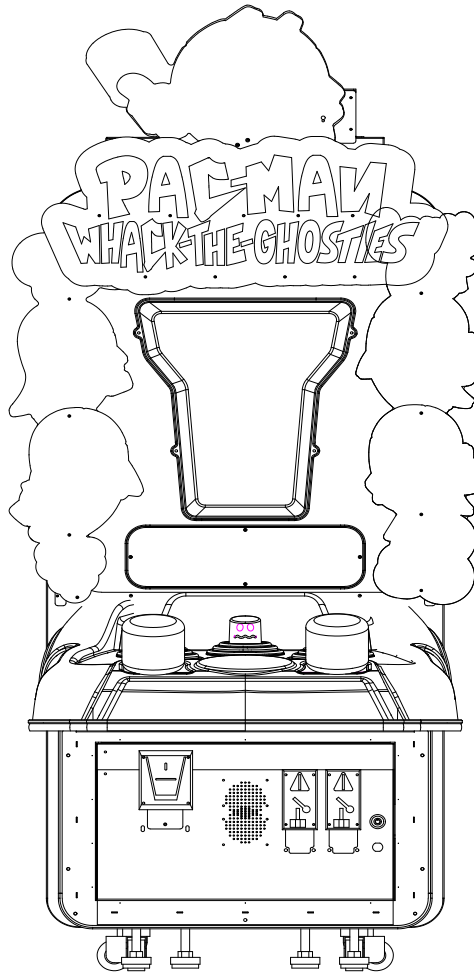


BANDAI NAMCO



PAC-MAN WHACK-THE-GHOSTIES USER MANUAL Ver.2026.02

**Please read this manual before installation and
operation**

To prevent problems caused by incorrect operation, please carefully read this user manual before installing and using the machine, especially the items marked with "Warning".

Please keep this manual properly for future reference

ABSTRACT

- ✧ Safe operation methods and precautions for transportation, installation, movement.
- ✧ Installation and operation methods of the machine.
- ✧ The methods of adjustment functions.
- ✧ The methods of maintenance and upkeep.
- ✧ Troubleshooting and solutions for common faults.
- ✧ Main parts diagrams of the machine.

The logo for Bandai Namco is displayed in a light gray, sans-serif font. It is enclosed within a pink rectangular border that has a small triangular notch at the bottom-left corner, resembling a speech bubble or a stylized frame.

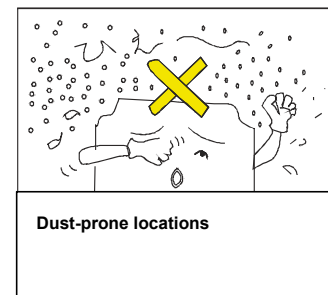
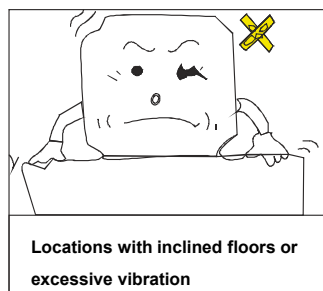
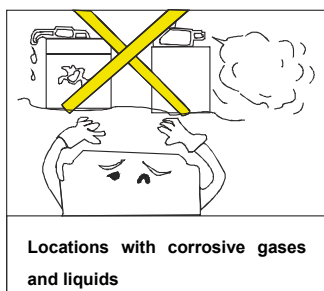
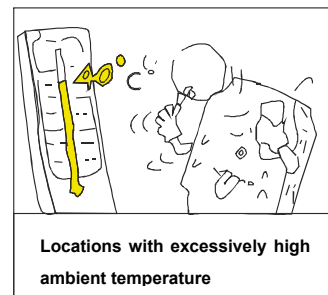
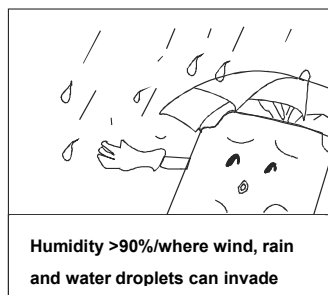
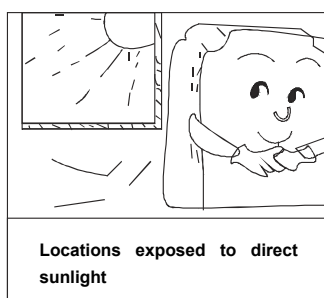
Safety Notes

- 1) Cause the internal part of the machine contains high-voltage electrical components, adjustments must be performed by technical personnel. On-professional personnel is not allowed to inspect or maintain the machine to avoid personal injury or machine damage due to improper operation.
- 2) Before inspection and maintenance, be sure to cut off the machine's power supply first.
- 3) Keep all doors of the machine closed all the time. Turn off the power switch before opening any machine door or cover.
- 4) Fire-fighting equipment must be available nearby to prevent abnormal disasters.

Installation Notes

For safe use and to prevent abnormal damage to the machine, it must be installed in a suitable location.

Unsuitable installation location :



Usage Notes

1) The machine's operating voltage range is 105V ~ 115V/215V ~ 225V, with a rated voltage of 110V/220V. The specific operating voltage shall be in accordance with the nameplate on the machine door. Ensure the correct voltage is used; otherwise, the machine may suffer irreparable damage.

2) Insert the power plug firmly. Ensure the power cord is not pulled too tightly or damaged to prevent personal injury, power short circuits or leakage.

3) For initial use, set up the machine's coin acceptor and game content to ensure it can be put into normal operation.

4) During operation, regularly check all functions of the machine to avoid operating with incomplete game functions, which may affect the gaming experience.

Maintenance and Repair Notes

1) Regularly inspect and maintain the machine to prevent the expansion of faults and ensure all functions work normally.

2) Turn off the machine's power supply before replacing parts to avoid personal injury from the operating machine.

3) Use parts of the same model when replacing accessories; otherwise, the replaced parts may damage other components of the machine.

4) After replacing the power supply, check whether the wiring is

correct and the voltage output is normal. Otherwise, the machine's circuit system may be damaged.

5) The operating voltage of the PCB board must be within the specified range of 12.1V ~ 12.4V. Otherwise, the machine's circuit system may be damaged, or the machine may fail to operate normally.

6) Before sending the PCB board for repair, conduct a leakage check and internal power voltage check on the machine. Only send it for repair if it is confirmed that the PCB board is damaged.

Cleaning and Maintenance Notes

- 1) Wipe the machine with a clean, soft cloth.
- 2) To prevent damage to the machine surface, do not use the following items for cleaning:
 - Deteriorated cleaning agents
 - Acidic cleaning agents
 - Insecticides, disinfectants, alcohol or other chemical products.

Notes During Movement or Transportation

- 1) When disassembling for movement or transportation, pay attention to the correct disassembly method to avoid machine damage due to improper operation.
- 2) Prevent impact or friction on the machine during movement and transportation, as this may cause serious damage to the machine's appearance and structure.

3) Pay attention to the handling method and appearance protection measures during transportation to avoid severe machine damage.

Please note the following labels inside the machine:

High Voltage	High Temperature
	
No Touching	
	

(1) The internal part of the machine contains high-voltage electrical components. Adjustments must be performed by technical personnel. Non-professional personnel are not allowed to inspect or maintain the machine to avoid personal injury or machine damage due to improper operation.

(2) Before inspection and maintenance, be sure to cut off the machine's power supply first.

(3) Keep all doors of the machine always closed. Turn off the power switch before opening any machine door or cover.

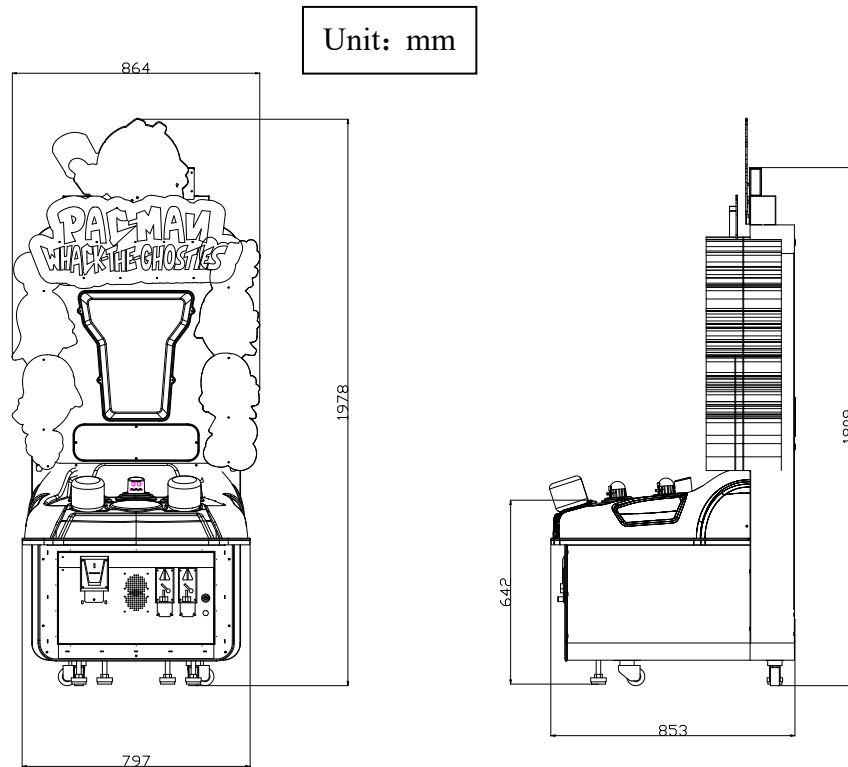
(4) Fire-fighting equipment must be available nearby to prevent abnormal disasters.

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1. Machine Specifications and Technical Parameters



(1) Operating Voltage: AC 220V±10% 50/60Hz;

AC 100V±10% 50/60Hz

(2) Power Consumption: Max 350W/AV. 125W

(3) Overall Dimensions: L864×W853×H1978 (mm)

(4) Weight: Approximately 95 kg

(5) Environmental Conditions : (Indoor)Temperature:-10°C ~ +40°C;

Humidity: ≤90%; Atmospheric Pressure: 86Pa~106Pa.



Warning: After turning off the machine, wait 1 minute before turning it on again.



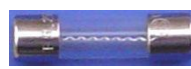
NOTE : The product is continuously improved. Changes to related content will not be notified separately. Thank you for your understanding.

[Note: If there are any changes to the pictures in this manual, please refer to the actual machine.

2. Packaged Accessories List

To ensure normal use of the machine, please carefully check if the following items are complete after opening the packaging box.

Accessories List:

NO.	NAME	Specification/ Material	Quantity	Unit	Diagram	Remarks
1	User Manual	A4	1	This Manual		According to shipment requirements
2	KEY	1285	2	Pieces		Front Door, Rear Door
		1396	2	Pieces		Coin box
3	Spare Fuse	6.3A	6	Pieces		Main Fuse of power supply assembly
4	Spare Fuse	5A	6	Pieces		Fuse board in the rear door interior
5	Power Cord	1.5M 10A	1	Piece		
6	Top Acrylic		1	Piece		
7	Left Side Acrylic (Bottom)		1	Piece		
8	Left Side Acrylic (Top)		1	Piece		
9	Right Side Acrylic (Bottom)		1	Piece		
10	Right Side Acrylic (Top)		1	Piece		

Check if all accessories are complete before opening the package. Contact the machine's distributor for verification if any items are missing.



NOTE: The product is continuously improved. Changes to related content will not be notified separately. Thank you for your understanding.

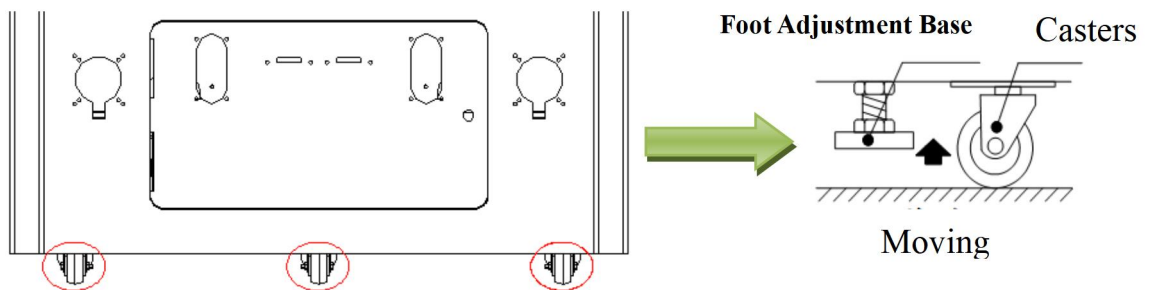
Note:

1. All wearing parts of the machine are not covered by the warranty if damaged due to human factors!
2. Warranty Period for Designated Parts: All motors of the machine are warranted for 6 months; coin acceptors are warranted for 3 months.

3. Movement, Handling and Placement Instructions

3.1 Movement and Handling Methods

The machine is equipped with casters at the bottom. For short-distance movement, raise the foot adjustment base to make the casters touch the ground and push the machine. There is a risk of tipping if the feet hit obstacles on the ground. Therefore, when pushing along the ground, raise the feet to the maximum extent and pay attention to obstacles in the direction of movement and uneven road surfaces.



For short-distance movement of the machine, raise the Fixed Feet adjustment base to make the casters touch the ground and push the machine.

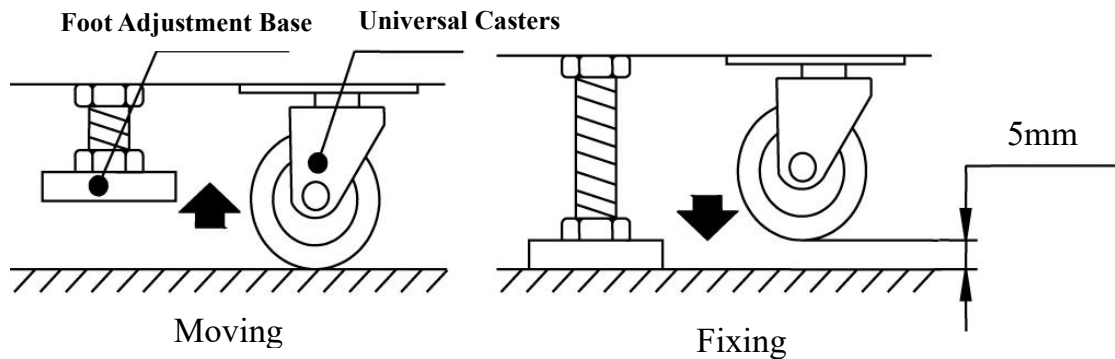
When transporting the machine over uneven surfaces or steps, at least 4 people are required to lift the machine to ensure safety.

For long-distance transportation, when packing or binding and fixing, the machine surface should be wrapped with a layer of soft pad to avoid scratching the machine.

3.2 Machine Fixing Methods

- Place on a flat and non-slip ground.
- Fix the machine using the foot adjustment base at the bottom of the machine (as shown in the figure below):

- ① Loosen the locking nuts of the feet, use a wrench to turn the foot bolts to lift the casters off the ground by about 5mm.
- ② Tighten the locking nuts clockwise to fix.



3.3 Unsuitable Operating Environments

- Places where condensation may occur or high humidity areas.
- Near high-temperature objects.
- Near hazardous materials.
- Slippery or unstable places.
- Near equipment prone to sparking.
- In places with severe vibration.
- In dusty environments.

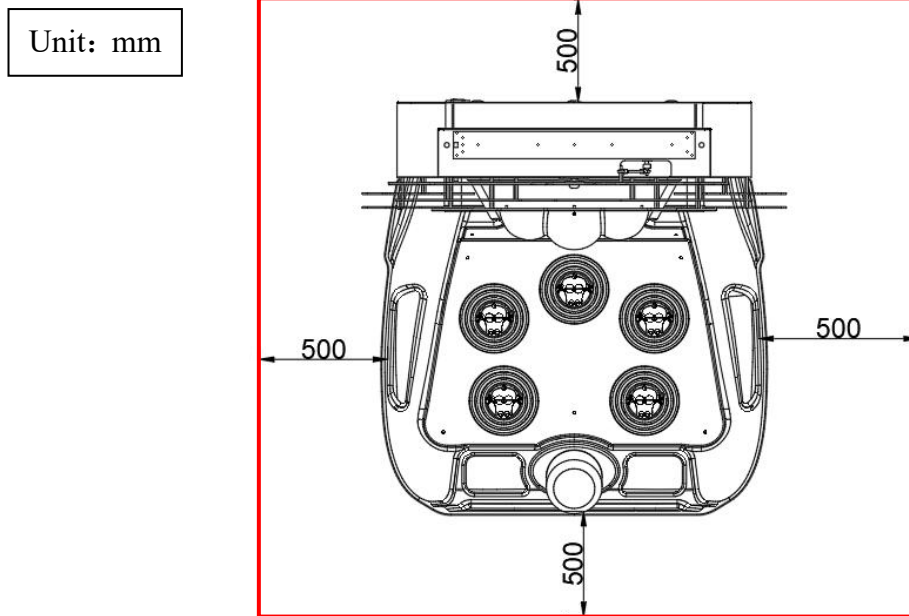
3.4 Placement Site Requirements

 **Warning:** This machine is suitable for indoor use only and not for outdoor use.

 **Warning:** Do not use a forklift to move or place the machine, as this may cause damage to the machine.

3.5 Placement Dimension Requirements

The machine should be placed according to the following dimensions to ensure sufficient space for machine operation and customer safety.



⚠ NOTE: The machine must not be placed on an inclined surface, as placing it on such a surface may easily cause accidents.

⚠ NOTE: The division of game areas shall be subject to the labels attached to each machine.

3.6 Pre-Startup Notes

(1) Check the power voltage parameters. Ensure the electrical parameters of the power supply match the machine's requirements. Otherwise, the machine may be burned or a fire may occur.

(2) Connecting too many wires to the same power socket may cause the socket to overheat and trigger a fire.

**WARNING**

- ❖ Do not arbitrarily change or replace parts during machine installation to avoid fire or short circuit.

4. Wiring and Precautions

- Connect one end of the power cord to the wiring port of the machine's wire box, and the other end to the power socket.
- Connect the power supply according to the voltage marked on the machine. Otherwise, the machine may be damaged.
- To avoid unnecessary damage, ensure the socket is grounded.
- If grounding cannot be achieved through the socket, implement grounding through other means.

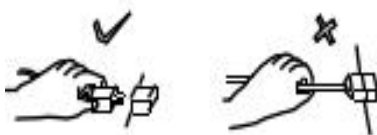


Warning: The operating voltage of this machine is 220V/110V.

Please connect the power supply according to the voltage marked on the machine; otherwise, the machine may be damaged.

**Note:**

- Do not allow heavy objects to press on the power cord, as this may damage the wire and cause a short circuit or even a fire.
- When unplugging the power cord from the socket, grasp the plug instead of the wire.



- Do not unplug the plug with wet hands.
- Do not pull or twist the power cord forcefully, and do not expose the power cord near high-temperature objects.
- The power cord should not be easily kicked or touched by people.
- Use the correct voltage and fuse (refer to technical parameters).

5. Installation and Maintenance

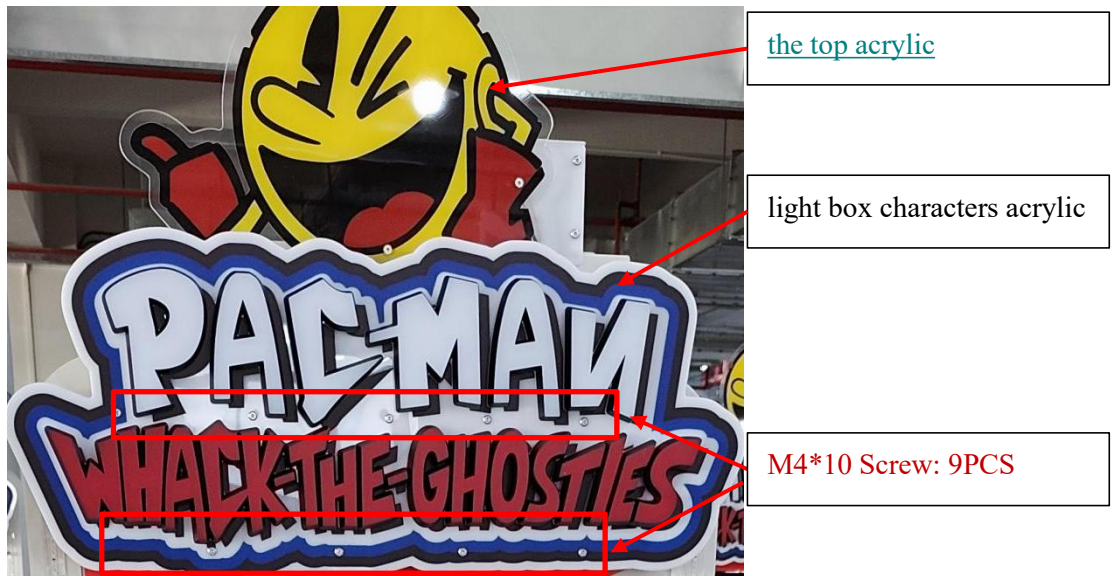
For convenient transportation, the acrylic sheets on both sides and the top acrylic have been disassembled and packaged separately. Please install them according to the following steps after the equipment arrives at the site.

All screws have been reinstalled in their original positions. Remove these screws first during installation.

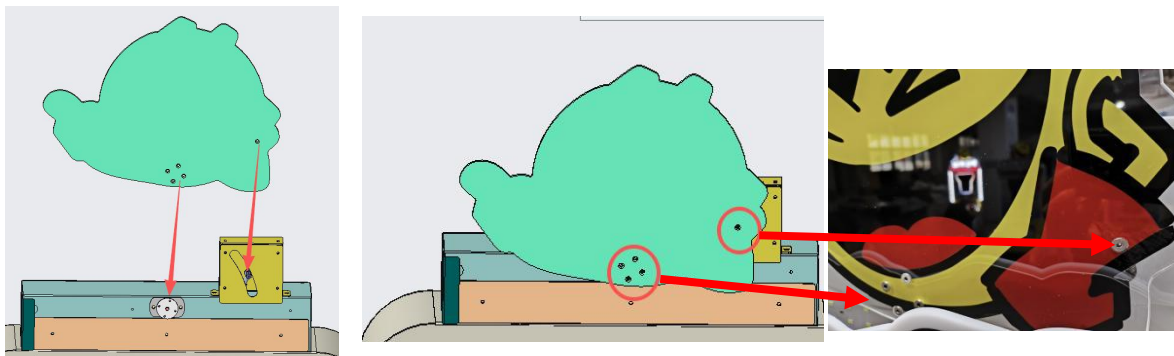
5.1 Install the top acrylic and both side acrylic sheets

5.1.1 Install the top acrylic

1. Turn off the power switch. Loosen the 9 screws (M4*10) on the light box characters acrylic and remove it.

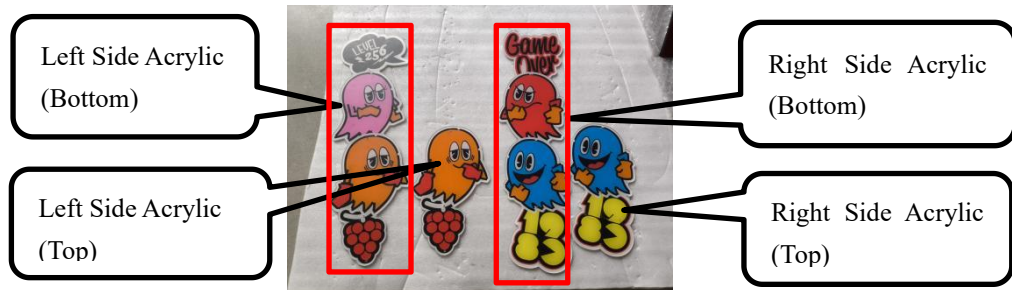


2. Install the top acrylic with the 5 screws(M4*10) as shown in the figure.

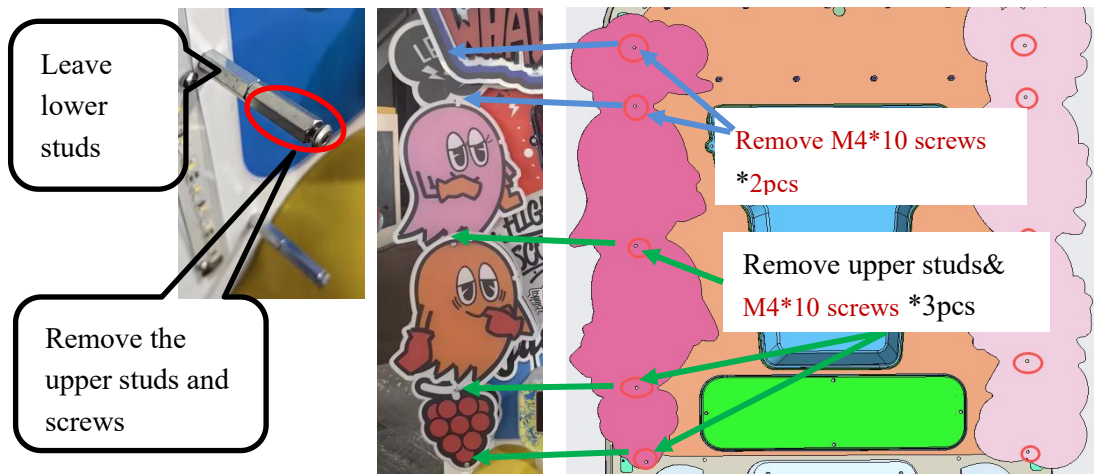


5.1.2 Install both side acrylics

1) Find the left and right side acrylics that need to be installed as shown in the figure:



2) Remove the 5 screws(M4*10) and 3 upper studs, leaving the lower ones. Install left side acrylic (bottom), secured with 2 screws(M4*10) on the top and 3 upper studs on the bottom.



3) Install the left side acrylic (top) on top of left side acrylic (bottom), secured with 3 screws (M4*10) .



Note: Please refer to the same method for installing the right side acrylics.

5.1.3 Reinstall the light box characters acrylic

After installing both side acrylics, reinstall the light box characters acrylic and connect the wiring harness at the back.

1. Secure the light box characters acrylic with 9 screws.



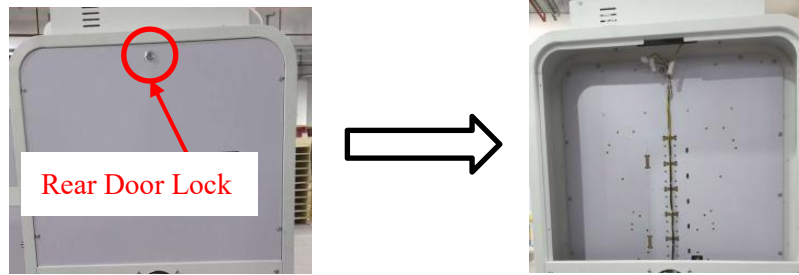
M4*10 Screw: 9PCS

2. Remove the 4 screws (M4*12) on both sides of the rear upper door.



M4*12 Screws: 4PCS

3. Use the 1285 door key to unlock the top door lock and remove the rear upper door.



4. Connect the connecting wires between light box characters acrylic and the main unit which are located at the upper part.



light box characters acrylic and the main unit

Lock the rear door in the reverse order of disassembly.

After installation is complete, plug in the power cord and turn on the machine. Check if all parts of the machine are operating normally. If any abnormal phenomena are found, stop the machine immediately and troubleshoot.

5.2 Appearance Inspection

To ensure the safe use of the machine, be sure to check the following items before powering on:

- Whether the "warning labels" are intact, clearly visible, and correctly pasted.
- Whether the connected power parameters match the machine's requirements.
- Whether the screws of various parts of the machine are loose.
- Whether all connectors are loose and whether the terminals are

disconnected.

- Whether the machine is placed stably and whether the casters and the foot adjustment base are properly adjusted.
- Whether the machine placement area is suitable.

5.3 Operation Inspection

- Whether the speakers produce sound normally.
- Whether the lights are working normally.

5.4 Maintenance and Upkeep

- Before operation every day, test the machine to ensure it is functioning normally before use.
- When the machine is dirty or dusty, wipe it clean with a soft cotton cloth coated with a cleaning agent.
- After the new machine has been operating for one month, check whether all parts are normal.
- Inspect the machine regularly.

5.5 Cleaning

- Machine Shell:

Wipe off dirt on the machine surface with a clean, soft cotton cloth.

- Exhaust Fan:

The exhaust fan is one of the main tools for heat dissipation inside the machine. Ensure the exhaust fan is clean and functioning normally, and the air outlet is unobstructed.

**Warning:**

- **Turn off the power supply before maintaining or repairing the machine.**

To avoid short circuits, relevant personnel must turn off the power supply before touching internal components of the machine. If power supply is required for the operation, it must comply with the requirements of the operation manual.

- **Ensure the correct accessories are used when replacing parts.**

Using incorrect accessories may cause electrical short circuits, damage to the motherboard and components.

- **Do not arbitrarily disassemble, assemble, or modify the equipment.**

This may cause electrical short circuits, mechanical failures, etc., and in severe cases, may lead to fires.

- **Do not place vases, cups, containers filled with water, chemicals, or heavy objects on the machine.**

Spilled liquids may cause electrical short circuits and damage components, and falling objects may injure people and damage the machine.

- **Do not place items at the air outlet of the machine.**

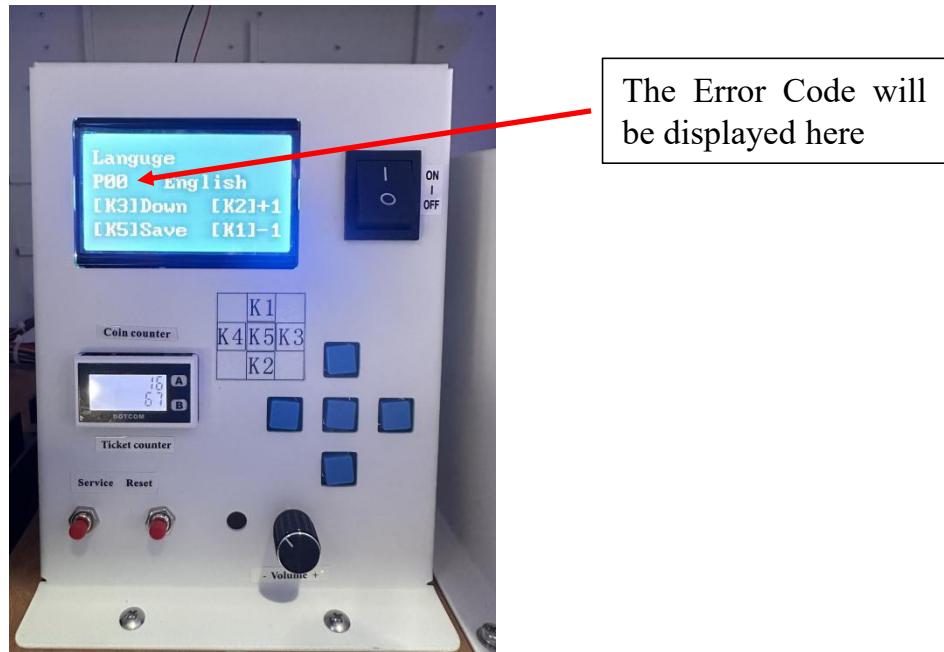
Blocking the air outlet will cause the internal temperature of the machine to rise, affecting the normal operation of the game and even damaging components.

- **Do not arbitrarily repair the machine.**

This may cause short circuits, operational failures, and other malfunctions.

6. Fault Analysis and Troubleshooting

Fault Phenomenon	Possible Causes	Troubleshooting Measures
Cannot Insert Coins	1) Coin acceptor not adjusted properly. 2) Counterfeit coin stuck in the coin slot.	1) Adjust the coin acceptor and token tolerance trim potentiometer. 2) Remove the stuck counterfeit coin.
No Ticket Output	1) No 12V voltage input to the Ticket dispenser. 2) Ticket dispenser drive signal or ticket cancellation signal wire loose. 3) Ticket pressure wheel not lowered to press the tickets. 4) Failure of the Ticket dispenser drive or ticket cancellation port on the motherboard. 5) Motherboard not set to ticket output mode.	1) Check the power supply output voltage and wiring. 2) Check the voltage change and wiring of the drive and ticket cancellation signals. 3) Lower the pressure wheel to press the tickets. 4) Replace the motherboard. 5) Set the motherboard to ticket output. (Referring to Page30~31. Parameter Setting Operation P01)
No Machine Music	1) Volume set too low. 2) Sound output signal wires disconnected. 3) Speaker failure. 4) Sound power amplifier failure. 5) Motherboard failure. 6) Motherboard not set to music play mode.	1) Turn up the volume. (Referring to Page30. Parameter Setting Operation) 2) Connect the wires properly. 3) Replace the speaker. 4) Replace the motherboard. 5) Reconnect the audio connection. 6) Set the motherboard to music play mode. (Referring to Page30~31. Parameter Setting Operation P04 or P05)
No Machine Movement	1) No power input to the machine. 2) Power switch not turned on. 3) Power fuse blown. 4) No voltage output from the power supply. 5) No power supply voltage to the motherboard. 6) Motherboard failure.	1) Turn on the power switch and plug in the power cord plug. 2) Turn on the main power switch at the lower part of rear door and sub power switch inside the Front Panel. 3) Eliminate the circuit short circuit and replace with a new fuse (main fuse of power supply or fuse board in the rear door interior). 4) Replace the power supply. 5) Connect the motherboard power supply wires. 6) Replace the motherboard.

**Error Code Table**

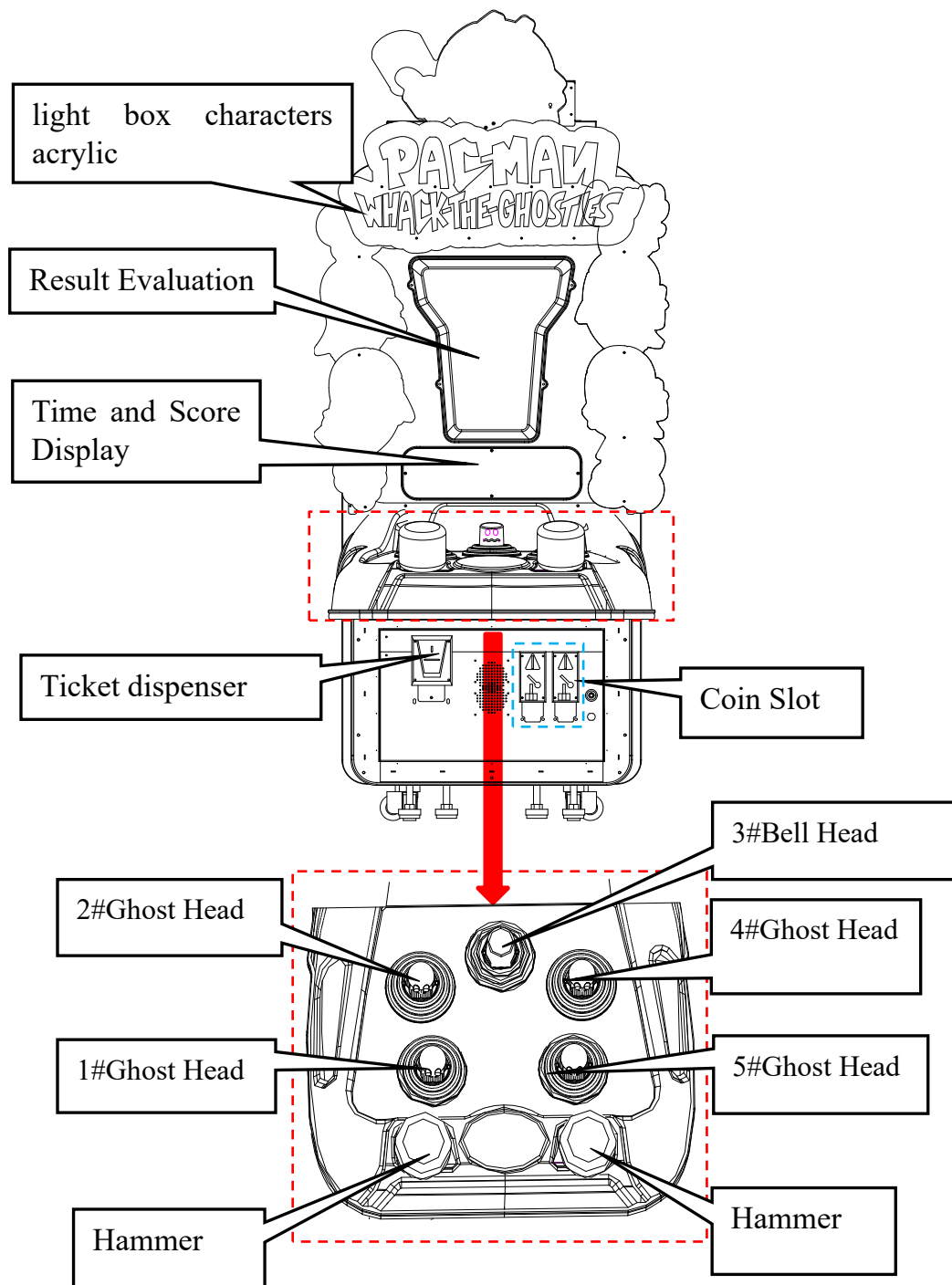
Code Number	Error Content	Possible Problems
E01	Coin Insertion Signal Abnormal	Check for stuck coins/ Short circuit of the coin insertion signal
E02	Ticket Output Signal Abnormal	No tickets/ Stuck tickets/ Damaged ticket dispenser/ Ticket dispenser line failure

7. Game Instructions

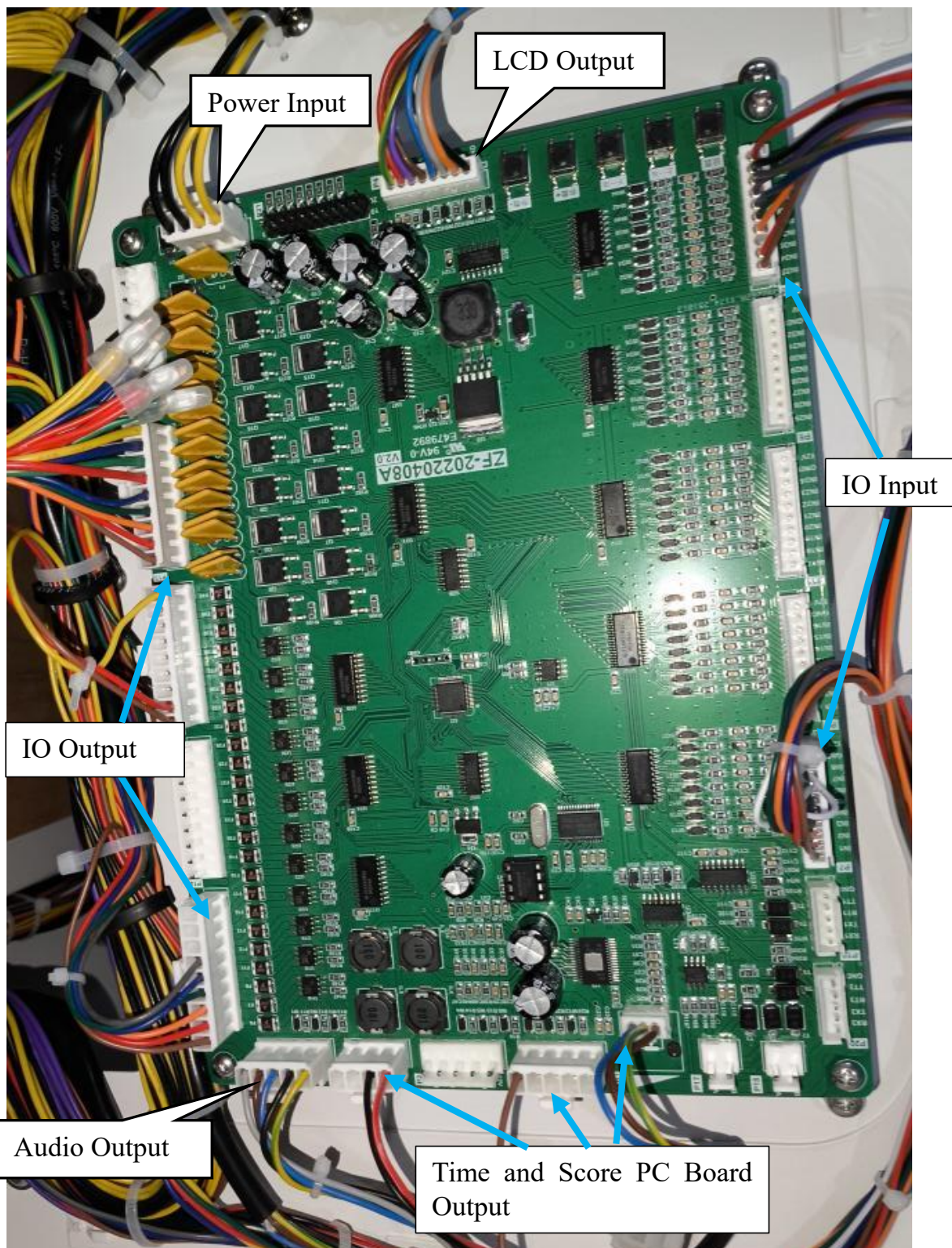
7.1 Gameplay Instructions

- (1) Insert coins to start the game.
- (2) Pick up the hammer and hit the popping ghost heads and bell head.
- (3) The more hits, the higher the score and the more tickets obtained.
- (4) When the set time is exceeded, the gameplay ends.

7.2 Game Frame Instructions



7.3 Motherboard Input/Output Instructions



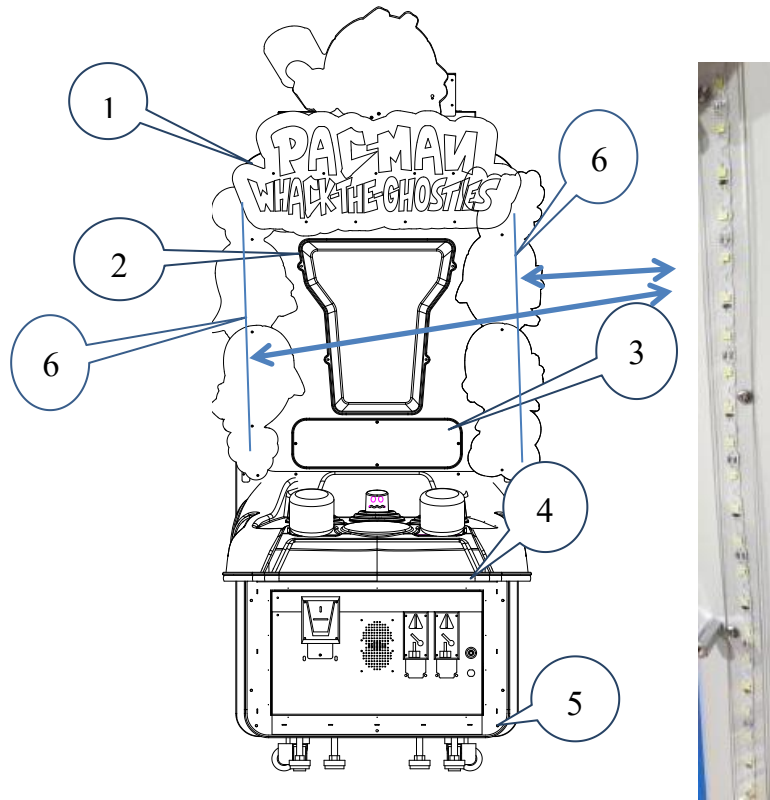
8. Parts Details

8.1 Artwork Sticker Details



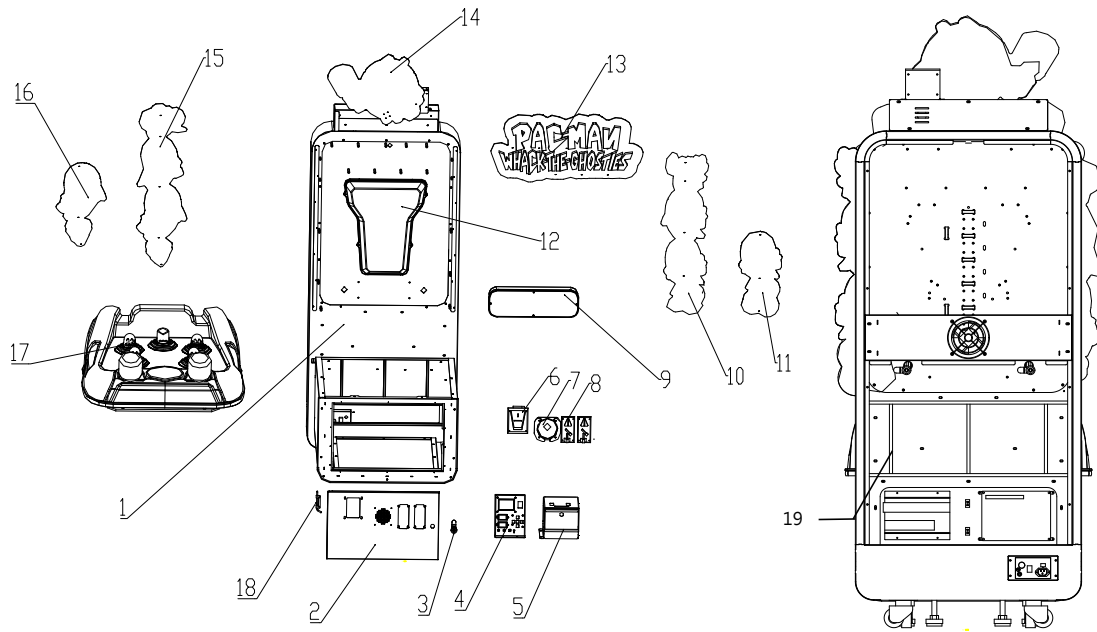
No.	Name	Specification/ Material	Quantity	Part No.
1	Background Sticker	Adhesive Backed	1	725-831
2	Console Blister Sticker B	Adhesive Backed	Left:1	752-832
			Right :1	752-833
3	Side Panel Sticker	Adhesive Backed	Left:1	752-834
			Right :1	752-835
4	Door Frame Sticker	Adhesive Backed	1	752-836
5	Console Blister Sticker C	Adhesive Backed	1	725-837
6	Console Blister Sticker D	Adhesive Backed	1	725-838
7	Console Blister Sticker A	Adhesive Backed	1	725-839

8.2 Light Strip Indication



No.	Name	Specification or Material	Quantity	Unit	Part No.
1	light box light	Finished Product	1	Strip	752-896
2	Blister Edge Light	2835/5mm/12V/60 LEDs/White/1.5m	1	Strip	752-897
3	Time and Score Display Light	5050/6mm/12V/60 LEDs/RGB/1.0m	1	Strip	752-898
4	Console Light	5050/6mm/12V/60 LEDs/RGB/1.95m	1	Strip	752-899
5	Front Door Light	5050/6mm/12V/60 LEDs/RGB/1.35m	1	Strip	752-900
6	Side Organic Lights	S-Type 2835/5mm/12V/60 LEDs/White/0.8m	2	Strip	752-901

8.3 Main Unit Details

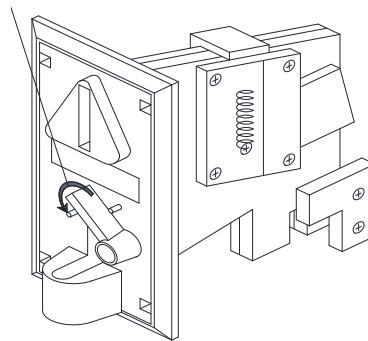


No.	Name	Specification and Material	Quantity	Part No.
1	Main Cabinet	Sheet Metal Weldment	1	-
2	Front Panel	Q235 1MM	1	-
3	Door Lock	1285	1	752-885
4	Meter Fixing Assembly	Assembly	1	-
5	Coin Box Assembly	Assembly	1	-
6	Ticket dispenser	Universal	1	752-886
7	Speaker	Universal	1	752-887
8	Coin Acceptor	Universal	2	752-888
9	Time and Score Assembly	Assembly	1	-
10	Right Side Acrylic(Bottom)	Acrylic Sheet	1	752-889
11	Right Side Acrylic(Top)	Acrylic Sheet	1	752-890
12	Result Evaluation Assembly	Assembly	1	-
13	Light Box Characters Acrylic	Fabricated Part	1	752-891
14	Light Box Acrylic	Transparent Acrylic 5MM	1	752-892

No.	Name	Specification and Material	Quantity	Part No.
15	Left Side Acrylic(Bottom)	Transparent Acrylic 5MM	1	752-893
16	Left Side Acrylic(Top)	Transparent Acrylic 5MM	1	752-894
17	Console Assembly	Assembly	1	-
18	Door Latch	Purchased Part	1	752-895
19	Rear Door Part	Assembly	1	-

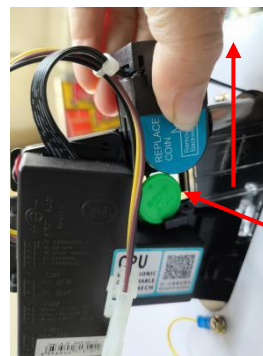
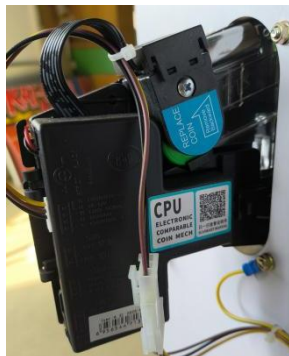
8.3.1 Coin Acceptor Instructions

When a coin is stuck in the coin acceptor, toggle the button as shown in the figure to eject the coin. If the coin still cannot be ejected, disassemble the coin acceptor and remove the coin.



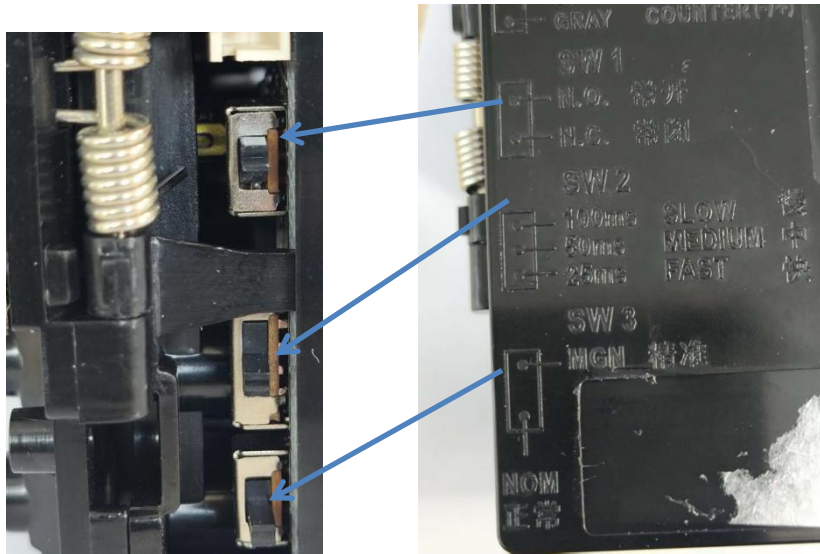
Instructions for Using the Electronic Comparison Coin Acceptor :

A. Remove the plastic coin from the coin clamping slot and replace it with the coin to be used.



plastic coin

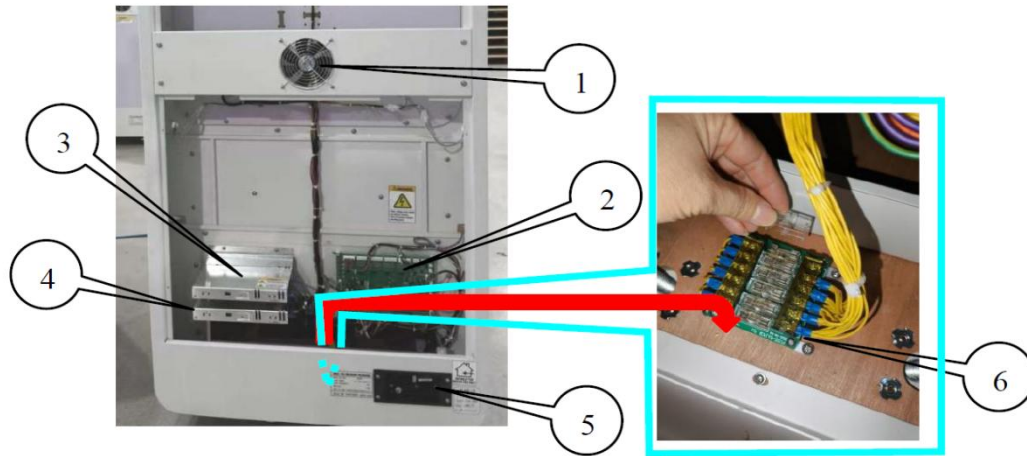
- B. Generally, N.O (Normally Open) is used.
- C. The machine's set signal is 50ms medium-fast.
- D. Set the sensitivity of coin sorting to precise.



E. Wiring Instructions:

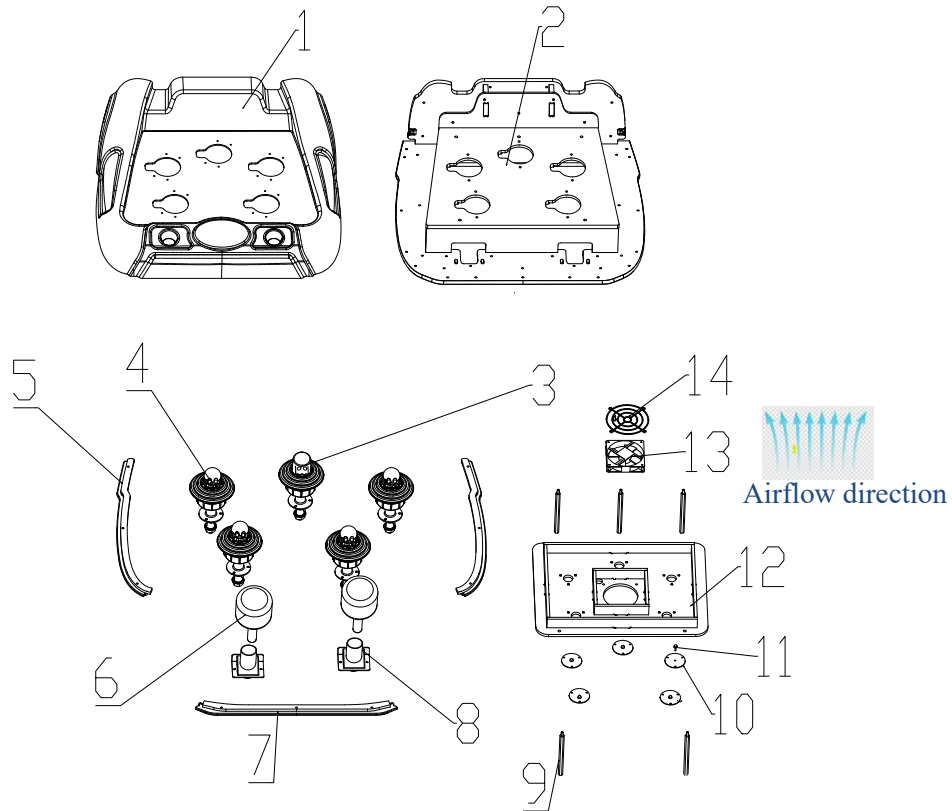
- (1) Gray Wire/ Red Wire - DC+12V
- (2) White Wire - COIN Signal
- (3) Black Wire - Ground Wire
- (4) Gray Wire

8.3.2 Rear Door Parts



No.	Name	Specification or Material	Quantity	Picture	Part No.
1	Fan	12V	3		752-840
2	Motherboard	ZF-20210909A	1		752-841
3	Power Supply	LRS-350-12V	1		752-842
4	Power Supply	LRS-350-24V	1		752-843
5	Power Supply Assembly	Assembly	1		-
6	Fuse Board	FUSE-6A.PCB V1.1	1		-
7	Fuse	5A	6		752-844

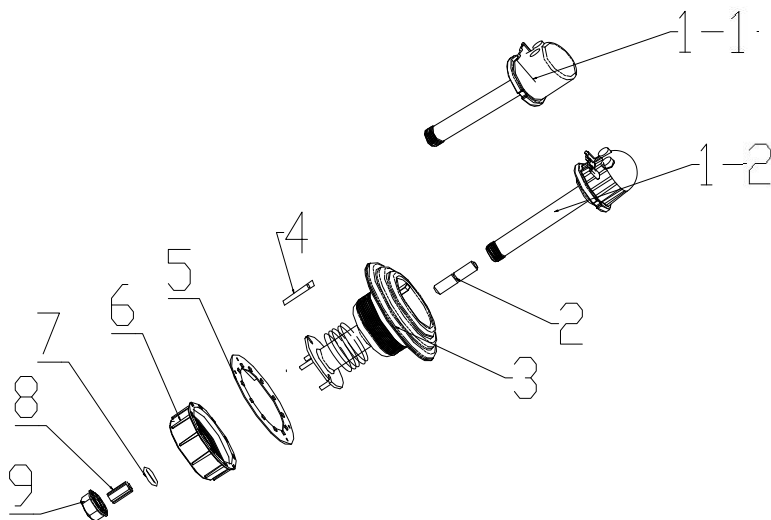
8.3.3 Console Assembly Details



No.	Drawing No.	Name	Specification and Material	Quantity	Part No.
1	CDRTX-05-02	Console Blister	Acrylic Blister	1	752-845
2	CDRTX-02-06M	Console Wooden Frame	Wooden Board	1	-
3		Bell Head Assembly	Assembled with Various Materials	1	752-846
4		Ghost Head Assembly	Assembled with Various Materials	4	752-847
5	CDRTX-03-18	Console Light Board #2	Winter Melon White 8MM	Left:1 Right :1	752-848 752-849

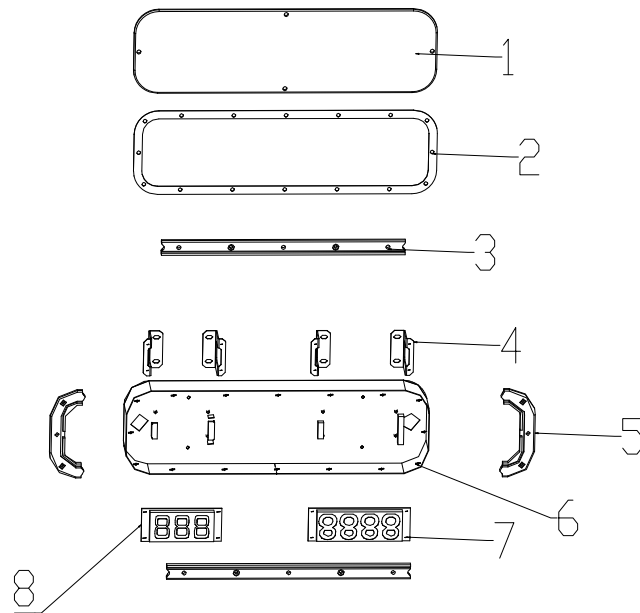
No.	Drawing No.	Name	Specification and Material	Quantity	Part No.
6		Hitting Hammer	With Green Rope	2	752-850
7	CDRTX-03-17	Console Light Board #1	Winter Melon White 8MM	1	752-851
8	CDRTX-01-17	Hitting Hammer Mounting Part	Q235 White Plastic Coated	2	752-852
9	CDRTX.04.05	Base Plate Fixed Column	Q235	5	752-853
10	CDRTX-01-19	Shock-Absorbing Rubber Fixing Plate	201 2MM	5	752-854
11		Silicone Plug	φ4 Pointed Long Tail Type	5	752-855
12	CDRTX-02-09M	Shockproof Rubber Fixing Plate	9MM Double-Sided Medium Density Fiberboard	1	-
13		Fan	12V/CE Certified	1	752-856
14		Fan Grill		1	752-857

8.3.3.1 Hitting Assembly Details



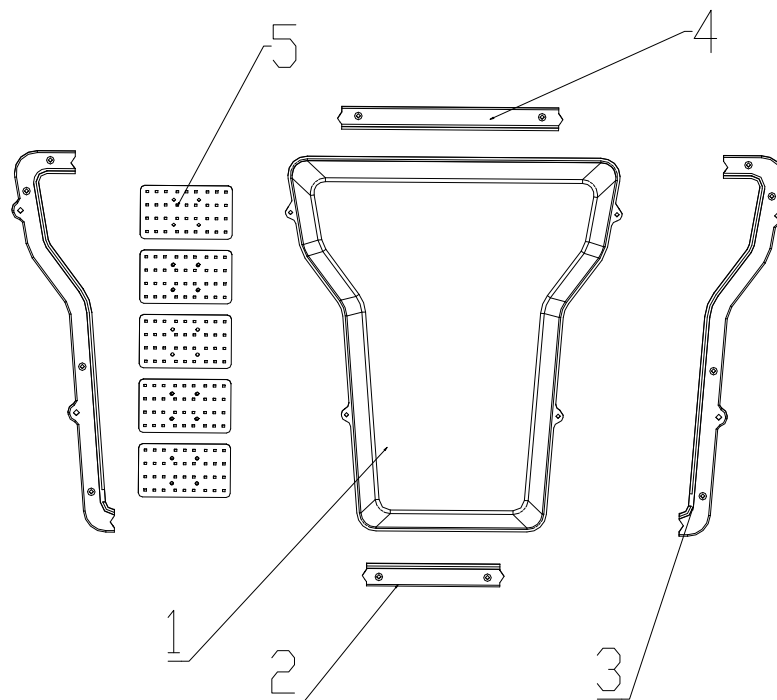
No.	Name	Specification and Material	Quantity	Part No.
1-1	Ghost Head with Rod	Injection Molded Part	4	752-858
1-2	Bell Head with Rod	Injection Molded Part	1	752-859
2	Magnet		2	752-860
3	Housing	Injection Molded	1	752-861
4	Hall Board	HEG.PCB V1.0	1	752-863
5	LED Ring Board	TXEYD Hole Lamp PCB Ver-2.0	1	752-864
6	Large Nut	Injection Molded Part	1	752-865
7	Rubber Ring	Purchased	1	752-867
8	Magnet Plug	Injection Molded Part	1	752-868
9	End Nut	Injection Molded Part	1	752-869

8.3.4 Time and Score Assembly Details



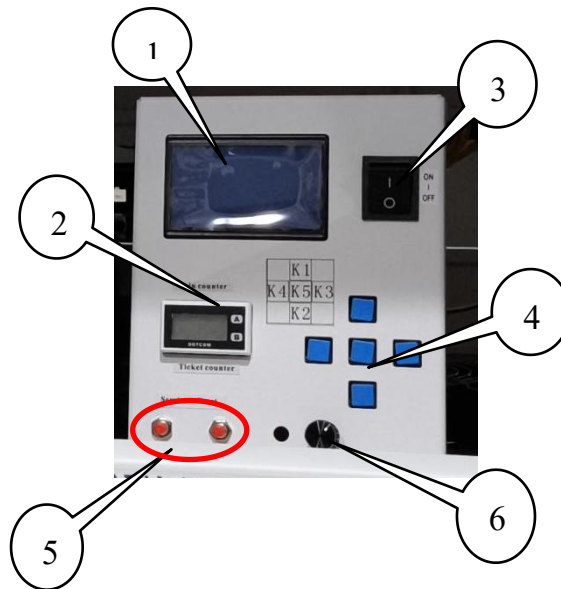
No.	Name	Specification and Material	Quantity	Part No.
1	Time and Score Decorative Board	Transparent Organic 5MM with Silk Screen	1	752-870
2	Time and Score Light Strip Press Sheet	1mm PC	1	752-871
3	Time and Score Light Board B	Winter Melon White 8MM	2	-
4	Time and Score Fixing Part	Q235 1.2MM	4	-
5	Time and Score Light Board A	Winter Melon White 8MM	2	-
6	Time and Score Base	Q235 Weldment	1	-
7	Score PC Board	SMG15102-595-4W.PCB V1.2	1	752-872
8	Time PC Board	SMG15102-3W.PCB V3.0	1	752-873

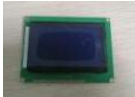
8.3.5 Result Evaluation Assembly Details



No.	Name	Specification and Material	Quantity	Part No.
1	Jackpot Blister	With Silk Screen Image	1	752-874
2	Jackpot Edge Light B	Winter Melon White 8MM	1	-
3	Jackpot Edge Light C	Jackpot Edge Light C	Left:1 Right :1	-
4	Jackpot Edge Light A	Winter Melon White 8MM	1	-
5	Score Light Board	QQL_LED_D.PCB V2.0	5	752-875

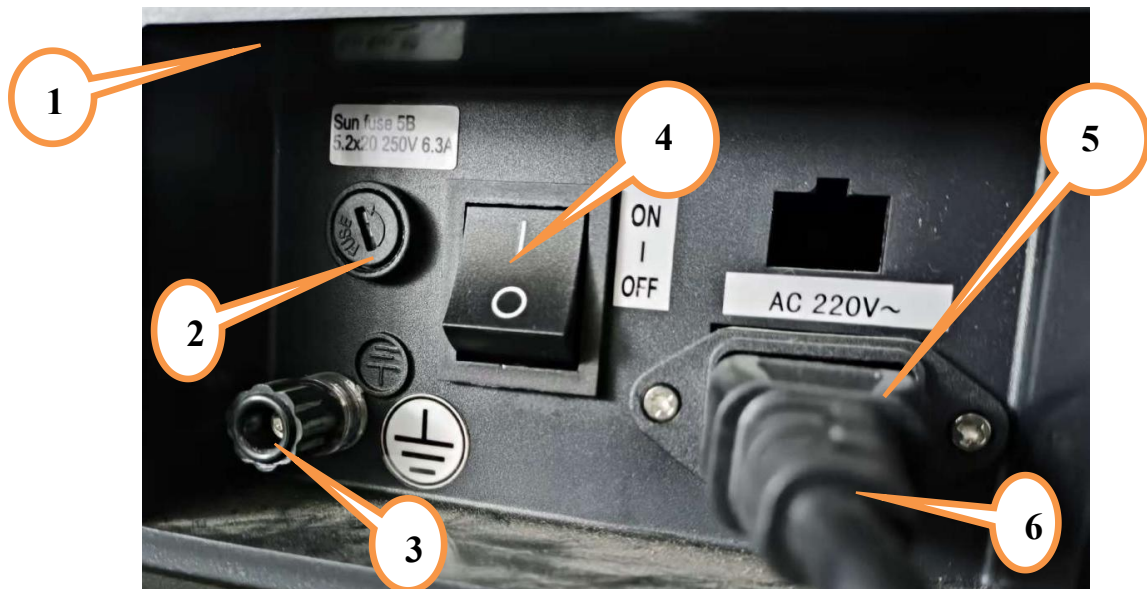
8.3.6 Meter Assembly



No.	Name	Specification and Material	Quantity	Picture	Part No.
1	LCD Display	12864 Blue Screen 5V	1		752-876
2	Electronic Counter	DC-228/150CPS/with backlight/ no reset button	1		752-877
3	Rocker Switch	BBJ601	1		752-878

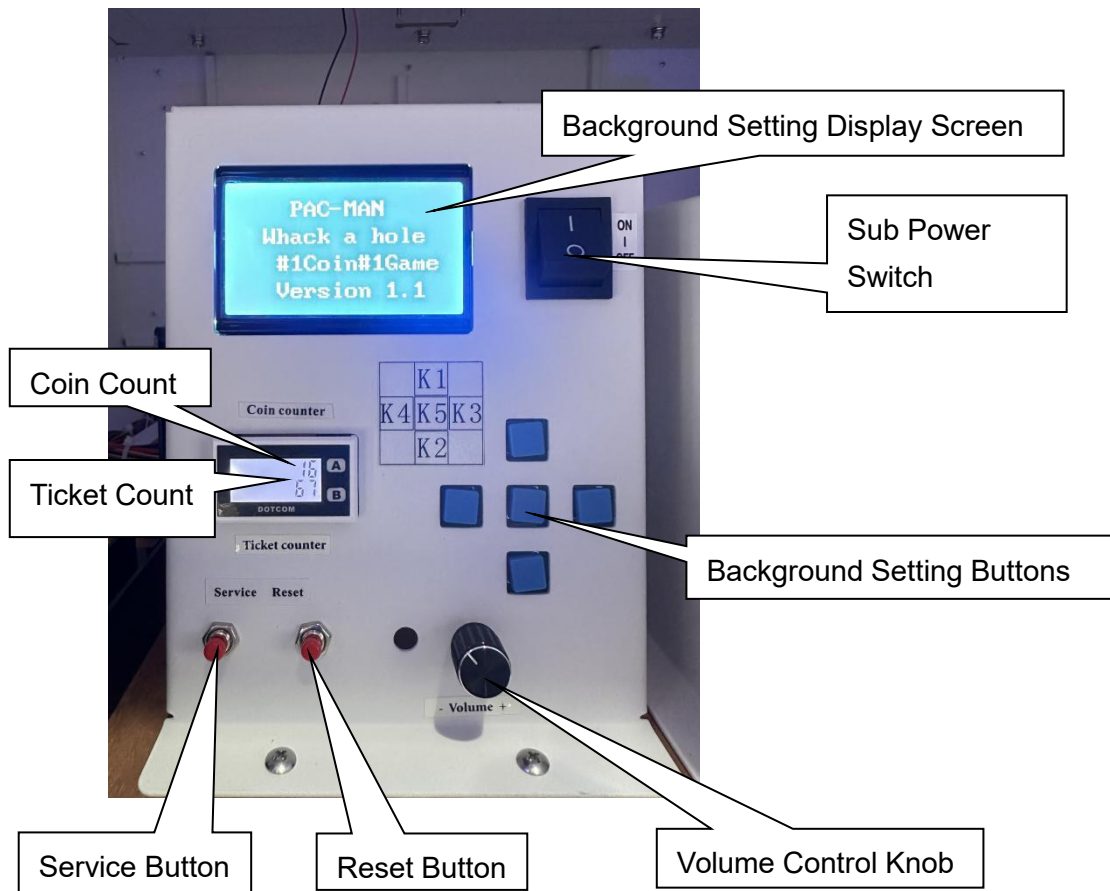
No.	Name	Specification and Material	Quantity	Picture	Part No.
4	Setting Button Panel	ZF-20210720B	1		752-879
5	Small Buttons	Red	2		752-880
6	Volume Potentiometer with Cover	Dual gang 50KB	1		752-881

8.3.7 Fuse and Power Supply Components



No.	Name	Specification or Material	Quantity	Part No.
1	Wire Box		1	-
2	Holder Main Fuse	HJMF-527, internally installed 6.3A fuse	1	- 752-882
3	Ground Wire Post	Universal	1	-
4	Main Switch	BBJ601/4 Pins	1	752-883
5	Power Socket			-
6	Power Cord	Power Cord 1.5M 10A	1	752-884

9. Parameters Setting Operations



LCD Display: Shows machine parameter settings, version number, game mode (I/O TEST is test mode).

Parameter Setting Buttons: Cooperate with the LCD display, with up K2, down K1, left K4, right K3, and save K5 buttons.

Reset Button: Error reset button. Press this button to restore normal game operation when the machine malfunctions and cannot operate.

Service Button: Manual Coin Insertion

Volume Control Knob: Rotate clockwise to increase the machine volume; rotate counterclockwise to decrease or mute the volume.

Counters: Display the total number of coins inserted and tickets issued by the machine.

Parameter Setting Method

1、Enter Setup Mode

Press and hold the K5 button to enter the parameter setting interface.

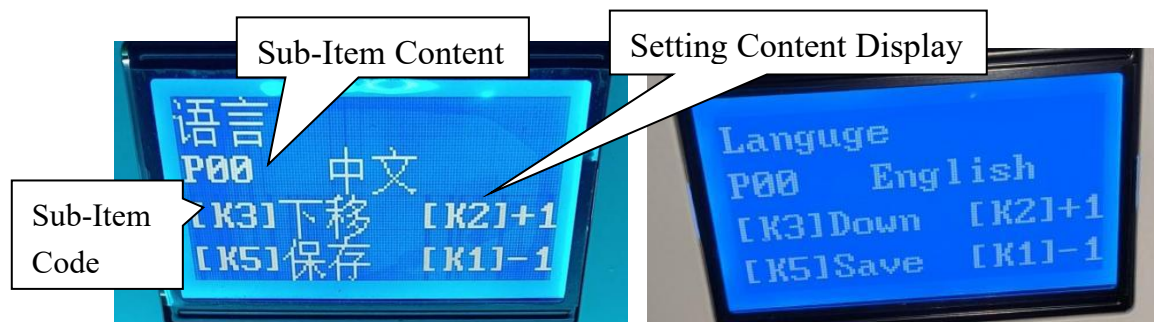
2、Use the K3 button to select the next sub-item (short press to move down) or the K4 button to move to the previous sub-item (short press to move up).

3、Press the K2 button to increase its value (press and hold for rapid increase). Press the K1 button to decrease its value (press and hold for rapid decrease).

4、Set the corresponding values according to the provided parameter setting table.

5、Save & Exit

Once all settings are complete, press the K5 button to save and exit the parameter setting function.



Parameter Setting Table					
Item	Sub-Item Code	Sub-Item Content	Value Range	Factory Setting	Content Description
Parameter Settings	P00	Language Selection	0-1	0	0: Chinese, 1: English
	P01	Ticket Output Enable	0-1	1	0: Disable, 1: Enable
	P02	Data Saving	0-1	0	0: Not saved, 1: Saved
	P03	Free Game	0-1	0	0: Coin required,

					1: Free game
Item	Sub-Item Code	Sub-Item Content	Value Range	Factory Setting	Content Description
Parameter Settings	P04	Demo Music Playback	0-1	1	0: Not played, 1: Played
	P05	Game Music Playback	0-1	1	0: Not played, 1: Played
	P06	Coins per Game	1-10	1	Number of coins required per game
	P07	Points per Ticket	1-200	5	Score points required for 1 ticket
	P08	Game Time	0-3	2	0: 30 seconds 1: 45 seconds 2: 60 seconds 3: 90 seconds
	P09	Alarm Sound Playback	0-1	1	0: Not played 1: Played
	P10	Consolation Prize Setting	0-10	0	Number of tickets
	P11	Hole Score	1-200	10	Score per hit
	P12	GIVE UP Score Light	1-250	10	100≤Final Result < 300,the light will be on. (100=Give up score factory setting value×10; 300=Try hard score factory setting value ×10; Apply the same logic to the following.)
	P13	TRY HARD Score Light	1-250	30	300≤Final Result < 500,the light will be on.
	P14	NOT BAD Score Light	1-250	50	500≤Final Result < 800,the light will be on.
	P15	GOOD Score Light	1-250	80	800≤Final Result < 1500,the light will be on.
	P16	EXPERT	1-250	150	Final Result≥1500,the light

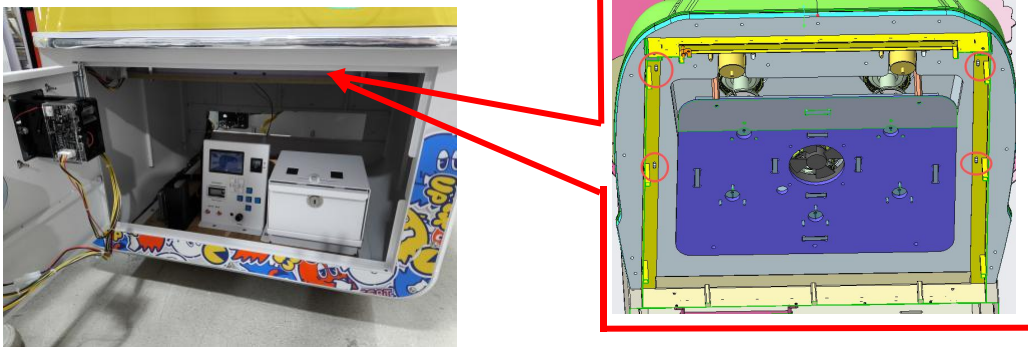
		Score			will be on.
Item	Sub-Item Code	Sub-Item Content	Value Range	Factory Setting	Content Description
Parameter Settings	P17	Peripheral Light Color	0-7	2	0: Red 1: Green 2: Blue. 3: Yellow 4: Cyan 5: Purple 6: White 7: Random
	P18	Restore Factory Settings	0-1	0	0: No operation 1: Restore factory settings

10. Parts Installation and Replacement Instructions

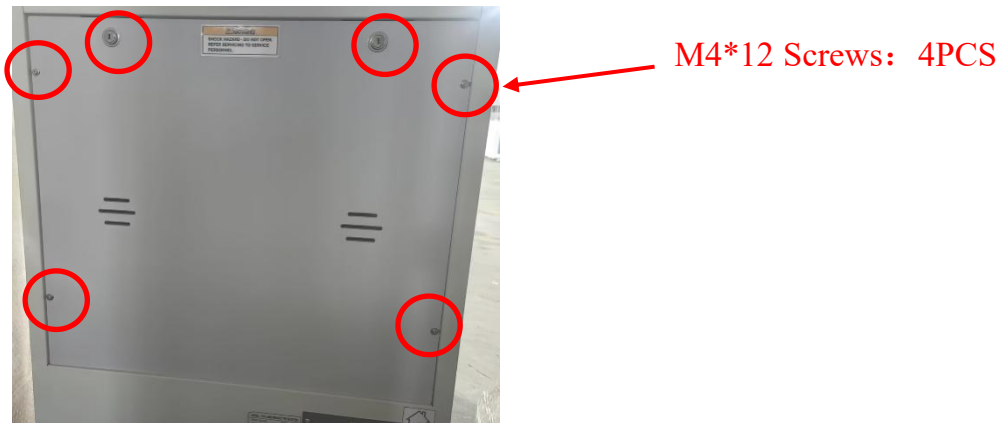
Note: All parts replacement must be performed with **the power supply disconnected**.

10.1 Replacing the LED ring board

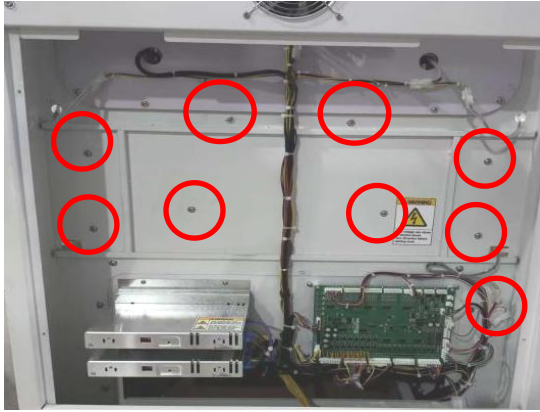
(1) Turn off the power supply. Open the front door, find the 4 screws(M6*16) at the positions shown in the following figure.



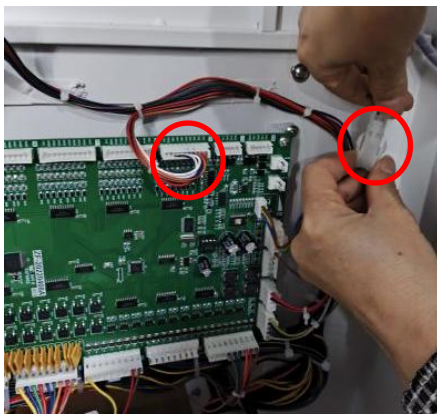
(2) Remove the 4 screws(M4*12) on both sides of the lower rear door. Unlock the lower rear door with



(3) Unscrew the screws as shown in the figure.



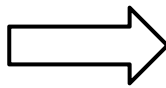
(4) Disconnect the connecting cable between the console and the mother board.



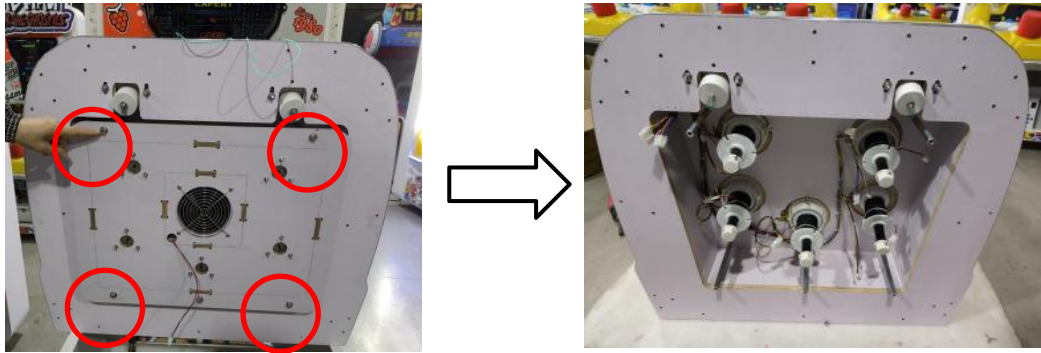
(5) Lift the entire console assembly upwards, stand it up, and move it to a flat surface.



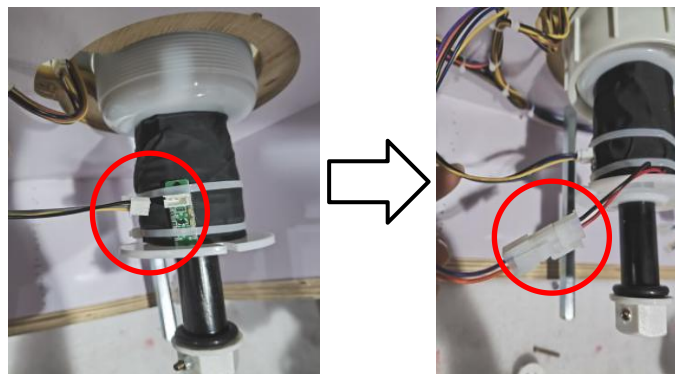
console assembly



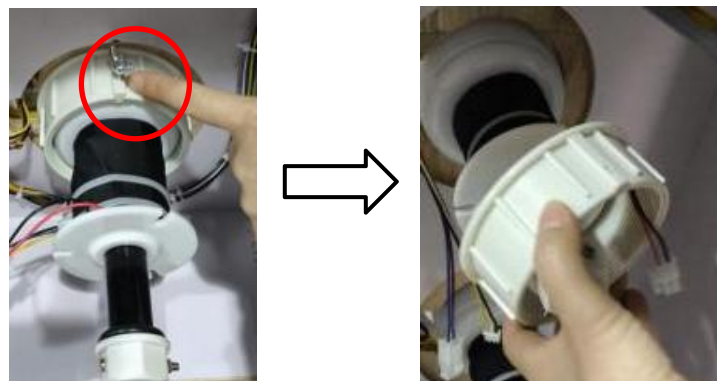
(6) Loosen the 4 screws as shown. Remove the cover plate.



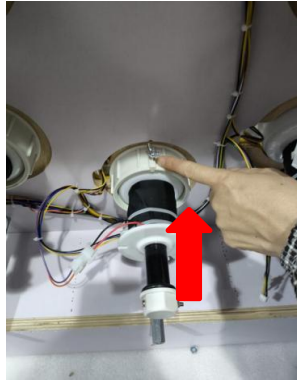
(7) Disconnect the Hall board and solenoid connection terminals on the component.



(8) Unscrew the wing bolt on the assembly to be replaced by hand. And then Unscrew the large nut.



(9) Push the head assembly upwards to remove the entire assembly for replacement.



- (10) Disconnect the LED ring board at this connection point.



- (11) After replacing the LED ring board, align the holes on the light ring with the positioning posts on the hitting assembly and install it onto the blister console.



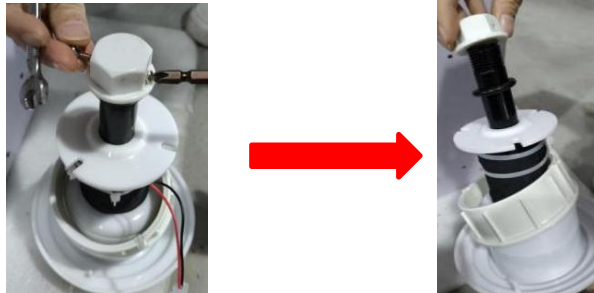
Reassemble in the reverse order of disassembly.

10.2 Replacing the head assembly

- (1) Refer to steps 1-9 of the 10.1 replacing the LED ring board to remove the head assembly.



- (2) Loosen the screw at the bottom of the hitting assembly and remove it.

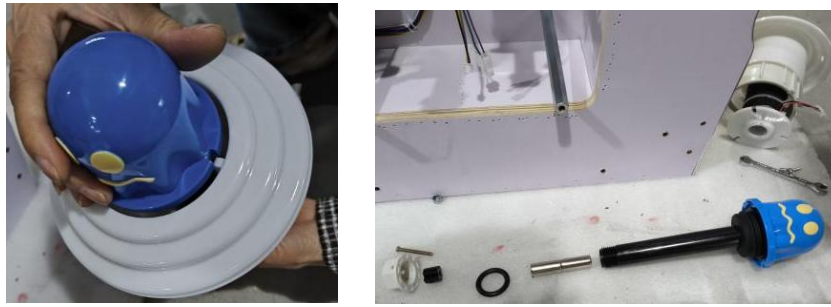


- (3) Push out the magnet Plug. Push the magnet downwards to remove it.



- (4) Lift the ghost head upwards to remove the ghost head rod for replacement.

(To replace the bell head assembly and another component, follow the same procedure.)



Note: During subsequent installation, the magnet direction must be correct and cannot be reversed.

After the solenoid is installed, power it on for a test. Determine whether the solenoid is installed correctly by checking the lifting direction of the doll. If the doll fails to lift and lower properly, the solenoid's orientation needs to be adjusted.

Reassemble in the reverse order of disassembly.

10.3 Replacing the hall board

(1) Refer to steps 1-9 of the 10.1 replacing the LED ring board to remove the head assembly.

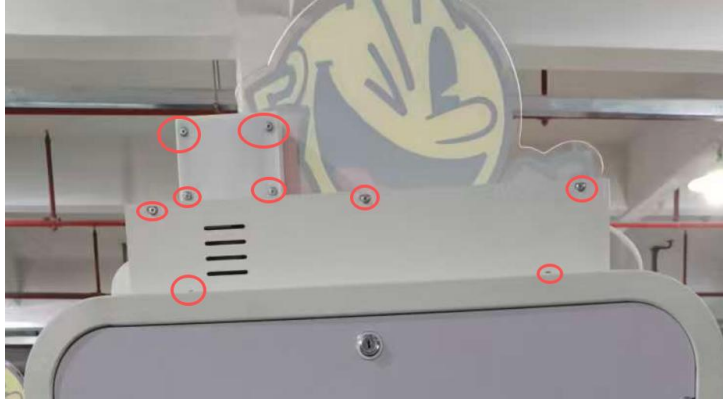


(2) Cut off the fixing cable ties, replacing with the new hall board, and then secure it with new cable ties.

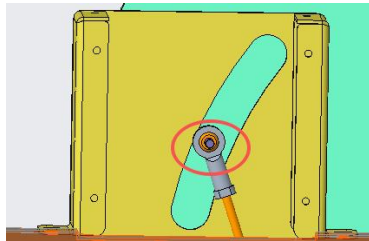


10.4 Replacing the Motor of Light Box Acrylic

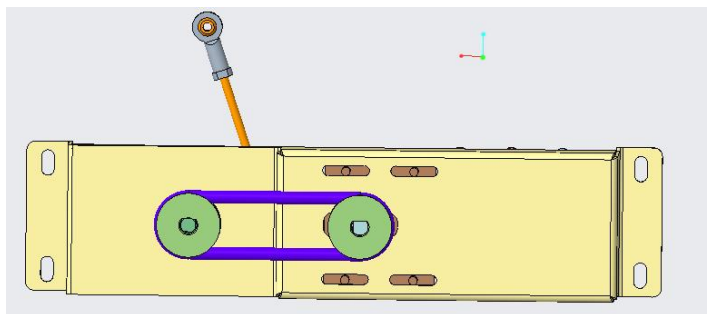
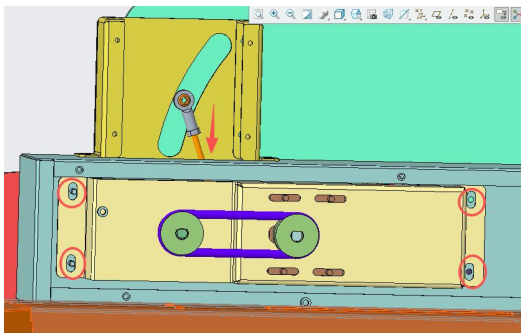
1. First, loosen the 9 pcs of M4*10 screws at the upper part of the machine's back as shown in the figure, then remove the shielding sheet metal and acrylic panel.



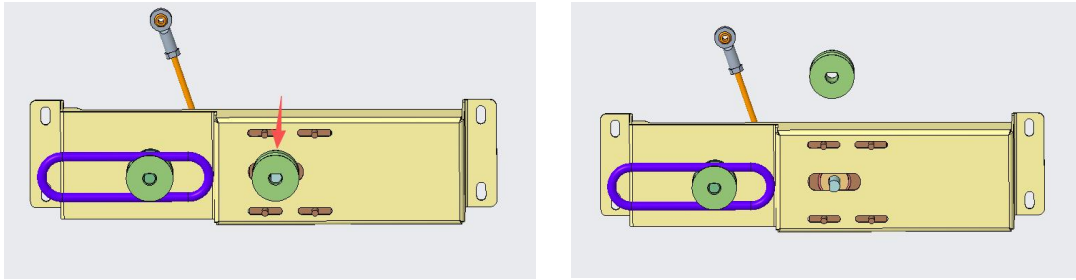
2. Loosen the M4 nut on the light box connecting rod as shown in the figure, then pull the screw stud out.



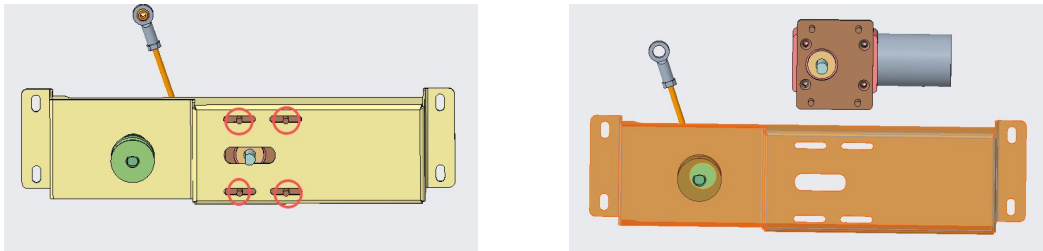
3. Loosen the four M4*8 screws as shown in the picture, then lower the swing shaft to remove the entire light box swing mechanism.



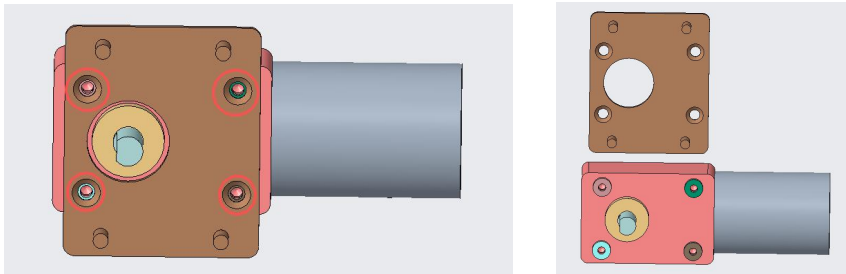
4. Loosen the O-type pulley, then loosen the set screw on the right pulley in the direction indicated by the arrow, and remove the pulley.



5. Loosen the four M4 nuts that secure the motor adjustment plate, then the rear motor plate and motor can be removed.



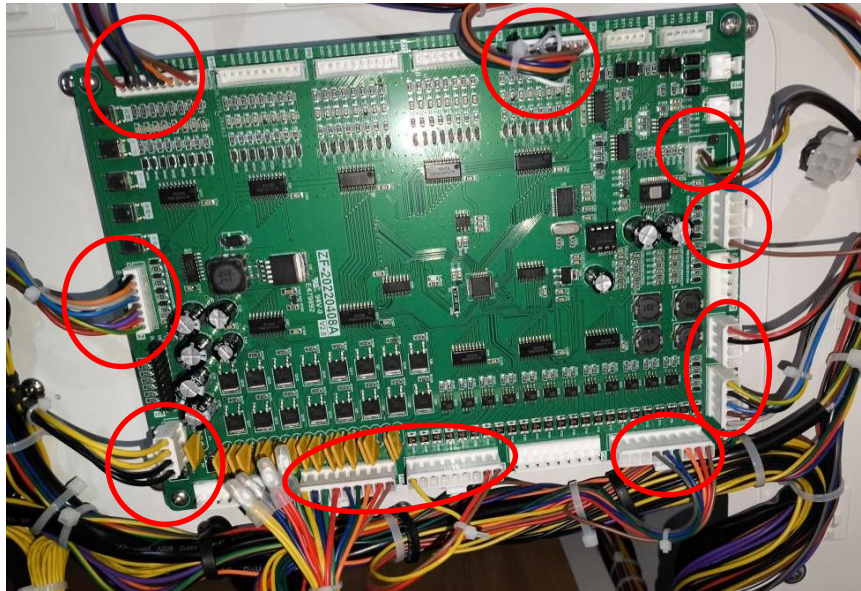
6. Loosen the four M4*8 screws connecting the motor mounting plate to the motor, and the motor can be replaced.



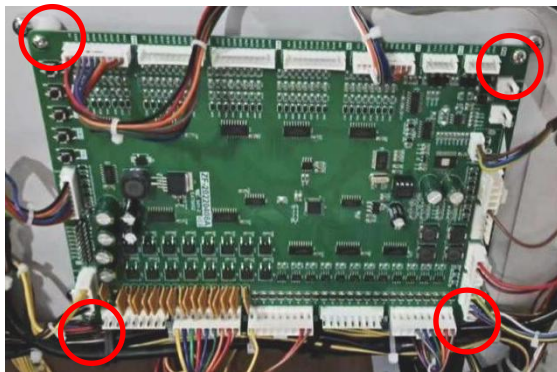
7. Reassemble in the reverse order of disassembly.

10.5 Motherboard Replacement

- (1) Disconnect the power supply and open the rear door.
- (2) Disconnect all 11 input and output connectors.



(3) Remove the 4 M4*8 screws fixing the motherboard to replace the entire motherboard.

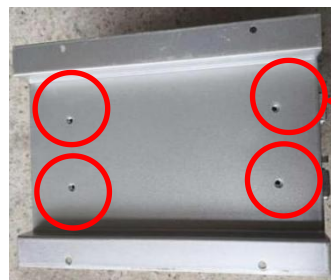


(4) Reassemble in the reverse order of disassembly.

10.6 Power Supply Replacement

This machine is equipped with 2 power supply: LRS-350-12V and LRS-350-24V.

(1) Disconnect the power supply. Remove 4 screws (M4*12) as shown in the figure. Also remove the screws on the sheet metal on the reverse side.



sheet metal
on the
reverse

(2) The power supply has 4 and 8 Y-type terminals respectively. Loosen

the corresponding screws to unplug the terminals.



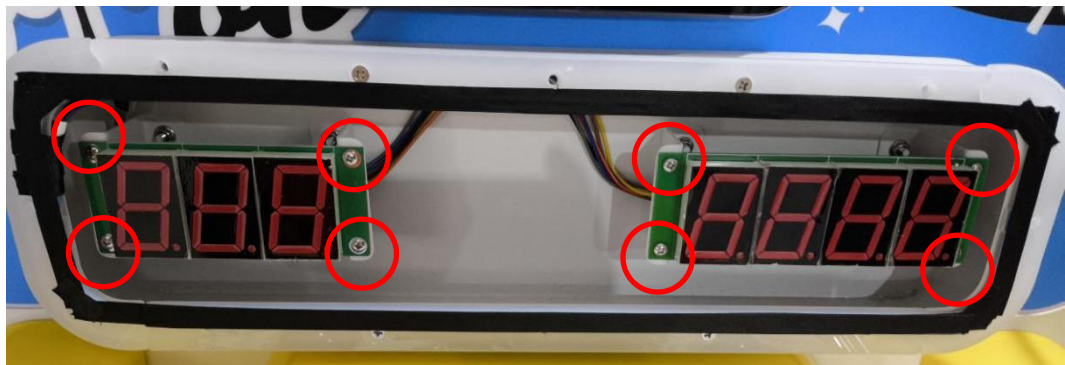
After replacing the power supply, reassemble in the reverse order of disassembly.

10.7 Time and Score PC Board Replacement

(1) Disconnect the power supply. Time and score decorative board is fixed with 4 screws(M6*12). Remove the screws to remove the decorative board.



(2) Time PC Board and Score PC Board are each fixed with 4 screws(M3*4). Loosen them to remove the PC Board.



(3) Each PC Board has a plug-in terminal on both sides. When replacing, be careful to pull out the terminals. When unplugging the terminals, press down

on the end of the terminal as shown and pull upwards.

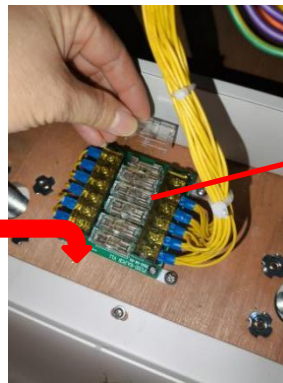


After replacement, reassemble in the reverse order of disassembly.

10.8 Fuse Replacement

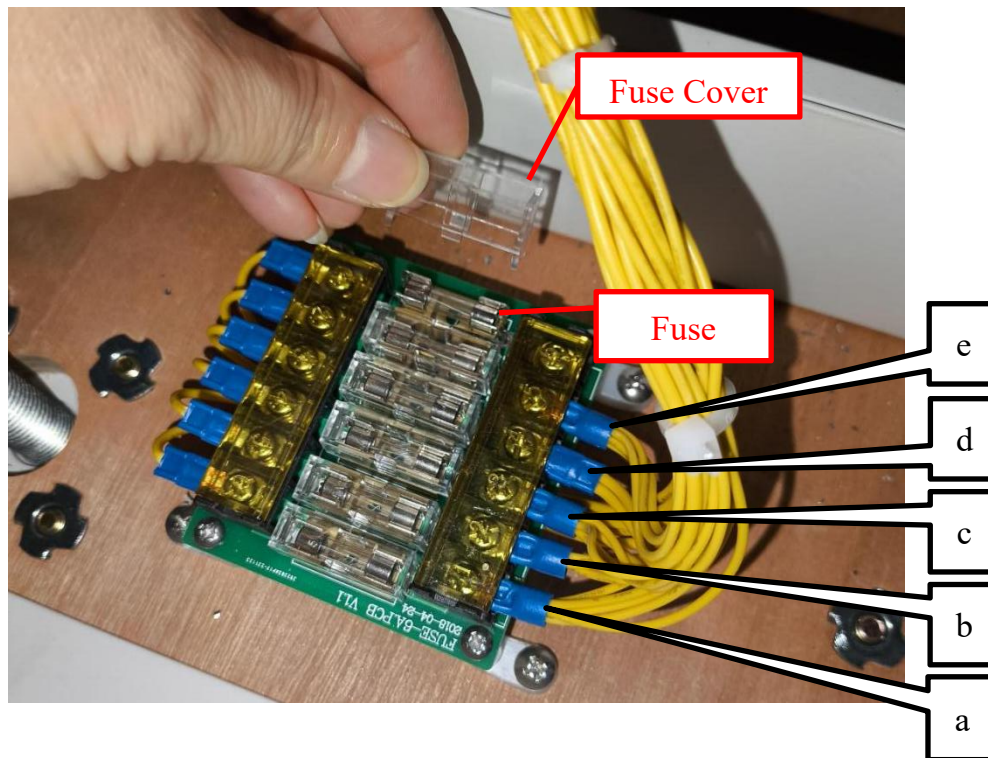
The fuse holder is located at the lower part of the rear door.

- (1) Turn off the power switch.
- (2) Open the rear door and locate the fuse board.



Fuse Board

- (3) Remove the cover by hand as shown, take out the fuse, replace it with a new one.



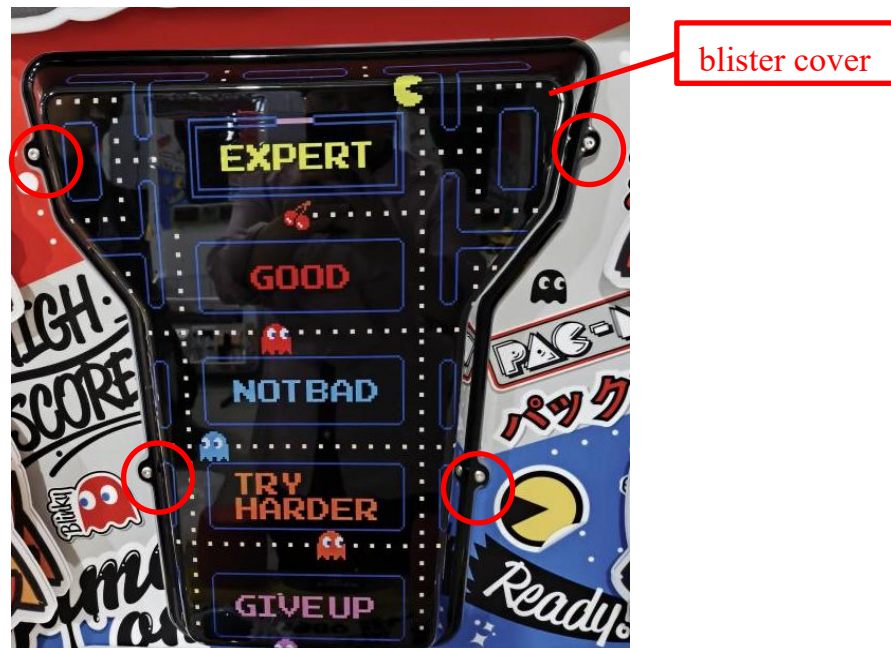
The identification lines are as follows:

- a. Control light box, front-row exhaust fans
- b. Coin acceptor, ticket dispenser and rear exhaust fans
- c. Main board
- d. Score judging lights and side lights on both sides

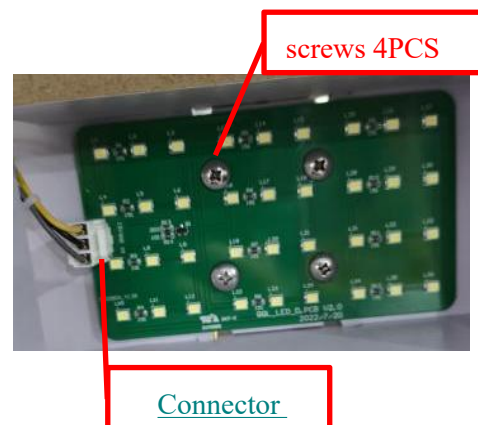
After replacement, reassemble in the reverse order of disassembly.

10.9 Result Evaluation Light Board Replacement

- (1) Turn off the power switch.
- (2) Loosen the 4 screws on the jackpot blister and remove the blister cover.

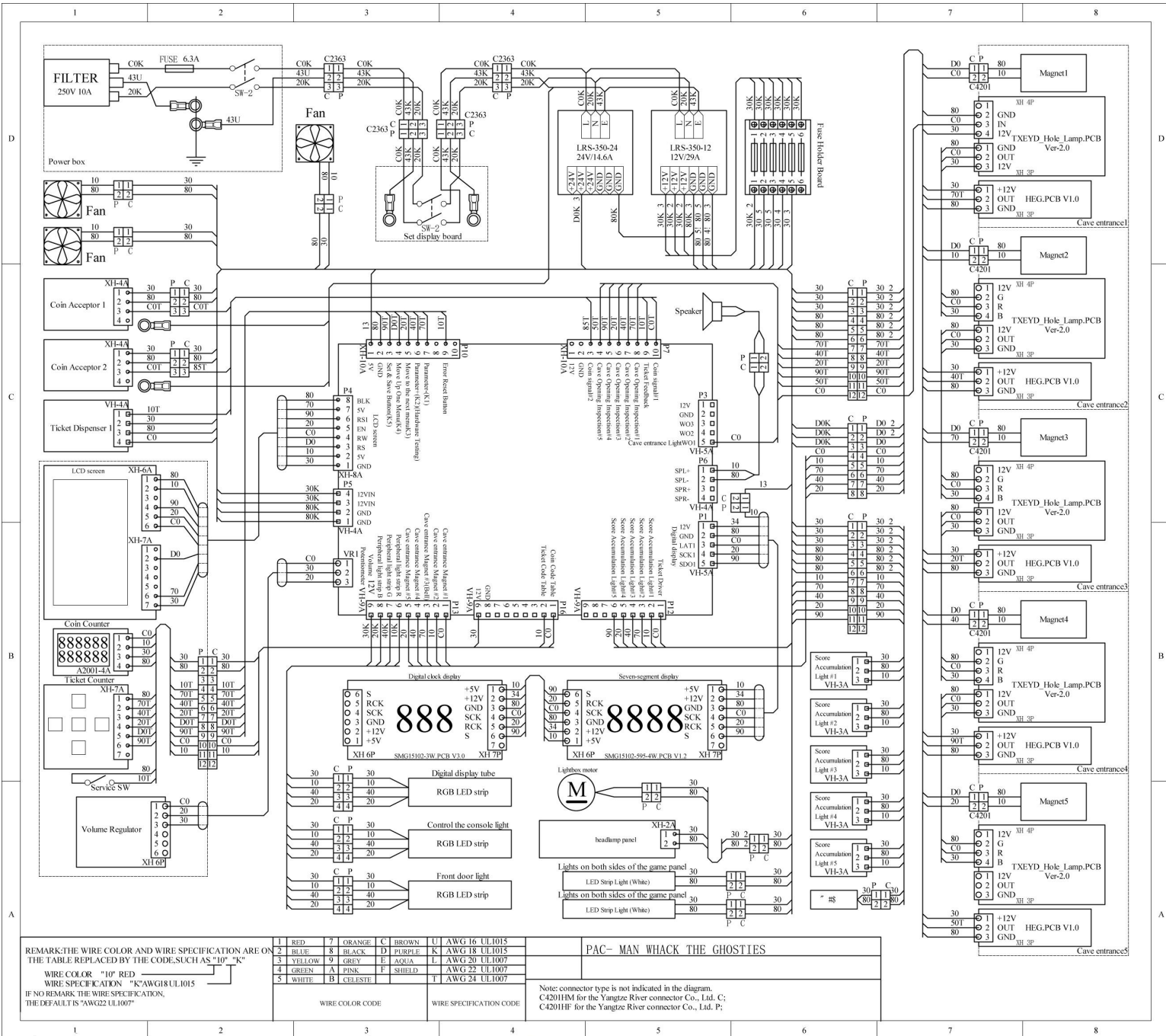


- (3) Find the light board to be replaced, disconnect the connector and the 4 M4*8 screws fixing the board.



- (4) Install the new light board and reassemble in reverse order.

11. Circuit Diagram Display



Note: Due to continuous updates and optimizations of the machine, subsequent updates to the instruction pictures and parameters will not be notified separately. Please refer to the actual machine.

12. After-Sales Service Instructions

This game is called **PAC-MAN WHACK-THE-GHOSTIES**.

This manual contains the following contents:

- Brief introduction.
- How to operate, install, transport, move and maintain the machine correctly.
- How to make full use of the function of the machine.
- How to ensure the safety of player and maintainer.

Inquiry and maintenance

For technical inquiries and maintenance support, please reach out to either the machine distributor or Bandai Namco Technical Inc.

Bandai Namco Technical Inc. Contact Information:

- Email: overseas_tec@bn-service.jp