



IMPORTANT



**Be Sure
to Read this
Manual
Before Use**



UNIS TECHNOLOGY

Operation Manual


WE ARE HERE TO ASSIST For parts and service




Have Questions? Contact us!

<p>UNIS SERVICE CENTER</p> <p>Tel: 972-241-4263</p> <p>Email: service@unispartsandservice.com</p> <p>www.unispartsandservice.com</p>

When contacting Service, you will need the following information and the name of your authorized distributor.

Suitable for Indoor Use Only		
NAME: Toy Box Single GMP	POWER: 290W	
MODEL: T-387	FREQUENCY: 50/60Hz	
VOLTAGE: AC110V ~	DATE:	
S/N:		
Guangdong UNIS Technology Co.,Ltd.		
FOR YOUR SAFETY – READ OPERATION MANUAL BEFORE SERVICING – INDOOR USE ONLY Pour des raisons de sécurité, lisez le manuel d'utilisation avant de procéder à l'entretien. Utilisation intérieure seulement		

INDOOR MACHINE		
NAME: Toy Box Single GMP	MAX POWER: 290W	
MODEL: T-387	MIN POWER: 145W	
S/N:	FREQUENCY: 50/60Hz	
VOLTAGE: AC220V~240V~	DATE:	
Guangdong UNIS Technology Co.,Ltd.		

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Thank you for purchasing **Toy Box Single GMP**. We hope you enjoy the product.

This manual contains valuable information about how to operate and maintain your game machine properly and safely. It is intended for the owner and/or personnel in charge of product operation. Carefully read and understand the instructions.

If you need any help during installation and setup please utilize this manual and troubleshooting guide. If the product fails to function properly, *non-technical personnel should under no circumstance attempt to service the machine*. Contact your distributor or manufacturer for help.

Before use, please read **IMPORTANT SAFETY INSTRUCTIONS**.

IMPORTANT SAFETY INSTRUCTIONS

To ensure the safe usage of this product, carefully read and understand these instructions before operating your game.

Save these instructions for future reference.

Use this product only as described in this manual. Other uses not recommended may cause fire, electric shock or personal injury. Unplug the game from the outlet when not in use, when moving from one location to another, and before cleaning/servicing.

Explanations which require special attention are indicated by signs of warning. Depending on the potential hazardous degree, the terms: **NOTE**, **NOTICE**, and **WARNING** are used.

NOTE: A NOTE indicates useful hints or information about product usage.

NOTICE: A NOTICE indicates potential damage to product and how to avoid the problem.

WARNING: A WARNING indicates a potential for product damage or serious personal injury.

It is important to understand the meaning of the following HAZARD SIGNS before continuing:

High Voltage and Shock Hazard:

High voltage can cause electric shock.
Turn off/unplug power before servicing.



High Temperature Hazard:

This part may cause scalding.
Do not touch. Surface may be hot.



No Touching Hazard:

This part may be hot or can cause electric shock.
Do not touch.



Use the following safety guidelines to help ensure your own personal safety and to help protect your equipment and surrounding environment from potential damage.

⚠️ This product is an indoor game machine. Do not install outdoors.

Avoid installing in the following places to prevent fire, electric shock, injury and/or machine malfunctioning:

- Places subject to rain/moisture, or places subject to high humidity.
- Places subject to direct sunlight, or places subject to extremely hot or cold temperatures to ensure that it is used within the specified operating range.
- Places where inflammable gas may be present or in the vicinity of highly inflammable/volatile chemicals or items that can easily catch fire.
- On unstable or sloped surfaces. The machine may topple or cause unforeseen accidents.
- Vicinity of fire exits, fire extinguishers etc that may block/prevent safety measures.

IMPORTANT NOTE:

ALL REPAIRS MUST BE DONE TO ORIGINAL MANUFACTURER SPECIFICATIONS. FAILURE TO DO SO VOID ALL WARRANTIES AND OPERATOR ASSUMES ALL RISKS.

Note: The contents of this manual may be updated without notice.

1. SPECIFICATIONS

Rated power supply: AC110V 50/60Hz; AC220V 50/60Hz;

Min. Power consumption: 145W

Max. Power consumption: 290W


Dimension: : H87.40×W32.35×D38.11 in

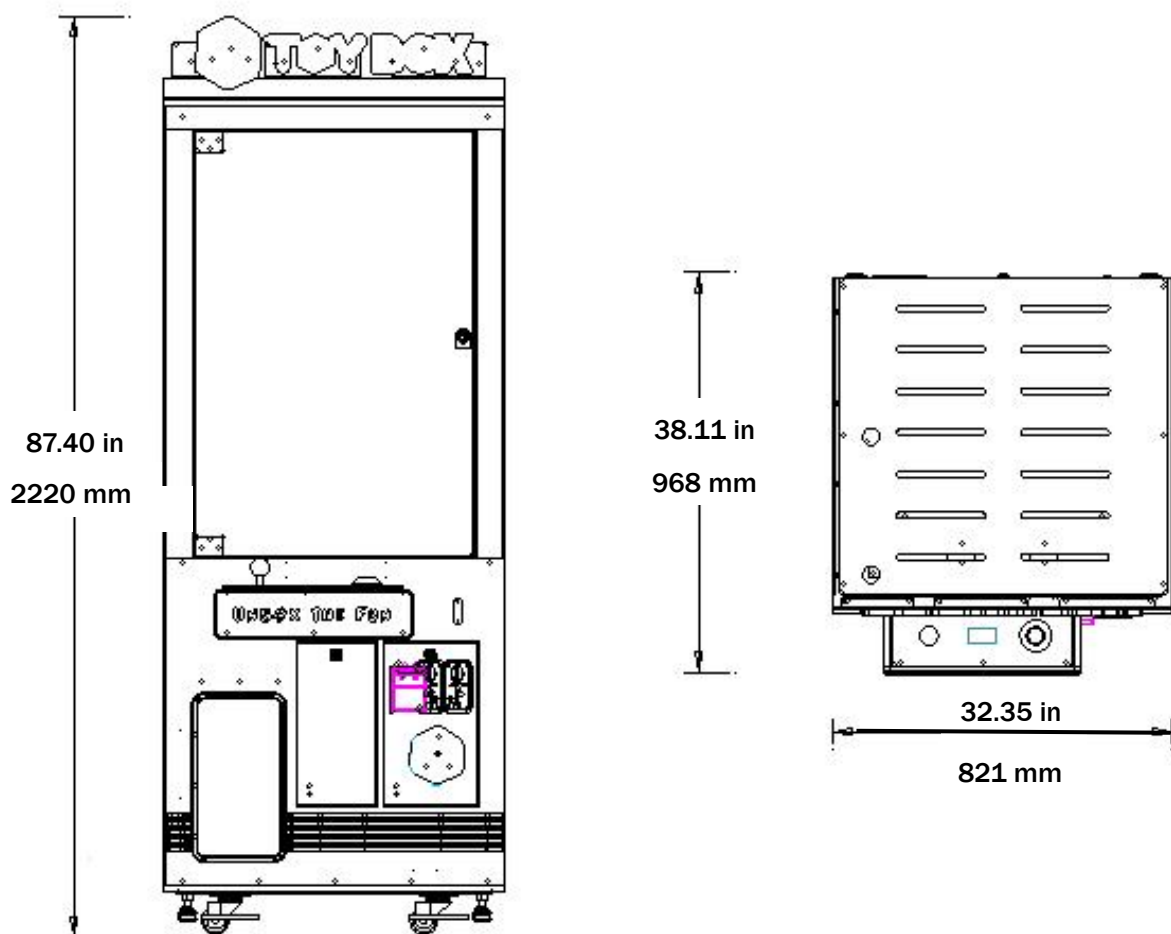
H2220×W821.6 ×D968 mm

Weight: Approximately 352.73lb/160 KG

Model No: T-387

Part No.: T165

 **NOTICE** : After turning off the game, please wait at least 1 minute before restarting again.








Note: Game specifications are subject to change without notice.

2. CONTENTS OF THE ACCESSORY KIT

Open the package and make sure all the items are included:

Following accessories

No.	Part No.	Code No.	Name/SPEC	Picture	Qty
1	T165-0205-00	2.33.01.018024	Power cord 3×18AWG 3M		1
2	T165-0206-00	2.19.01.000012	Fuse(T5A) Φ5×20mm T5A/250VAC		3
3	T165-0202-00	2.53.00608837	1408A key		1
4	T165-0203-00	2.53.00608838	1408B key		1
5	T165-0204-00	4.14.40000676	Manual GMP		1
6	T165-0207-00	2.33.04.060005	Cable 2m	/	1
7	T165-0208-00	2.33.04.060005	Blanking plate	/	1

NOTE: Part models are subject to change without notice.

3. PART NAME

Key Components



4. SET UP & INSTALLATION

! NOTICE

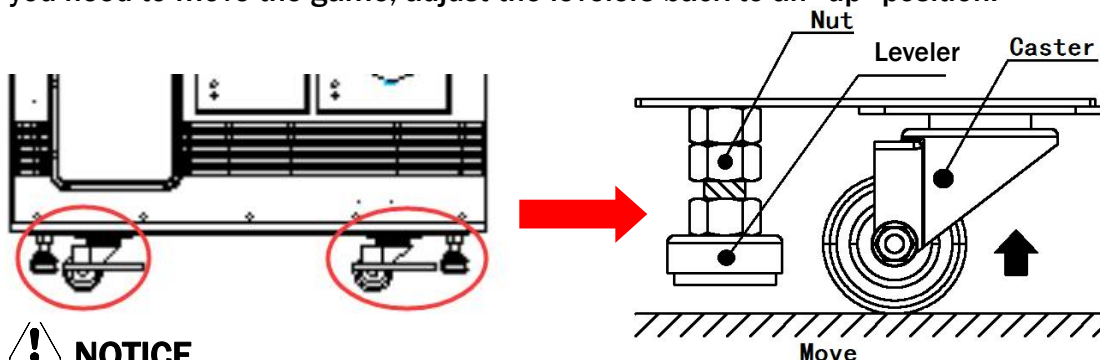
We do not recommend using power tools as they may cause damage.

! This product is an indoor game machine. Do not install outdoors.

- Refer to IMPORTANT SAFETY INSTRUCTIONS (Pg. 3) for places to avoid.
- Place the unit on a dry level surface.
- Ventilation openings in the back of the unit must not be obstructed by objects or by wall.

4.1 Transporting the Game

If you need to move the game, adjust the levelers back to an “up” position.



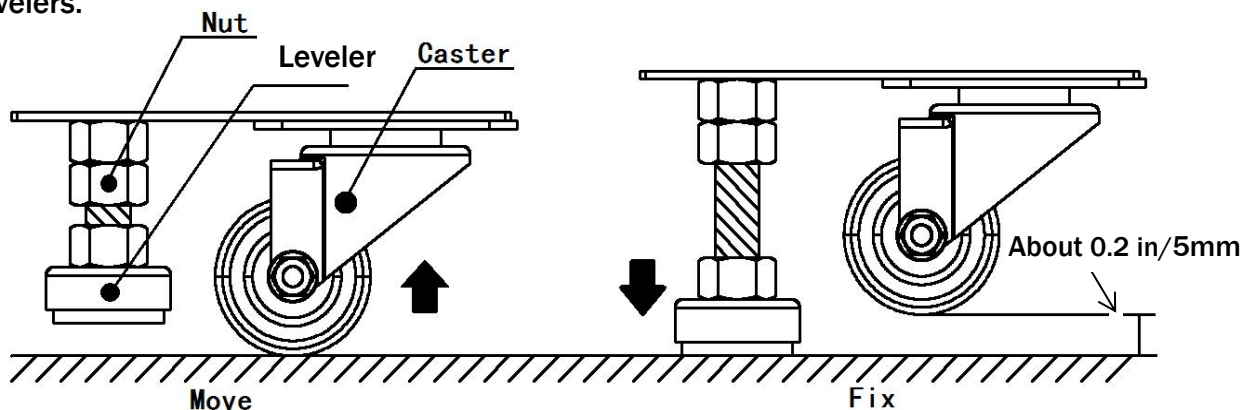
! NOTICE

- Be careful not to damage the machine during transport.
- Always unplug the game before moving.
- Keep the machine in upright position during transport.
- For longer distance transport, package the game properly to prevent damages.

4.2 Level Adjustment

Install this game on a flat surface. If the game is installed on an unsuitable floor, it could cause game malfunction.

To secure the game, loosen the nut, utilize wrench to adjust the leveler down until it touches the floor, lifting the casters off the ground by 0.2 in/5mm. Repeat the same for all levelers.



! NOTICE

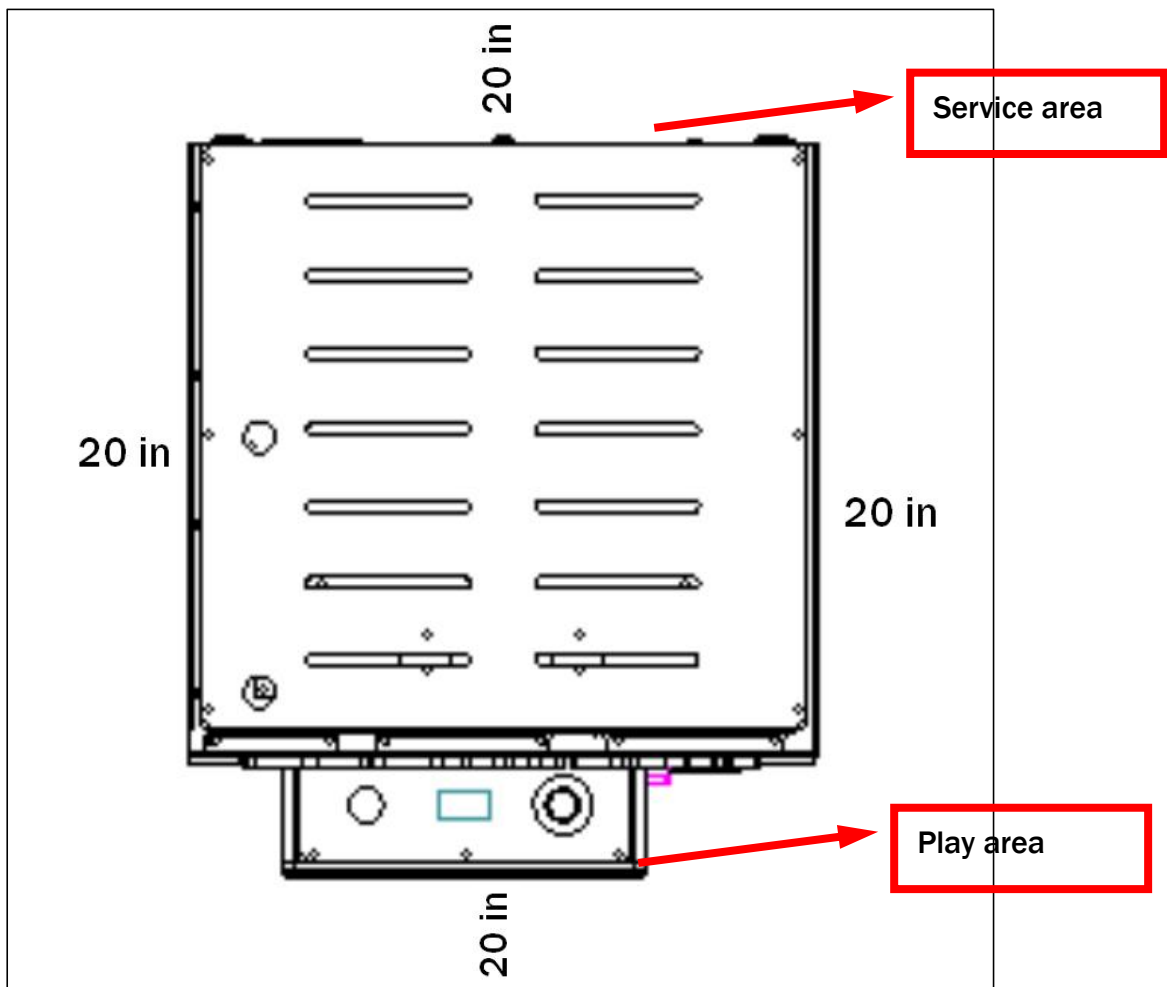
Make sure the machine is level.

4.3 Play Zone

This machine requires space for playing and for maintenance as shown below.

Leave space around the game upon installation:

Service area: 20 in

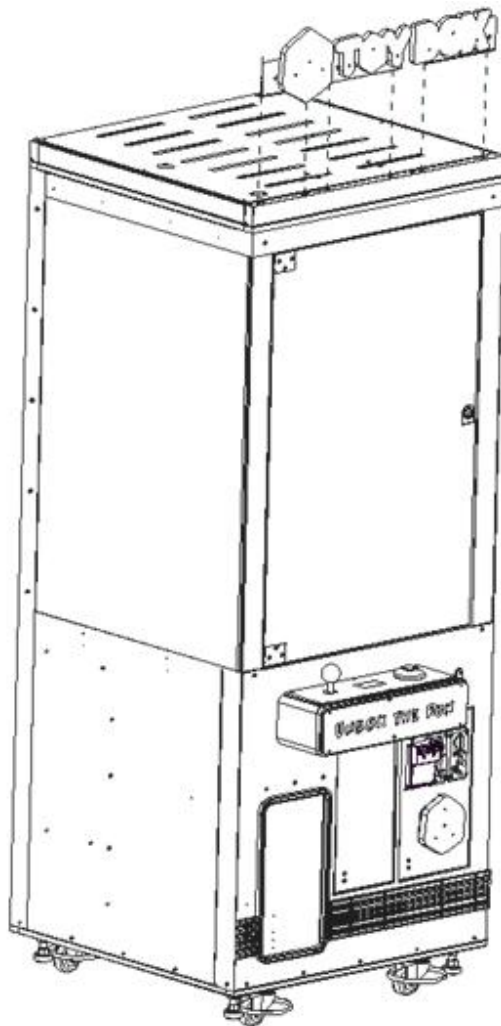


NOTICE

Your unit must be leveled to operate properly.


4.4 Machine Installation

Step 1 Install LOGO marquee to the top of the cabinet. Utilize screws to secure.



Finish!

4.5 Card Reader Installation Safety Notice

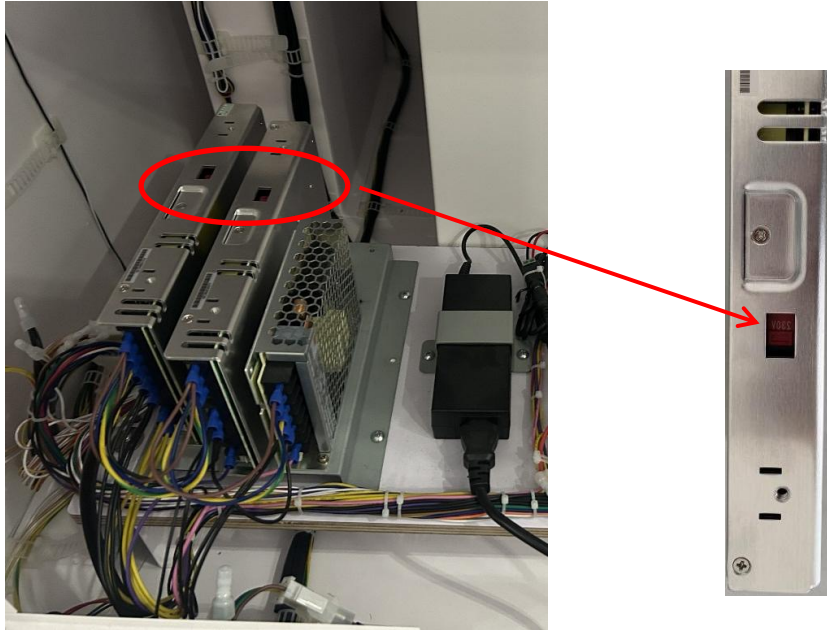
 Take precaution to assure that all wiring voltages are confirmed prior to installation of card reader. All warranties are void if not properly installed resulting in logic board damage.

Important: This game is pre-wired to AAMA standards. It is highly recommended to utilize this wiring for Card reader installation.

4.6 Voltage Conversion

Step 1 Power off the machine. Locate the Power supply.

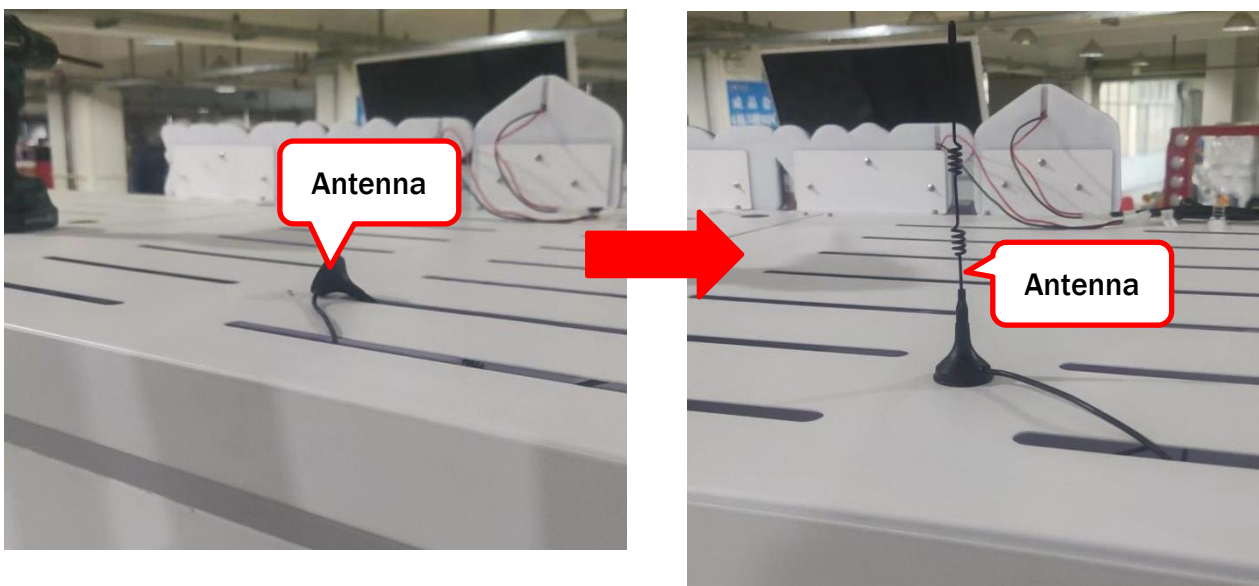
Step 2 Toggle the Power supply and PC switch to 115V or 230V according to your need.



5. LOCATION OPERATION INSTRUCTIONS

5.1 First Power On Operation

Step 1. Locate top of the cabinet. Lit the antenna up as shown below.

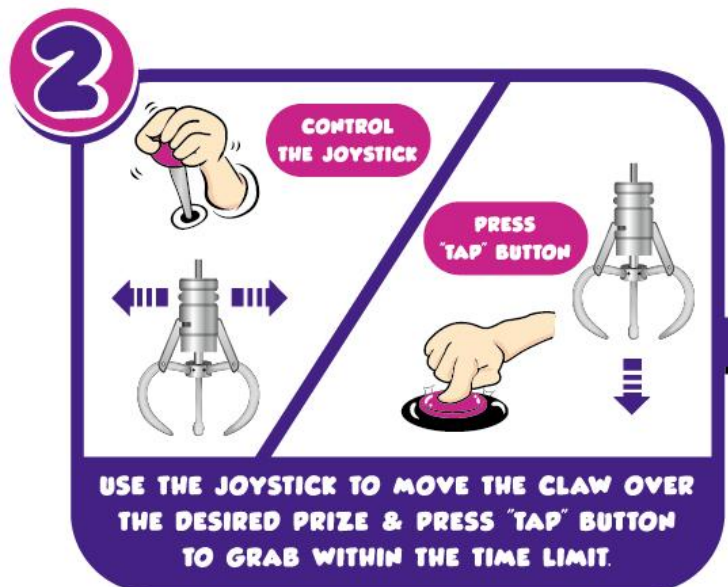


6. HOW TO PLAY

6.1 Insert coins or tap/swipe card to start.



6.2 Use the joystick to move the claw over the desired prize & press “TAP” button to grab within the time limit.

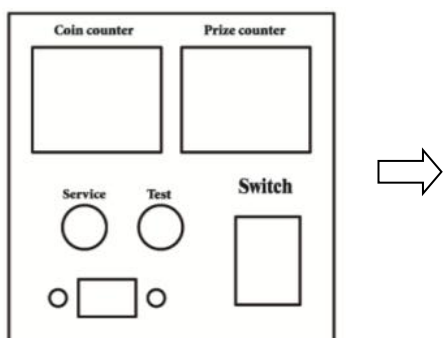


6.3 Win any prize that the claw drops into the prize box player can collect prize from prize door.



7. GAME OPTION

7.1 Adjustment button instruction



Open the coin door and there is a meter panel. Long press **Service** button for 5 seconds to enter the setting menu.

Utilize **Joystick** to control setting menu UP/DOWN/LEFT/RIGHT. Press **Tap button** to confirm& back.

7.2 Setting menu

7.2.1 Main menu

No.	Options
1	Basic Setup
2	Crane Setup
3	Prize Setup
4	Light Setup
5	Connect Setup

No.	Options
6	Factory Test
7	Accounts Query
8	DBV Bonus
9	Save and Exit

7.2.2 Basic Setup

No.	Options	Adjustable Range	Default	Description
A.	Coin	Free,1-98	01	Coins per game
B.	Presen	0-50	00	Invalid option
C.	Play Time	05-99	30	
D.	Shank Res	ON/OFF	ON	Player shake/tilt the machine will clear the coin.
E.	PR Sensor	AUT/OFF/ON	AUT	Sensor detect
F.	STB Music	ON/OFF	ON	Standby music
G.	Music Mode	IN/EX	IN	EX: Saved by memory stick. IN: Saved by machine mainboard.
H.	Volume Set	0-20	16	
I.	Coin Save	ON/OFF	ON	Memory save
J.	Language	EN/CH	EN	
K.	Video No	01-99	01	For LCD header version only: Standby videos quantity
L.	Back And Exit			

7.2.3 Crane Setup

No.	Options	Adjustable Range	Default	Description
A.	BOM Volt.	0.1-50.0	40	Set the voltage at the bottom of the claw to grab the prize and when rising.
B.	MID Volt	0.1-50.0	10	Sets the voltage of the claw after the specified grab height
C.	WEK VOLT	0.0-50.0	8	Set the voltage when the claw reaches the top
D.	BAK VOLT	0.0-50.0	9	Set the voltage of the claw when it moves towards the prize slot.
E.	FB Speed	1-100	45	Crane front& back speed. The higher the number, the faster it moves
F.	LR Speed	1-100	45	Crane left& right speed
G.	UP Speed	1-100	45	Crane up speed
H.	DN Speed	1-100	60	Crane down speed
I.	Line Tim	0.1s-5.0s	1.6S	Set the length of the claw line. The larger the value, the longer the crane line length. If the value is too large, accidents will occur frequently. If the value is too small, it will not be long enough to catch the prize.
J.	Bom Tim	0.0s-2.0s	1.0S	Set how long the claw stays after grabbing the prize before rising.
K.	Top Tim	0.0s-2.0s	0.0S	Set how long the claw stays after grabbing the prize to the top.
L.	Rel Tim	0.1s-5.0s	1.3S	Set the claw to grab the prize up to the specified height and change the next stage of claw strength.
M.	Drop Mode	OFF/MIX/FIX	OFF	
N.	Drop Loct	ENT	ENT	Prize will drop on the specified position you set.
O.	Sway Line	OFF/P01-05/S01-05	P05	
P.	Joy Delay	0-100	007	Set the sensitivity of the joystick, The higher the value, the lower the sensitivity of the joystick.
Q.	Bot Delay	0-100	000	Set how long the claw starts falling after the button is pressed.
R.	Mode	Suddenly/Gradual	Suddenly	Suddenly: Claw strength will change suddenly. Gradual: The strength of the previous stage changes slowly from the next stage

No.	Options	Adjustable Range	Default	Description
S.	Air Grip	ON/OFF	OFF	OFF: The claw cannot be closed by pressing the button again before it lower to the bottom. ON: The claw can be closed by pressing the button again before it lower to the bottom
T.	Crane Home	LB/LF	LB	Prize slot position.
U.	Swig STRH	0-100%	000	Reduce the percentage of the original claw when the player swings the claw. Eg: the original claw force is set at 40%, and the Swig STRH is set at 30% After the player swing the claw, the force of the claw becomes 28%
V.	Swig Sped	0-100	000	Reduce the percentage of the original downline speed when the player swings the claw
W.	Swig Line	0-100	000	Reduce the percentage of the original line length when the player swings the claw
X.	Pul Time	0.00-0.30	0.00	
Y.	Pull Sped	1-100	100	
Z.	Top Weak	0.00-1.00	0.10	
#	Back And Exit			

7.2.4 Prize Setup

No.	Options	Adjustable Range	Default	Description
A.	Prize Payout	0-255		How many plays have one prize out
B.	Award Mode	AC/FX/RA	FX	AC=Accumulate FX=Fix RA=Random
C.	Prize No.	0-10	0004	
D.	Get Bolt	0.1-45.0	45	
E.	Disp Win	ON/OFF	OFF	
F.	TOK PRIC	1-50	0001	Coin per prize
G.	WIN PRIC	1-9999	0020	
H.	Back And Exit			

7.2.5 Light Setup

No.	Options	Adjustable Range	Default	Description
A.	LED Color	0-255	180	Standby light color
B.	LED Mode	S-MO/E-MO/M-CO/ F-RU/F-FL/F-CO/F- MO/Start	STAT	Standby light flash mode
C.	Win Color	0-255	000	Winning light color
D.	Win Color	FLK/FSG/STA/SLK /SSG//STA	SLK	Winning light flash mode
E.	Light Sta	ON/Lin	ON	
F.	RGB Light	1-255	255	
G.	Back And Exit			

7.2.6 Connect Setup

No.	Options	Adjustable Range	Default	Description
A.	Local No.	SIG/0-99	SIG	
B.	Group No.	0-99	00	
C.	Link Amou	0-99	10	
D.	Share Fun	ON/OFF	OFF	Off: The full-field probability function does not work On: The full-field probability function is active
E.	Acumt Sum	0-999	000	Set all machines to share a probability
F.	Basic Shar	LK	LK	Long press the button to share basic setting to other machine.
G.	Crane Shar	LK	LK	Long press the button to share Crane setting to other machine.
H.	Prize Shar	LK	LK	Long press the button to share Prize setup to other machine.
I.	Light Shar	LK	LK	Long press the button to share Light stsetup to other machine.
J.	Basic ACP	ON/OFF	ON	Whether to accept the Settings shared information sent from other machines, Not received if turned off.
K.	Crane ACP	ON/OFF	ON	
L.	Prize ACP	ON/OFF	ON	
M.	Light ACP	ON/OFF	ON	
N.	Back And Exit			

7.2.7 Factory Test

No.	Options	Status	Description
A.	Intelligt Test		Auto Test: Long press button for 10s to exit
B.	Console Test	1. F-B Test 2. L-R Test 3. U-D Test 4. Claw Test 5. Back and Exit	
C.	Crane Test		
D.	PR Sensor Test		
E.	Back And Exit		

7.2.8 Accounts Query

No.	Options	Status	Description
A.	Coin in		Total number of coins
B.	MOB Pay		Invalid option
C.	Income		Total number of incomes
D.	Gift		Total number of gifts
E.	Count		
F.	Back and Exit		

7.2.9 DBV Bonus

No.	Options	Adjustable Range	Default	Description
A.	1 Dollar=? Coins	01-50	01 Coins	Converting while a DBV is utilized in the machine.
B.	5 Dollar=? Coins	01-50	06 Coins	
C.	10 Dollar=? Coins	01-50	14 Coins	
D.	20 Dollar=? Coins	01-50	30 Coins	
	Back and Exit			

7.3 How To Set “Play To Win Every Time” Feature

Please change below parameters in “Prize Setup” option

Prize Setup

No.	Options	Parameter
A.	Prize Payout	001

Finish!

8. TROUBLESHOOTING

8.1 Common Problem

Please confirm that all connectors fit tightly.

Symptom	Possible Cause	Recommended action
Game will not start	Frame assembly connector is loose.	Check connector.
	Frame assembly fault	Contact with UNIS Service.
Power off	Circuit protector make power SW in off state.	Turn on power SW again. If appeared again and again, machine has anomaly. Please contact with UNIS Service.
Card reader not working	The connector is loose.	Check connector.
	Card reader fault.	Check with card reader manufacturer.
No sound	Low volume	Raise the volume.
	Connector loose.	Check connector.
	Speaker fault.	Check speaker.
	POT installation error.	Install POT correctly.
	POT fault.	Change POT.
	Audio cable problem.	Reconnect the audio cable or change it.

If you see following error signs showing on the display, please try the recommended action.

Display	Possible Cause	Recommended action
Error 01 (Check Down SW and Down motor)	Connector became loose during transport.	Check and reconnect the Crane connector.
	Crane motor gear is broken. (Gear keeps ringing)	Replace crane motor gear.
	Mainboard is faulty.	Replace mainboard.
	Crane motor is faulty.	Replace Crane motor.
	Long micro sw is faulty.	Replace Long micro sw.
	Rope direction is wrong.	Press Test button and move joystick to place the crane rope to the longest. Then collect back by moving the joystick.
The rope came out and got stuck.	Open crane cover. Manually arrange the crane rope according to the correct method.	

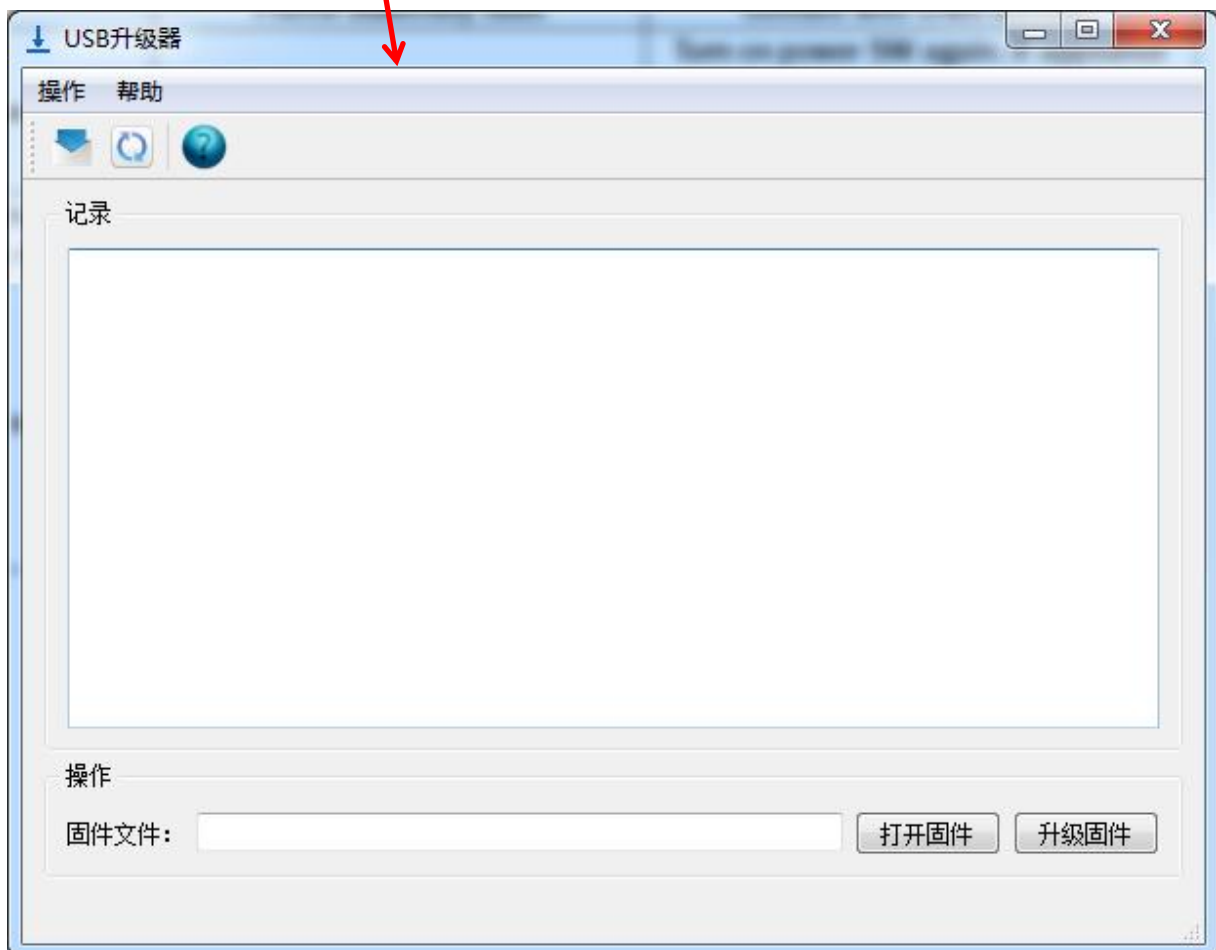
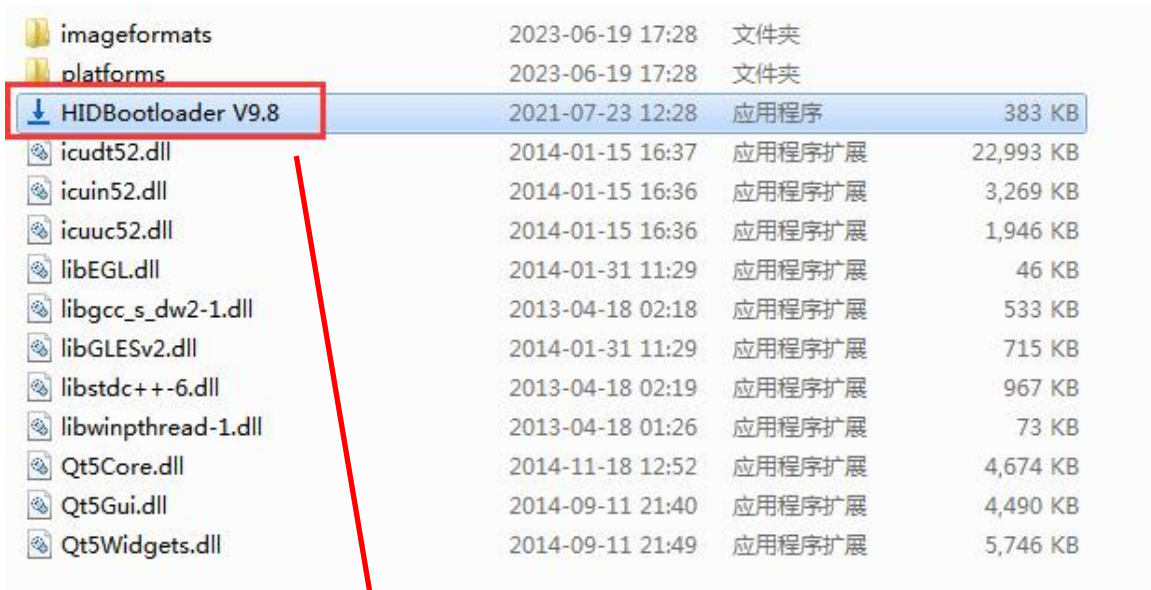
Display	Possible Cause	Recommended action
Error 02 (Check Back SW and FB motor)	Connector became loose during transport.	Check and reconnect the Crane connector.
	The crane track is bent and stuck.	Fix track.
	Crane motor is faulty.	Replace Crane motor.
	Crane motor gear is broken.(Gear keeps ringing)	Replace crane motor gear.
	Mainboard is faulty.	Replace mainboard.
	Crane micro sw is faulty.	Replace crane micro sw.
	Do not touch anti-shake rubber.	Check whether the track is bent.
Error 03 (Check Front SW and FB motor)	Connector became loose during transport.	Check and reconnect the Crane connector.
	The crane track is bent and stuck.	Fix track.
	Crane motor is faulty.	Replace Crane motor.
	Crane motor gear is broken. (Gear keeps ringing)	Replace crane motor gear.
	Mainboard is faulty.	Replace mainboard.
	Crane micro sw is faulty.	Replace crane micro sw.
	Do not touch anti-shake rubber.	Check whether the track is bent.
Error 04 (Check Left SW)	Connector became loose during transport.	Check and reconnect the Crane sensor connector.
	Crane motor is faulty.	Replace Crane motor.
	Crane micro sw is faulty.	Replace crane micro sw.
	Crane motor gear is broken. (Gear keeps ringing)	Replace crane motor gear.
	Mainboard is faulty.	Replace mainboard.
Error 05 (Check Right SW and LR-motor)	Connector became loose during transport.	Check and reconnect the Crane sensor connector.
	Crane motor is faulty.	Replace Crane motor.
	Crane micro sw is faulty.	Replace crane micro sw.
	Crane motor gear is broken. (Gear keeps ringing)	Replace crane motor gear.
	Mainboard is faulty.	Replace mainboard.
Error 06 (Pendulum alarm)	Tilt alarm.	Stop shaking the machine
	Over-sensitivity	Readjust the shaker alarm. Move the pendant down or the circle iron up.
Error 07 (Sensor Error)	Connector became loose during transport.	Check and reconnect the sensor connector.
	Prize detect sensor is faulty.	Replace Prize detect sensor.
	Prize jammed	Remove jammed prize on the prize out hole.
	The Sensor doesn't match the black cloth.	Focus Sensor on the black cloth.

8.2 Mainboard Update Instructions

Notice: Please Contact UNIS Service for latest software.

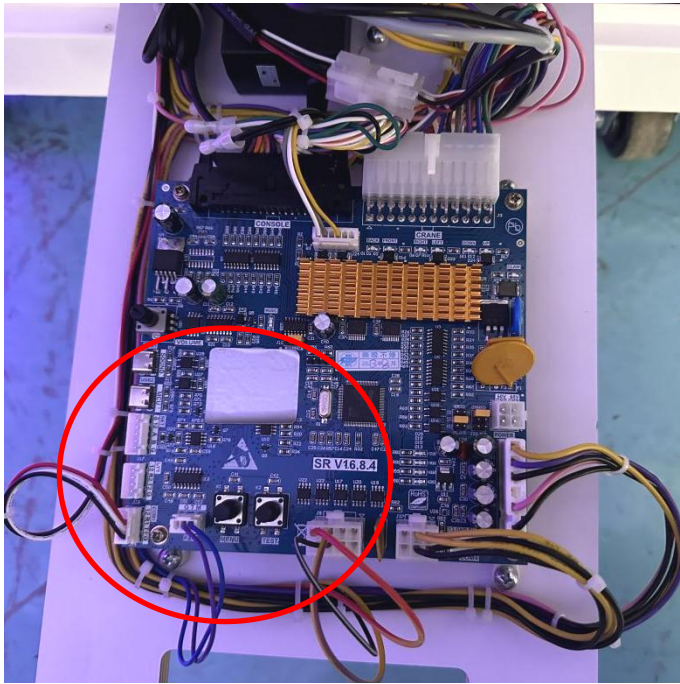
Step 1 Power off the machine. Open the back bottom door. Loosen screws to remove mainboard.

Step 2 Decompress HIDBootloader.zip. Double click to open the software.

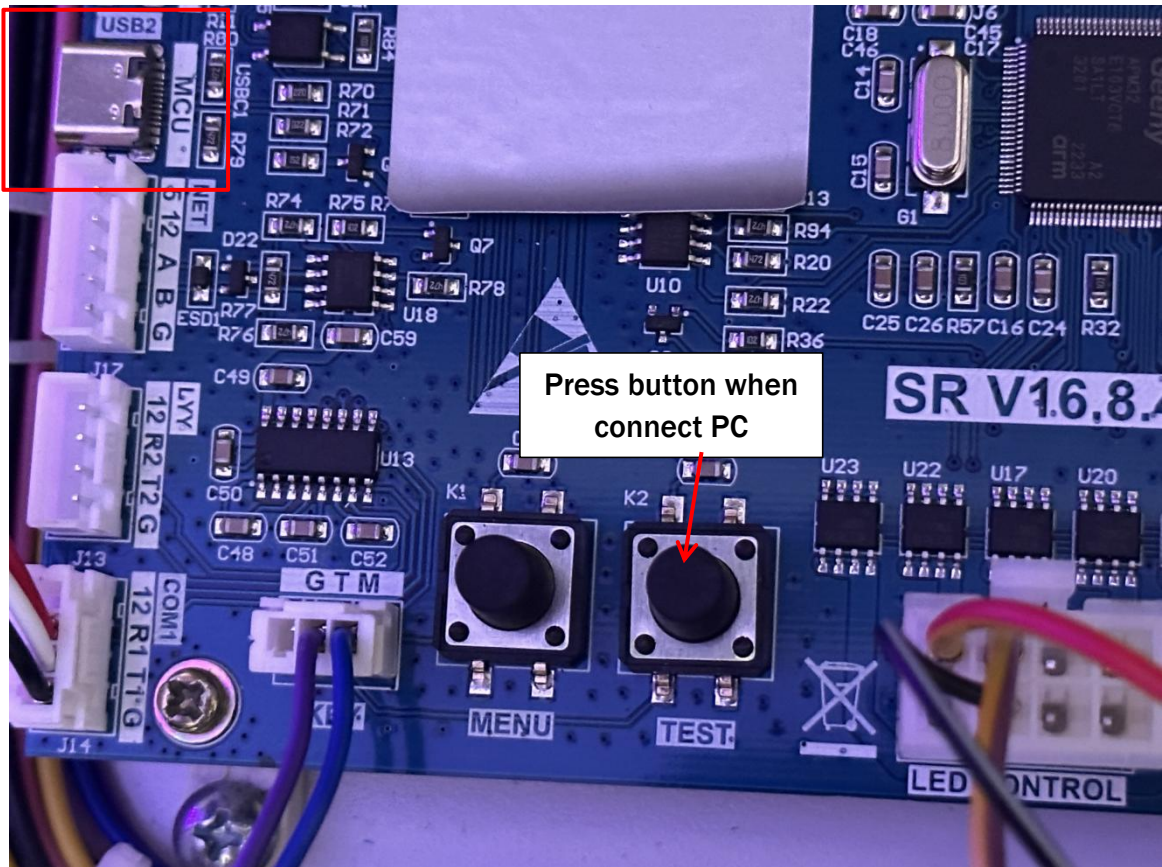


Step 2 Connect Type-C cable to the PC.

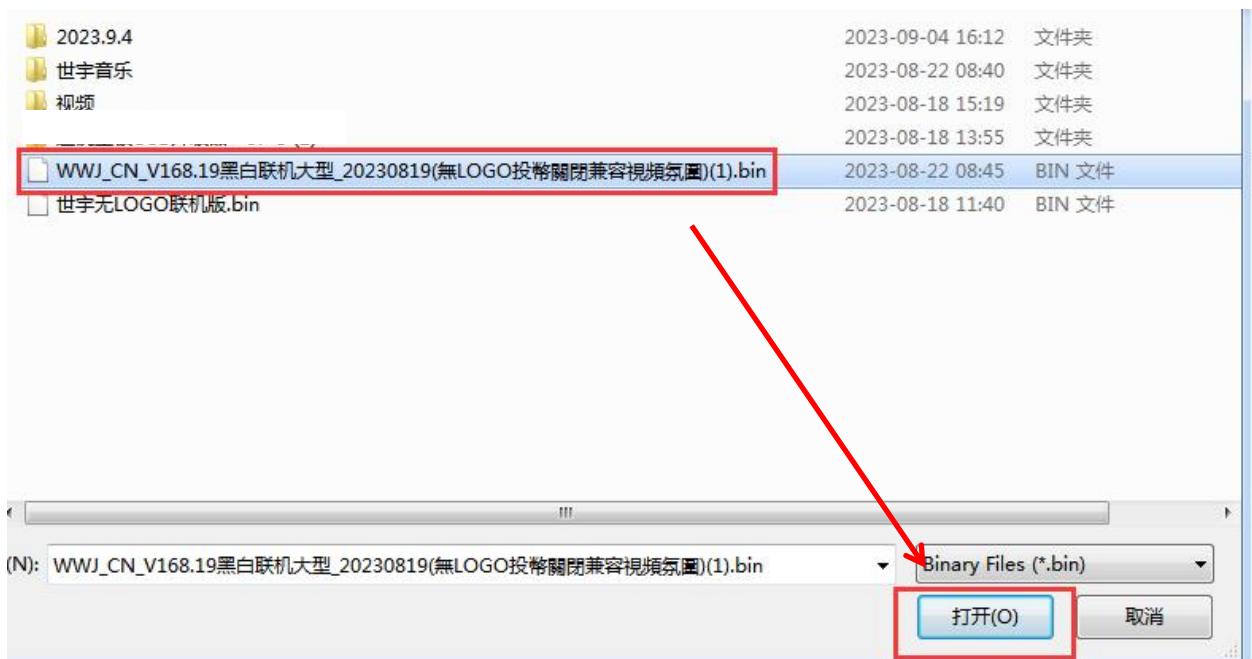
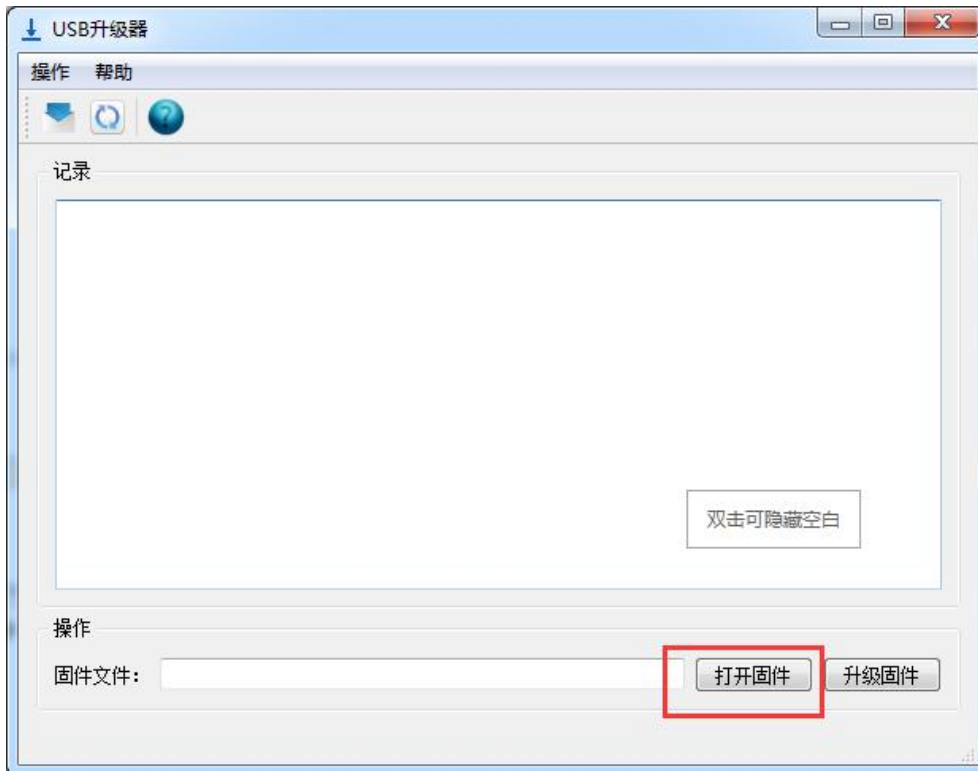
Step 3 Connect Type-C cable to the Mainboard MCU port while pressing Test button.



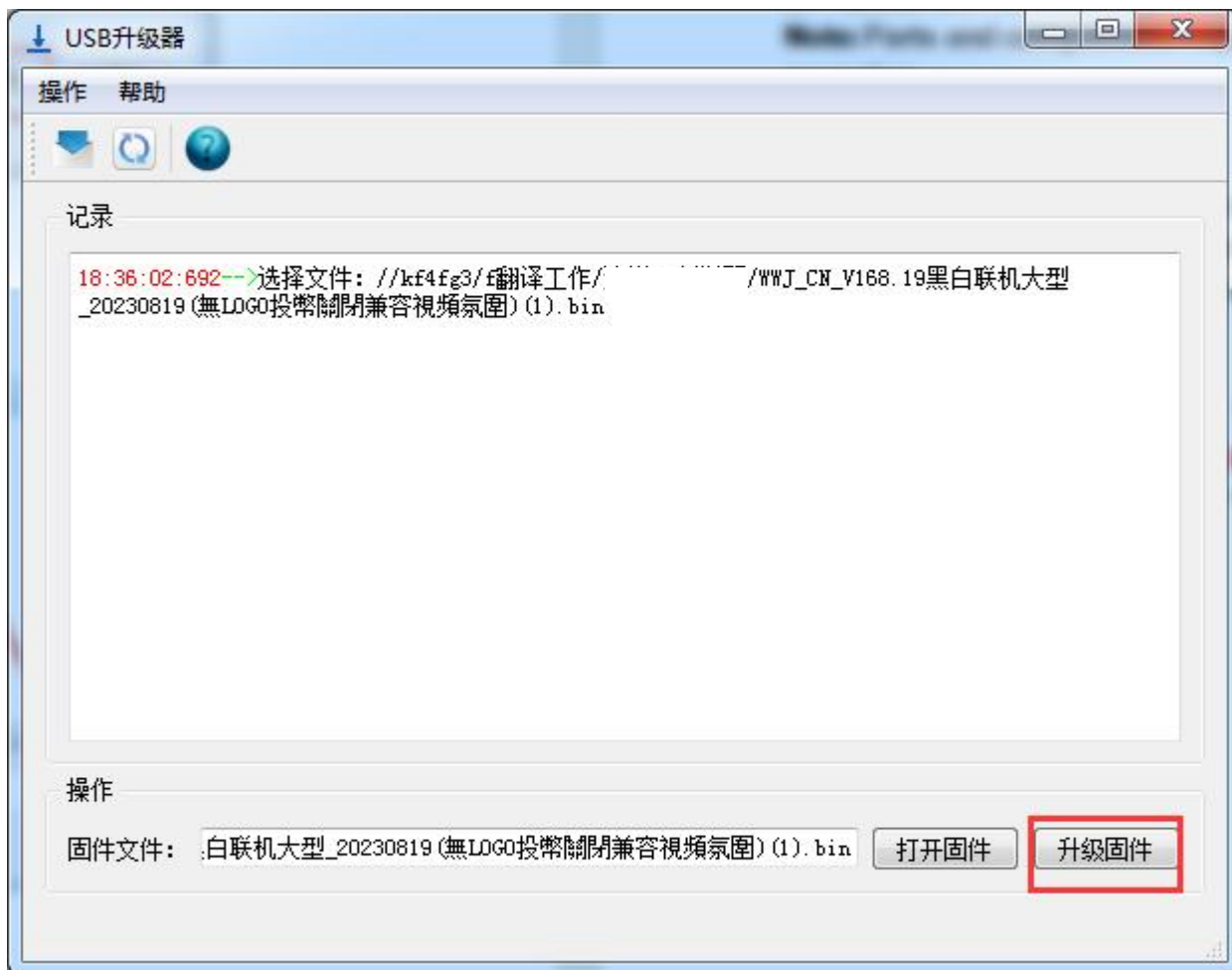
Cable port



Step 4 Locate PC. Select “打开固件”(Open Software). Select latest software(Bin. format).
Note: Picture software is only for reference.



Step 5 Select “升级固件” (Update Software) to update mainboard.



Step 6 When you see “(Success)” , Update finish! Unplug the mainboard.

Step 7 Install Mainboard back to the machine. Power on the machine.

Finish!

9. MAINTENANCE & INSPECTION

9.1 Safety Check

Check the points listed before operating the machine. These checks are necessary for safe machine operation:

1. Test game before operation each day.
2. Conduct monthly routine checks of game components to ensure good working condition.
3. Check the machine regularly for dust and clean when necessary.

Note: Parts and components require preventative maintenance to maintain proper operation.

9.2 Handling Precautions

When installing or inspecting the machine, be very careful and pay attention to ensure that the player can enjoy the game safely.

Inappropriate handling running counter to the cautionary matters can cause personal injury or damage to the machine.

 **NOTICE**

We do not recommend using power tools as they may cause damage.