



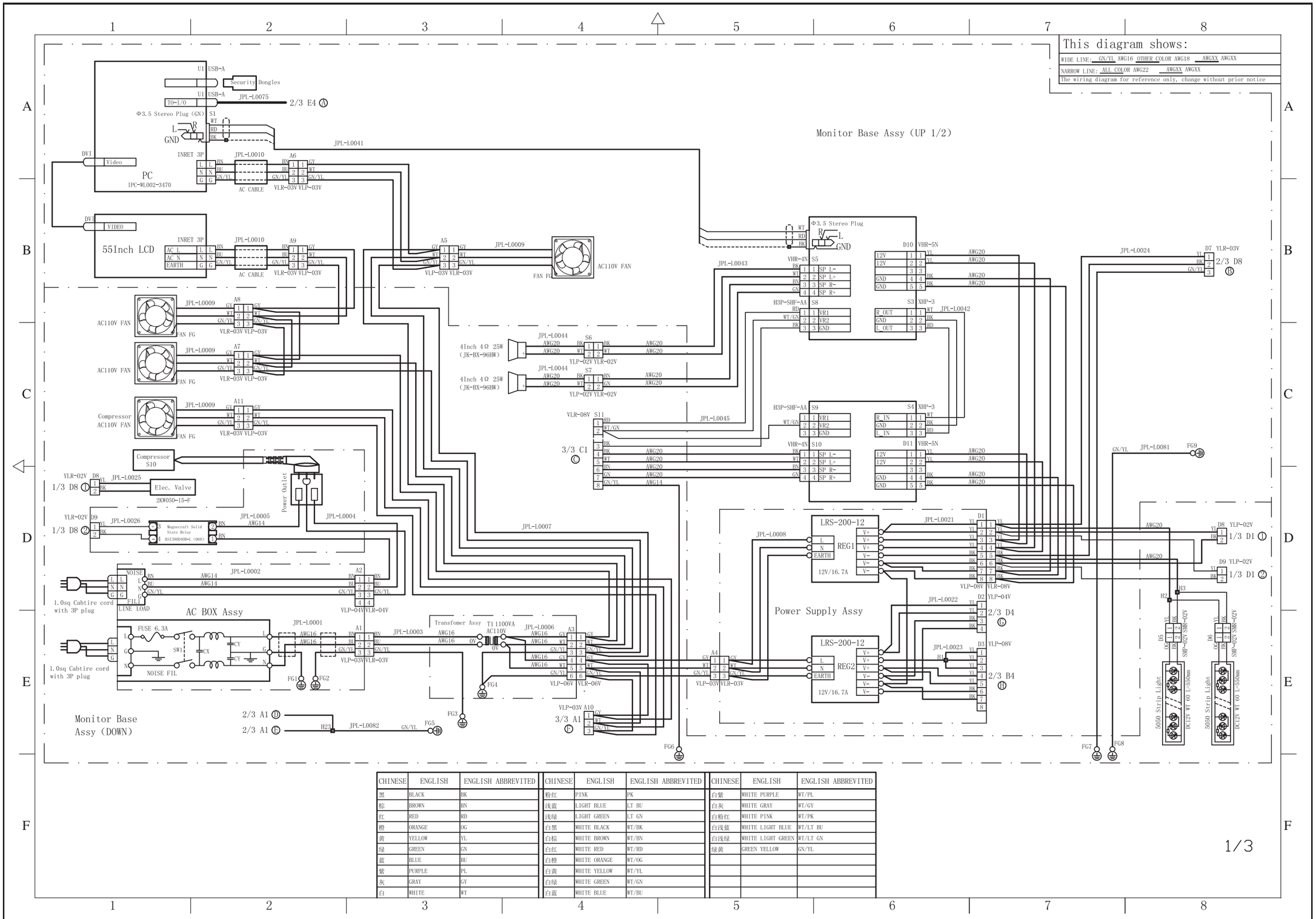
4		led lamp for button	12V white (T103W-12V-SMD)	1	1.4.AJA01040
3		micro switch	D3V-01-1C3	1	1.4.SW103011
2		Round illuminated button (with lamp holder)	Φ44 white BLC-TN-BK-B-CW	1	1.4.AJ104011#
1	JPL-0607C01	Console back plastic	Red ABS-3.0T	1	1.8.WX02A00130
No.	Draw No.	Name	Material/Spec.	Qty.	Product Code

7. Printing Pattern




JPL-P0013
JPL-P0012
JPL-P0005E
JPL-P0017
JPL-P0016
STOP
JPL-P0025
JPL-P0011
JPL-P0014
JPL-P0015
JPL-P0018
JPL-P0009
JPL-P0001
JPL-P0002
JPL-P0010

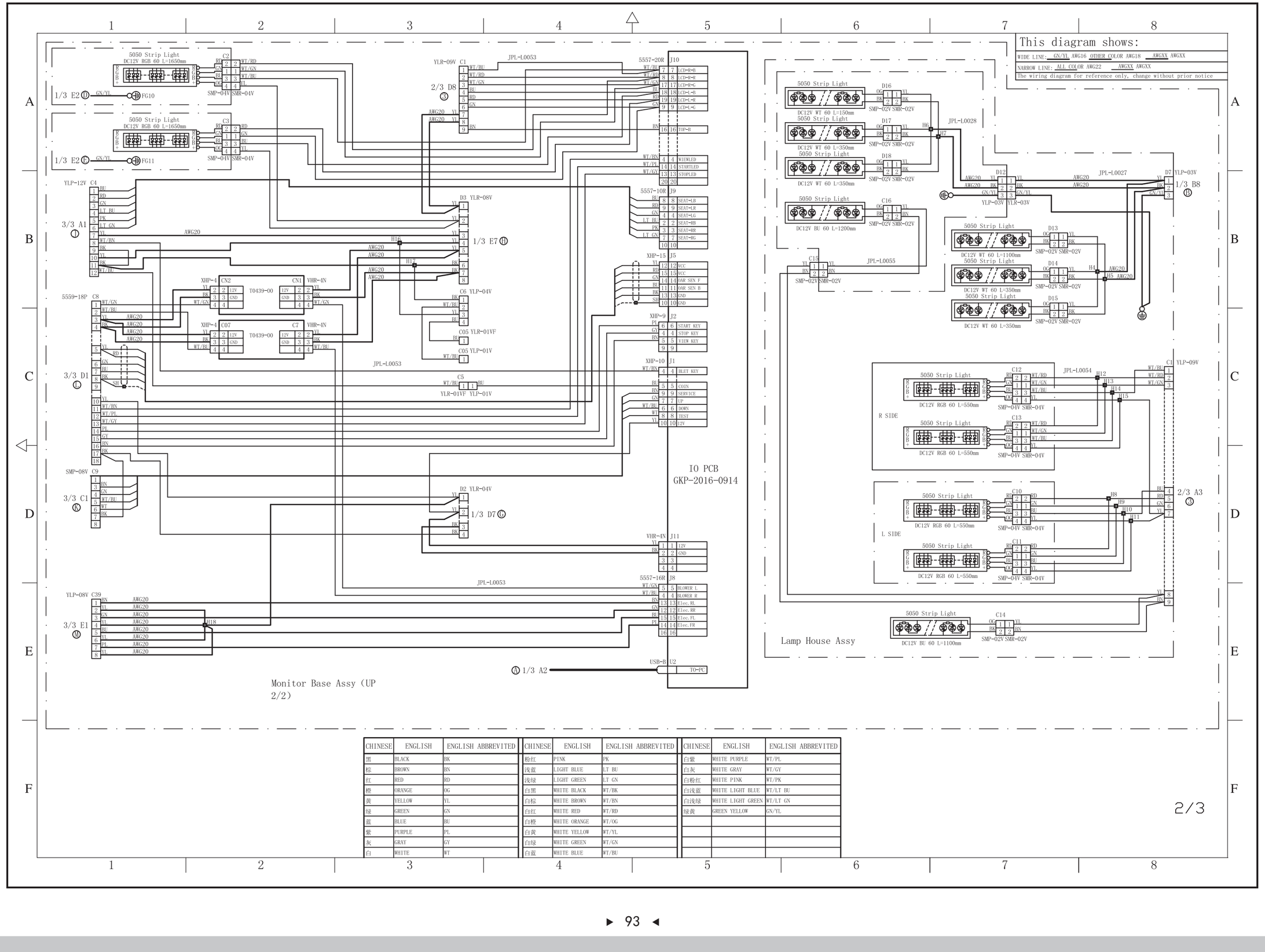
8. Wiring Diagram



CHINESE	ENGLISH	ENGLISH ABBREVITED
黑	BLACK	BK
棕	BROWN	BN
红	RED	RD
橙	ORANGE	OG
黄	YELLOW	YL
绿	GREEN	GN
蓝	BLUE	BU
紫	PURPLE	PL
灰	GRAY	GY
白	WHITE	WT

CHINESE	ENGLISH	ENGLISH ABBREVITED
粉红	PINK	PK
浅蓝	LIGHT BLUE	LT BU
浅绿	LIGHT GREEN	LT GN
白黑	WHITE BLACK	WT/BK
白棕	WHITE BROWN	WT/BN
白红	WHITE RED	WT/RD
白橙	WHITE ORANGE	WT/OG
白黄	WHITE YELLOW	WT/YL
白绿	WHITE GREEN	WT/GN
白蓝	WHITE BLUE	WT/BU

CHINESE	ENGLISH	ENGLISH ABBREVITED
白紫	WHITE PURPLE	WT/PL
白灰	WHITE GRAY	WT/GY
白粉红	WHITE PINK	WT/PK
白浅蓝	WHITE LIGHT BLUE	WT/LT BU
白浅绿	WHITE LIGHT GREEN	WT/LT GN
绿黄	GREEN YELLOW	GN/YL



CHINESE	ENGLISH	ENGLISH ABBREVITED
黑	BLACK	BK
棕	BROWN	BN
红	RED	RD
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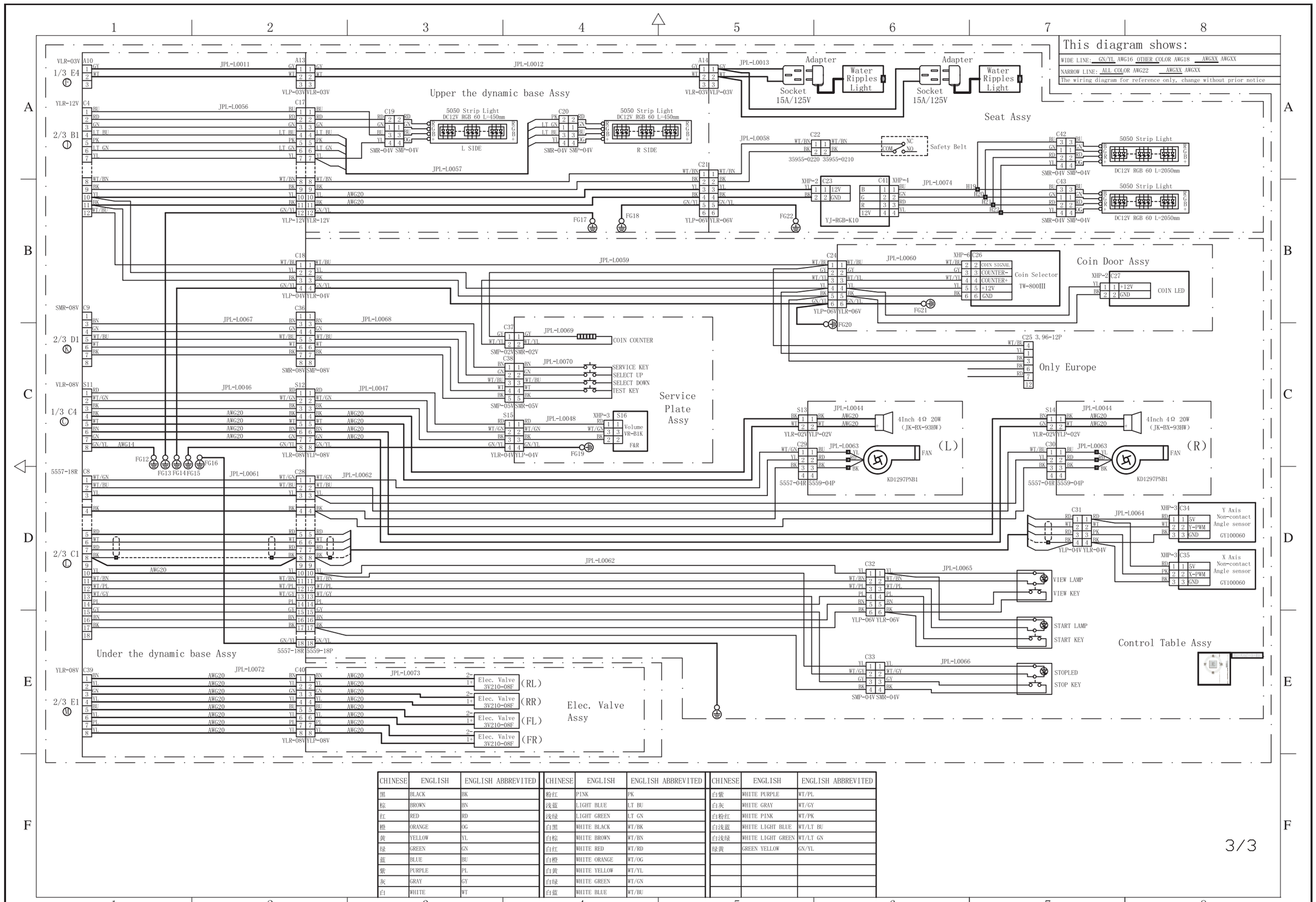
绿	GREEN	GN
蓝	BLUE	BU
紫	PURPLE	PL
灰	GRAY	GY
白	WHITE	WT

CHINESE	ENGLISH	ENGLISH ABBREVITED
粉红	PINK	PK
浅蓝	LIGHT BLUE	LT BU
浅绿	LIGHT GREEN	LT GN
白黑	WHITE BLACK	WT/BK
白棕	WHITE BROWN	WT/BN
白红	WHITE RED	WT/RD
白橙	WHITE ORANGE	WT/OG
白黄	WHITE YELLOW	WT/YL
白绿	WHITE GREEN	WT/GN
白蓝	WHITE BLUE	WT/BU

CHINESE	ENGLISH	ENGLISH ABBREVITED
白紫	WHITE PURPLE	WT/PL
白灰	WHITE GRAY	WT/GY
白粉红	WHITE PINK	WT/PK
白浅蓝	WHITE LIGHT BLUE	WT/LT BU
白浅绿	WHITE LIGHT GREEN	WT/LT GN
绿黄	GREEN YELLOW	GN/YL



CHINESE	ENGLISH	ENGLISH ABBREVITED
黑	BLACK	BK
棕	BROWN	BN
红	RED	RD
橙	ORANGE	OG
黄	YELLOW	YL
绿	GREEN	GN
蓝	BLUE	BU
紫	PURPLE	PL
灰	GRAY	GY
白	WHITE	WT

CHINESE	ENGLISH	ENGLISH ABBREVITED
粉红	PINK	PK
浅蓝	LIGHT BLUE	LT BU
浅绿	LIGHT GREEN	LT GN
白黑	WHITE BLACK	WT/BK
白棕	WHITE BROWN	WT/BN
白红	WHITE RED	WT/RD
白橙	WHITE ORANGE	WT/OG
白黄	WHITE YELLOW	WT/YL
白绿	WHITE GREEN	WT/GN
白蓝	WHITE BLUE	WT/BU

CHINESE	ENGLISH	ENGLISH ABBREVITED
白紫	WHITE PURPLE	WT/PL
白灰	WHITE GRAY	WT/GY
白粉红	WHITE PINK	WT/PK
白浅蓝	WHITE LIGHT BLUE	WT/LT BU
白浅绿	WHITE LIGHT GREEN	WT/LT GN
绿黄	GREEN YELLOW	GN/YL

After-sales Service

Honorable customer !

Thank you for purchasing our product !

For your benefits, if you find any fault during the operation of the product, please use 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:

Guangzhou Wahlap Technology Corporation Limited

Add: NO.28,Lianyun 2nd heng Road,Shiqi Town,Panyu District, Guangzhou City,China.

Tel：+86 20 39226222 Fax：+86 20 39226300

Service Hotline：400-848-9222

http://www.wahlap.com

JPL-P0032E

Crazy Rafting

Ver. 1.00

WAHLAP TECH

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※ For inquiries regarding the machine or machine repairs, please contact your distributor. ※