

Balloon Carnival

MANUAL



Warning

- ✧ Please read the manual before installation and use.
- ✧ Please put the manual together with the machine.



ACE AMUSEMENT

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I Machine Introduction and Features

“Balloon carnival” is a new indoor medium and high-end bowling simulation game machine developed by our company. Colorful lights attract the attention of players, super interactive bowling gameplay increases the fun of players, throwing balloons with different score values, producing different sound effects feedback, so that players have a fresh sense, and set the score ladder, the score corresponds to different lottery awards, and the setting of the grand prize, enhance the player's competitive psychology, improve the revenue of the machine.

1. Small machinery products;
2. The game play is novel, exciting, highly interactive, and highly entertaining;
3. The appearance design is artistic, the pattern is bright and delicate, and the used materials are solid;
4. Adopt integrated circuit, built-in program, stable working performance, safety and reliability;
5. Adapt to universal lottery tickets;
6. The independent host computer is stable and reliable

II Specifications and Technical Parameters



- 1) Operating voltage: AC220V - 240V 50/60 Hz (or AC 110V±5%, 60Hz. For the specific voltage, see the nameplate on the machine.
- 2) Maximum power: 680W
- 3) Overall dimensions: W105 * D299 * H272 (cm)
- 4) Ambient condition: Temperature (indoors): 0°C~35°C;
- 5) Humidity: ≤90%;
- 6) Atmospheric pressure: 86Pa~106Pa.






⚠ Warning: After power off the machine, please wait at least 1 minute if you want to turn it on again.

III Accessory List

For the normal use of the machine, please check whether the following items are included carefully after you open the package.

1. The accessory list is below:

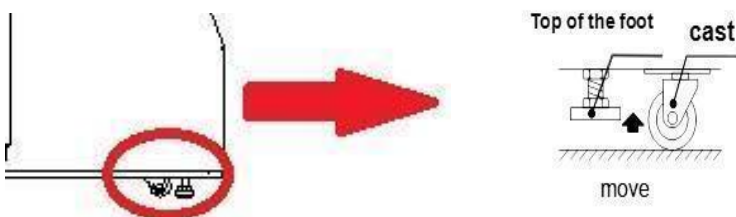
Please open the package and check whether all accessories are included. If not, please contact the distributor of the machine for check.

S/N	Name	No./Specification	Quantity	Unit	Picture	Remarks
1	Power cord	10A/250V-3M	1	Piece		
2	Fuse	$\Phi 5 \times 20\text{mm}$ T5A 250VAC	1	Piece		
3	Manual	English	1	Copy		
4	Key	AA33	2	Piece		
5	Key	AA32	2	Piece		

IV How to Handle and Position the Machine

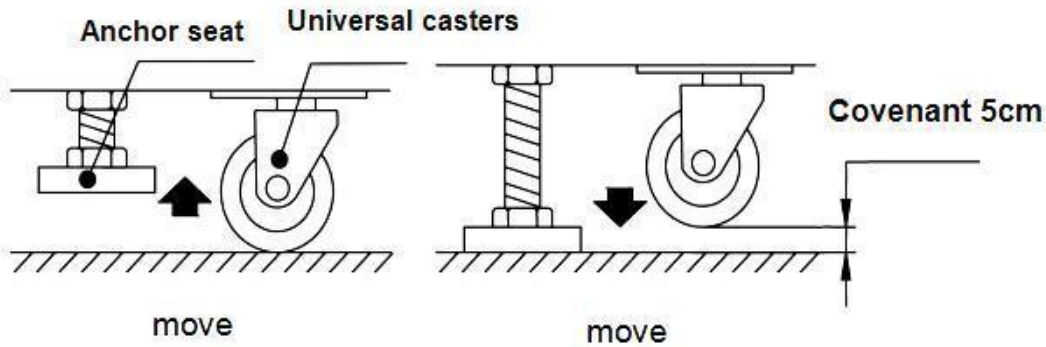
(I) Handling Method

The machine is equipped with caster under the base plate. When moving the machine for a short distance, you should raise foot to make the casters touch the ground and push the machine.



(II) Fixing method

Please place it on flat ground where it won't slide easily, loosen the locked nuts of the foot, tighten the anchor bolts with a wrench, and keep the caster approximately 5mm away from the ground.



(III) Product placement

Do not place the product in the following places:

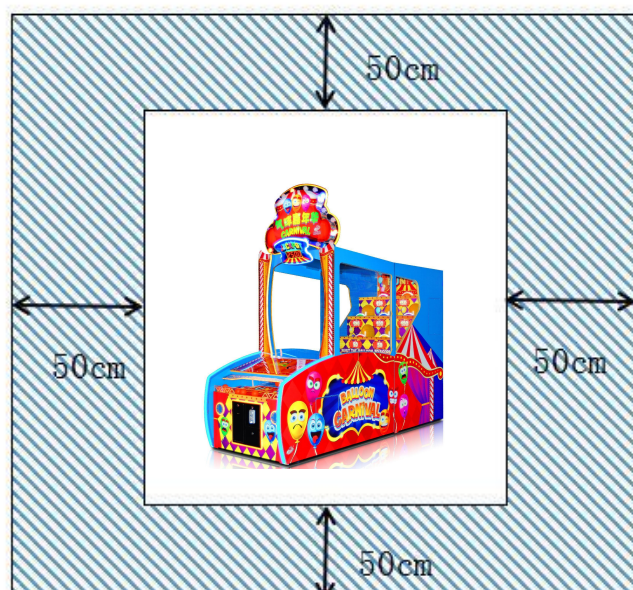
- Do not place the machine in a humid place with high humidity;
- Do not place the machine near a hot object;
- Do not place the machine next to flammable items;
- Do not place the machine on a smooth or uneven ground surface;
- Do not place the machine near high-frequency vibration objects;
- Do not place the machine in the dusty areas.

Caution Please unplug the power plug before moving to prevent accidents and faults.
 Please take care not to damage the power cord during moving to prevent accidents and faults.
 Please raise the foot to the maximum height before moving to prevent accidents and faults.

(IV) Installation Location Dimension

The machine should be placed according to the following dimensions for customers' safety and enough space to run the machine.

Game area:



V Adjustment of the Game Program Setting

Balloon Carnival uses a 5-inch touch screen to display and control the background setting, testing, viewing and other operations of the machine;

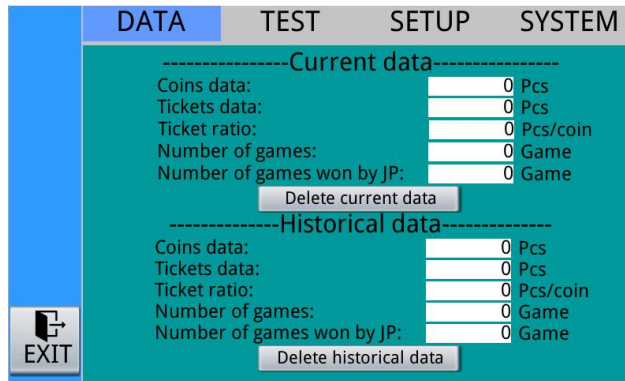
(I) Standby

After the machine is started, the following standby screen will be displayed. Click the blank position of this screen to enter the background to view data, test and set up operations;



(II) Data

The machine data display screen is as follows, showing various probability data of the machine;

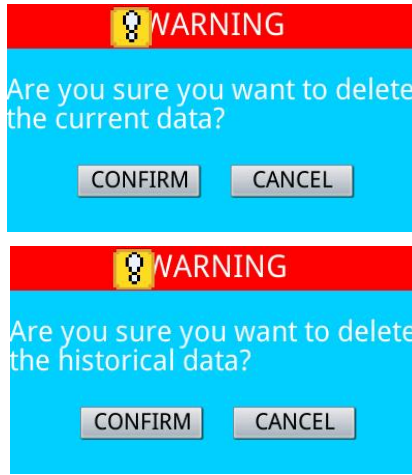


(1) Method of entering the data screen

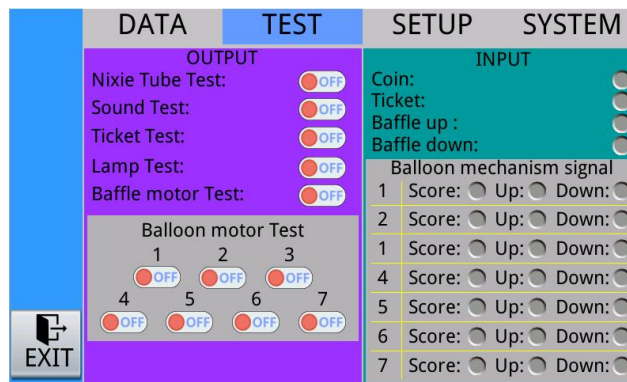
- A. Without entering the background, click the blank area of the standby screen to enter the background;
- B. After entering the background, click "Data" at the top;

(2) Clear data

- A. Click the "Clear data" button on the left side of the data screen;
- B. After the data clearing confirmation screen pops up, click the Confirm button



(III) Test





① Enter the test method



Go to the background, click on the TOP "test", and then click on the left "1P"/" 2P "/" top "button;

② Input the test screen description

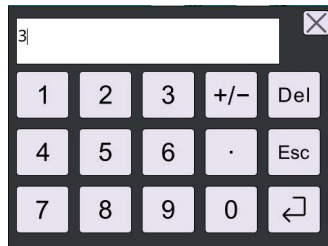
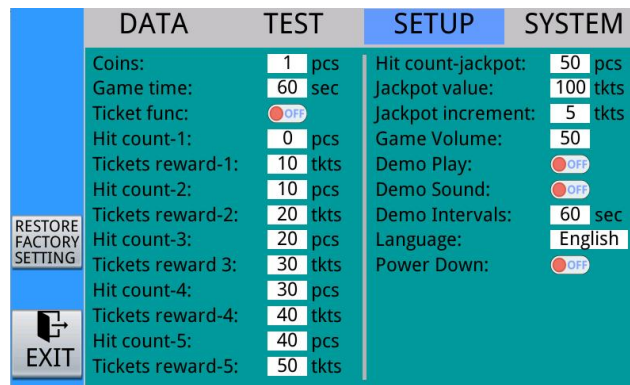
Each input signal has a corresponding signal light , which is used to indicate the state of the

signal. When the signal light is off , it means that there is no signal in the induction light eye ; When the signal light is on, it means that the inductive light eye has a signal;

③ Output test screen description

Each test function has a corresponding switch button. Click the switch button to switch the test function between opening and closing. When the corresponding test function is opened, the button will show the state of ON , and when it is closed, the button will show the state of OFF .

(IV) Setting




(1) Enter the setting method

Enter the background, click on the top "Settings";



(2) Setting method

① Modify the value

Click the white input box to set the value , and the value input keyboard will pop up as shown

in Figure. After entering the value to be set, click Enter at the bottom right of the keyboard  to return;

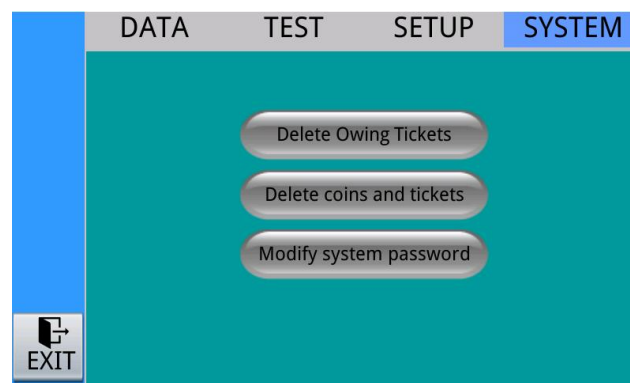
② Modify the function switch

Click the switch button of the function setting, the button will display the state of ON  when the function is turned on, and the button will display the state of OFF  when it is turned off.

③ Restore factory Settings

Click the factory reset button on the left side of the Settings screen , and the factory reset confirmation box will pop up . Click the confirm button;

(V) System



(1) Enter the system setting method

Enter the background and click "System" at the top;

(2) System screen description

① Free Games

Click the corresponding switch button to switch on and off

② Automatic operation

Click the corresponding switch button to switch on and off

③ Clear deposit and ball count

Click the Clear Deposit and ball number button to clear the number of coins and balls that have been invested

④ Clear outstanding tickets

Click the Clear Ticket debt button to clear the ticket debt

⑤ Change the system password

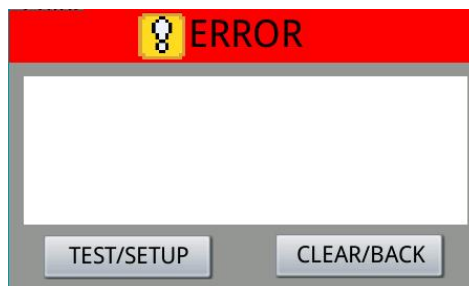
Click Change system password to change the system password to a 4-digit password defined by yourself. After clicking the button, the dialog box for changing System password will pop up as shown in Figure 10. Enter the new password in the password input box and click the Confirm button.



(VI) Failure

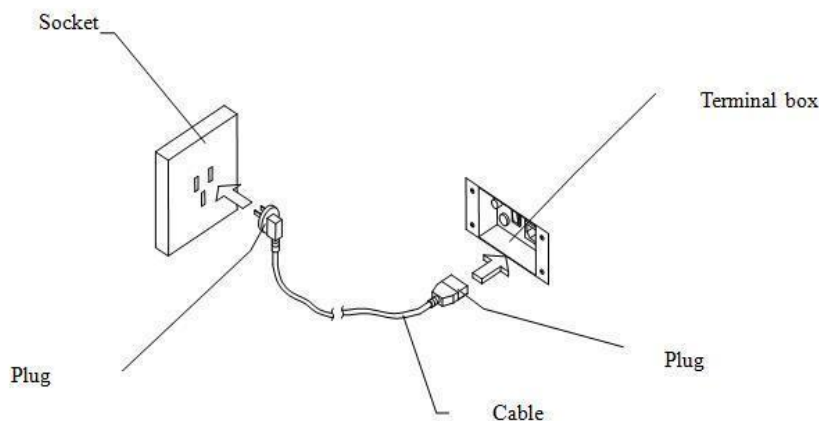
When the machine is faulty or the lottery ticket is insufficient, the screen will display the corresponding prompt, as shown in Figure 11; In the fault prompt box, you can click the "Test" button at the bottom left to enter the test screen, which is used to test the functions of the machine and troubleshoot; Click the "Clear/Return" button at the bottom right to clear the fault prompt and return to standby;

If the fault is insufficient, click the "Clear/return" button to make up the ticket;



VI Wiring and Precautions

- Connect one end of the cable to the terminal box of the machine, and connect the other end to the socket.
- Connect the power supply according to the voltage (110V or 220V) on the label, or the machine might be damaged.
- Please confirm whether there is grounding in the socket to avoid unnecessary damage.
- If the grounding cannot be done through the socket, please try other methods.



VII Fault Analysis and Troubleshooting

(I) Common faults

Fault phenomena	Main cause	Corrective action
After the machine is powered on,(the power supply fan works), but the display is not on.	The monitor is not energized.	Please reconnect the power cable or replace it with new.
	The signal wire of the display is not connected or damaged.	Please reconnect the signal wire or replace it with new.
After the machine is powered on, nothing happens and the screen is not lit.	The power supply is inconsistent with the machine's parameters.	Please check whether the power supply is consistent with the machine's parameters.
	Fuse is burnt out.	Please replace the fuse.
	The power supply is not connected.	Please confirm 110V~220V power supply is connected and the power switch is on
	The signal wire of the display is not connected or damaged.	The signal wire of the display is not connected or damaged.
The machine is not powered on.	Check whether the input of the 110V~220V power supply is right. The short circuit is not allowed.	Please check whether the voltage of the circuit board inside the machine is abnormal.
The control panel is	Check whether the output of 12V of the power	Please adjust the cable to the correct position.

not powered on	supply box is normal.	
The display has no raster.	The cable of the display might fall off or be loosen due to vibration.	Please check the power supply circuit or replace the power line.
	The display is not on..	Turn on the machine again manually.
The power is off on the midway.	The circuit protector generates an action and the power switch is turned off (Note: The circuit protector cuts off the current when the abnormal current flows).	Please turn on the power switch again. When the circuit protector repetitively acts, it indicates that the machine is abnormal. Please contact the dealership.
After the product is powered on, the display is a white screen without any image or sound.	The host machine does not work.	Manually start the power start button of the host machine.
		The host power is bad or replaced.
		The motherboard memory bank is bad or replaced.
		The motherboard is bad. Please contact professional and manufacturer.
Pressing start key cannot start the game.	The start button holder is loose, and the switch line is loose.	The button holder is broken or replaced, the switch wire is pressed, and the start button switch is broken or replaced.
No response to coin collector.	The coin collector is damaged.	Replace coin collector.
	The signal line of the coin collector is loose.	Check if the signal line of the coin collector is loose.
	IO control board is damaged.	Replace IO control board.
Coins are blocked in the coin collector	The sample coin is not placed well.	Please check whether the sample coin is placed well, or try another sample coin.
	The coin slot is not aligned or deformed.	Please check whether the coin slot is aligned or deformed, and adjust coin slot.
	The coin collector is not assembled properly. The red braking bar above the coin collector is pressed.	Please re-insert it into the coin collector.
The coin collector does not score.	Check whether there is signal feedback.	Please re-connect the coin collector. It will make a sound if there is signal.
	The connected target board is not connected to the pull-up resistor.	Please connect the pull-up resistor.
	Check whether the token in the coin collector is the same with that inserted in the coin collector.	Please replace it with the proper token.
	The gear of the switch (normally on and normally off) is incorrect	Please check whether the gear of the switch (normally on, normally off) is correct.
	The socket outlet of the coin connector is in poor contact.	Please check whether the socket outlet of the coin connector is in poor contact.
The speaker does not make a sound.	Whether the circuit board of the power amplifier is powered on.	Please turn on the switch of the amplifier circuit board to power on

	The volume is too low.	Please turn the volume up.
	Whether the audio connection port falls off or is damaged.	Please re-connect the audio connection port.
	The circuit board of the power amplifier goes wrong.	Please replace the circuit board.
	The speaker goes wrong.	Please replace the speaker.
No lottery fed.	The ticket machine goes wrong or the switch is turned on wrongly.	Please replace the ticket machine or set the switch to the factory settings.
Shooting is not accurate.	Check if the potentiometer of the gun is damaged.	Replace the potentiometer and re-align the gun.
No prize is out.	The prize machine goes wrong or the switch is turned on wrongly.	Please replace the prize machine or set the switch to the factory settings.

(II) Error Code

1. **Cause: Disconnection with the IO board**

Solution: Restart the machine, and press the reset button on the IO board (there is only one button on the board)



2. **Cause: No enough tickets, or the ticket machine is damaged**

Solution: Replenish ticket; replace the ticket machine



3. **Cause: The memory of the host is insufficient**

Solution: Plug out the memory of the host, and then plug it in again.



Warning:

- **Cut off the power supply for maintenance and repair of the machine.**

To prevent short circuit, relevant personnel should cut off the power supply when touching internal components of the machine. If the operation requires power supply, it should meet the requirements of the manual.

- **Use proper parts for replacement.**

Improper parts may cause short circuit, and damage of the main board and the components.

- **Do not disassemble, assemble and change the equipment randomly.**

It may cause short circuit and machine failure, and even fire disaster.

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

The spilt liquid may cause short circuit and damage of parts. Meanwhile, falling objects may injure people and damage the machine.

- **Do not place objects in the exhaust outlet of the machine.**

- The blocked exhaust **outlet** may cause temperature rise inside the machine, affect the normal operation of the game, and even damage the parts.

- **Do not repair the machine by yourself.**

It may cause short circuit or malfunction and other failure.

VIII Instructions on Restoring U Disk

Method A : Using the Recovery System USB inside the game.

Step 1: **Power off** the game machine.

Step 2: Insert this software USB in the machine's computer (Figure 1)

Step 3: Turn on power again. The software would be upgraded automatically. (Figure 2)

Step 4: After about 20 minutes, after the software finished upgrade. The screen will show the picture as below. Please pull out the Software USB. (Figure 3)

Step 5: After remove the Software USB, the machine will upgrade the software automatically. It will need about another 20 minutes. Wait until the screen show the game program upgrade completed. (**Don't** power off during installing)

Step 6: Reset the Date and Time Date for better use. Done!



Method B : Program Quick Upgrade.

Step 1: Copy the upgrade program in a new empty USB.

Step 2: **Power On** the game machine.

Step 3: After the machine enter the game method, insert the new program USB in the machine's computer (Figure 1)

Step 4: The game will upgrade automatically. Do not pull out the USB or power off the game when see the (Figure 4) showing on the monitor.

Step 5: After some minutes, when the (Figure 5) showing on the monitor, remove the USB.

Step 6: Power on the machine again, the program will be upgraded successfully.



Figure 4



Figure 5



The above technical parameters are subject to change without prior notice

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