





IMPORTANT

Be Sure to Read this Manual Before Use

Operation Manual

WE ARE HERE TO ASSIST For parts and service



Have Questions? Contact us!

UNIS SERVICE CENTER

Tel: 972-241-4263

Email: service@unispartsandservice.com

www.unispartsandservice.com

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

INDOOR	MACHINE
NAME: Fantastic Prize GMP	MAX POWER: 350W
MODEL: C-716	MIN POWER: 260W
S/N:	FREQUENCY: 50/60Hz
VOLTAGE : AC110V \sim	DATE:
Guangdong UNIS	Technology Co.,Ltd.

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WIRING DIAGRAM	

Thank you for purchasing Fantastic Prize 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 <u>HAZARD SIGNS</u> 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;

Min. Power consumption: 260W

Max. Power consumption: 350W

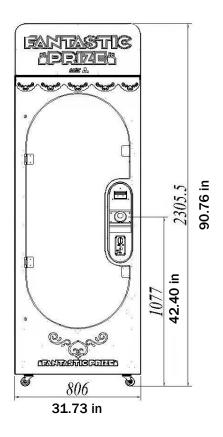
Dimension: W31.73×D37.36×H77.77+12.99(Marquee) in

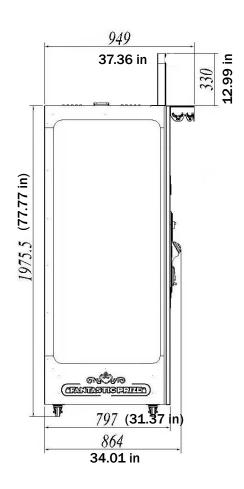
W806 ×D949 ×H1975.5+330(Marquee) mm

Weight: Approximately 458.56 lb/ 208kg

Model No: C-716

Part No: F160





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

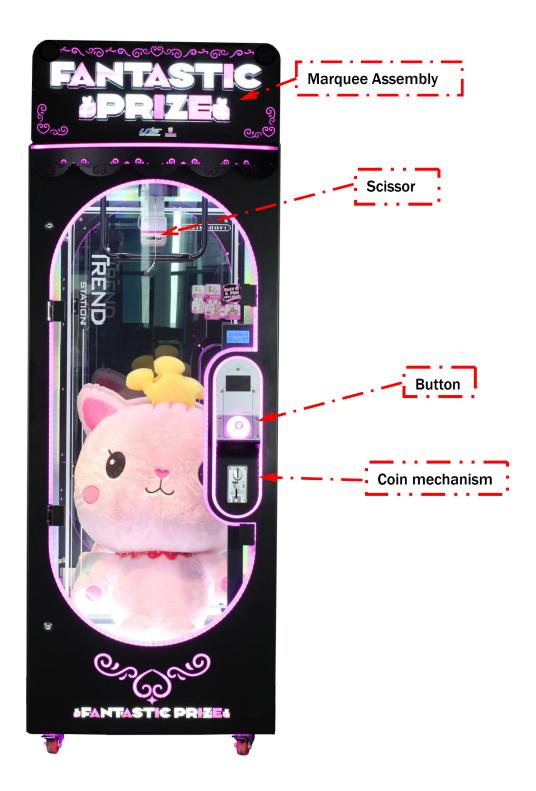
Open the package and make sure all the items are included:

Following accessories

No.	Part No.	Drawing No.	Name/SPEC	Picture	Qty
1	F160-0327-00	/	Key switch key(blue)	(1)	1
2	F160-0301-00	TYJ0078	Door key(red)		2
3	F160-0302-00	TYJ0077	Coin box key(yellow)		1
4	F160-0305-00	XC0120	Power cord	A.	1
5	F160-0306-00	/	String	9	1
6	F160-0304-00	/	Communication cable	00	1
7	F160-0303-00	/	Manual	⊗	1
8	F160-0310-00	/	Phillips screwdriver		1
9	F160-0311-00	TYJ0029	2.5mm Allen wrench		1
10	F160-0312-00	TYJ0028	3mm Allen wrench		1
11	F160-0307-00	/	Blade		2
12	F160-0308-00	/	Blade pressing plate		1 set
13	F160-0309-00	/	Screws		/
14	F160-0324-00	WJWL0146	Coin mech. blank plate		1
15	F160-0326-00	/	Fuse		1

3. PART NAME

Key Components



4. SET UP & INSTALLATION



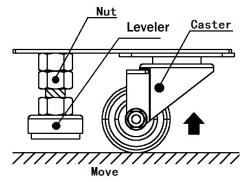
We do not recommend using power tools as they may cause damage.

1 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.



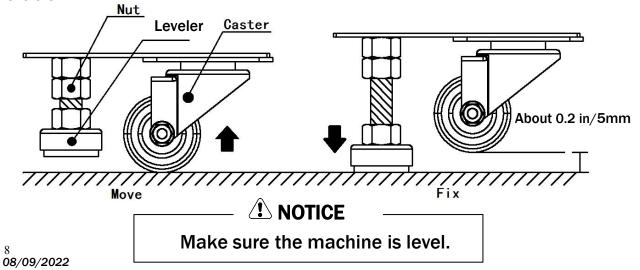


- Be careful not to damage the machine during transport.
- Always unplug the game before moving.
- Keep the machine in upright position during transport.
- For longer distance transport, package the game properly to prevent damages.

4.2 Level Adjustment

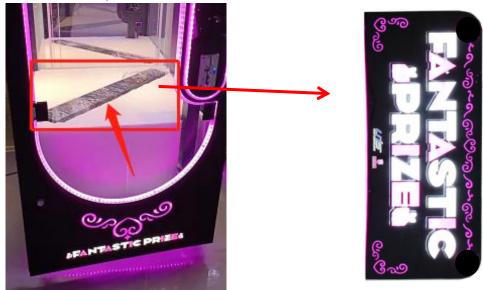
Install this game on a flat surface. If the game is installed on an unsuitable floor, it could cause game malfunction.

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.



4.3 Machine Installation

Step 1 Take out the marquee from the cabinet inside;

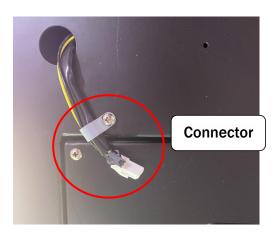


Step 2 Loosen 4 screws on the top;



Step 3 Place the marquee on the top, connect 2 connectors for marquee, and tighten 4 screws;





Step 4 Marquee installation completed \

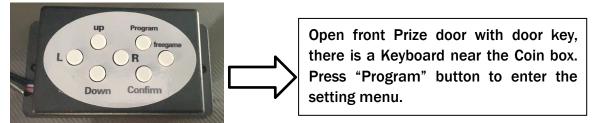


FINISH!

5. LOCATION OPERATION INSTRUCTIONS

5.1 First Power On Operation

Step 1. When first power on the machine, only need to confirm and adjust below parameter \downarrow



No.	Parameter	Recommend	How to Set
1	Coins/Game (How many coins per play)	3-5 coins	Screen:SetUp-Password(9999)-Coin/Ga me-Input

Warning: All the other parameters have been fully tested by factory technical personnel before shipped. Do not adjust until you have read the manual & instructions in detail.

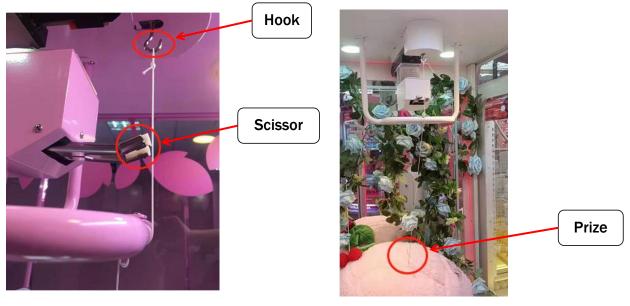
5.2 Prize Hanging Important Notice

Note: Please follow the process to hang the prize!

Step 1. Take out the String from accessory bag (see below picture).



Step 2. Tie one end of String to the Hook and the other end of String to the Prize; The String must be tied inside the middle lowest point of Hook, and must be fixed straight;



(One end of String to the hook ↑)

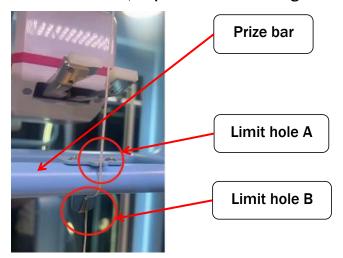
(The other end of String to the Prize ↑)

Two Ways of Placing Prize: Prize can be hung or place onto the Platform

Prize Hung Weight Limit: 33.06 lb

Prize Platform Bearing Weight Limit: 176.36 lb

Step 3. When pull the string to pass through the prize bar, please make sure the string pass both Limit hole A and Limit hole B, requests 2-3 circles to go through Limit hole B;



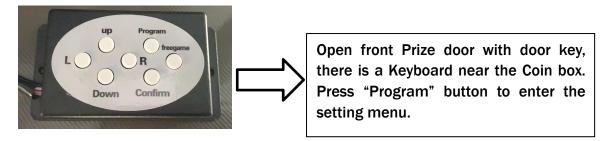
6. HOW TO PLAY

- 1. Insert Coin(s) or Tap/Swipe Card to Start.
- 2. Press and hold the button to extend the scissors.
- 3. Release the button in a good timing to cut the string.
- 4. If String cut: Door will open, the prize drops and player wins the prize. If String not cut: player should try again.

Note: Attendant should refill the prize after prize is collected by player.

7. GAME OPTION

7.1 Keyboard instruction



After entering the menu, use the keyboard to control mini screen cursor to up, down, left and right to choose, press "Confirm" button to enter or save.

Options	Description
L	Move mini screen cursor to left
R	Move mini screen cursor to right
ир	Move mini screen cursor to up
Down	Move mini screen cursor to down
Program	Key button to enter setting menu from gameplay
freegame	Service coin to activate plays
Confirm	To confirm every selection

7.2 Setting menu

7.2.1 Main menu: The first interface while entering the setting menu

Options	Description
Accounts	Refer to 7.2.2
Open Door	Refer to 7.2.3
Set Up	Refer to 7.2.4
Test	Refer to 7.2.5
Sys Info	Refer to 7.2.6
Exit	

7.2.2 Accounts: operation records are included as below

Options	Description
Coins	The total number of coins inserted.
Games	The number of games
Gifts	The total number of prize out.

Linking total accounts(In No.1 machine)

Options	Description
Coins	The total number for all cabinets of coins.
Games	The number of games for all cabinets
Gifts	The total number of prize out by all connected machines.

7.2.3 Open Door: a short cut to open front glass door

7.2.4 Set Up: Basic set up & Advance set up are included as below

Basic set up

Enter a 4 digits password (initial password "9999"), then press "Confirm" button.

Options	Adjustable value	Default	Description
Coin/Game	1-20	2	The number of coins for each game.
2Pat/Game	1-2	2	How many pats per game.
Auto Door	Y/N	On	The open or close status of front glass door Y: Glass door can open at prize winning time or when no prize is hanging. N: Glass door cannot be opened all the time.
Standby Mus	Y/N	On	Y:Turn on Standby Music N: turn off Standby Music
Calibration			Scissors calibration Please refer to 9.5
Clear Bill			Clear account and the number of games
Password			Change Basic Set Up password
Back			Back to the front page

Note: Basic set up initial passwords can be changed by operator in "Password" option.

Advance set up (Special for Factory Service Usage)

NOTICE

Do not recommend to change here without consulting UNIS factory servicing center. Change settings may cause the machine to be faulty.

Factory settings already set these data with a proper default, therefore do not recommend.

Enter a 4 digits password (initial password "4321"), then press "Confirm" button.

Options	Adjustable value	Default	Description
Free Games	Y/N	OFF	Y:Free play
	-,		N:No free game
Cut Width	120-180	150	For prize out usage: The distance between the scissor and the rope. It is to help prize out, the biggest the number, more helpful for prize out.
Length		1850	The farthest distance of the scissor.
Key Open	On/Off	On	On: glass door can only open one time while player winning a prize; Off:glass door can open while player winning a prize or no prize hanging;
Machine No.	Stand-Alone/No.1-No12		Stand-Alone: Single Mode No.1-No.12:Linking Mode machine No.
Factory Reset			To reset the machine
Language	Use Cn: Y/N		To switch language between English and Chinese;
Back			

Note: Advance set up initial passwords can not be changed in any way!

7.2.5 Test

Options	Description
Test	Test the electrical components.
Cut Test	Test the crane to cut the string.
Exit test	Back to the front page

7.2.5.1 Test

Options	Description
Win signal	Test the Prize sensor.
Coin signal	Test the coin mechanism.
F/B Move	Test the Front and back motor and reset sensor.
Scissors	Test the Scissors motor and reset sensor.
Music test	Test all sound effects.
Net Test	Test all linking effects when the machine is in linking mode

7.2.5.2 Cut Test:Test the crane to cut the string.

7.2.6 System Information

Options	Description	
INFO	Game Version, such as "L13000"	
Ver.	Program version, such as "J 197T"	
DATE	Software update date, such as	
DAIL	"May 30 2022"	

8. TROUBLESHOOTING

8.1 Common Problem

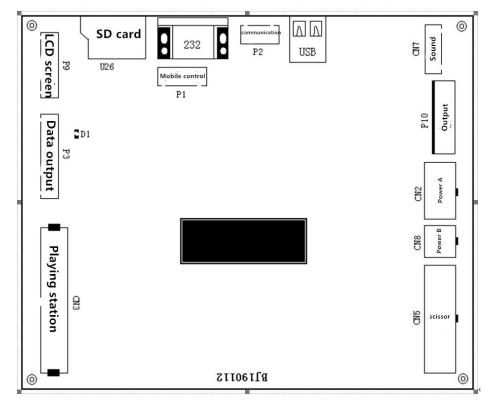
Please confirm that all connectors fit tightly.

Symptom	Possible Cause	Recommended action
Game will not start	Frame assembly connector is loose.	Check connector.
Start	Frame assembly fault	Contact with UNIS Service.
		Turn on power SW again. If appeared
Power off	Circuit protector make power SW	again and again, machine has
Fower on	in off state.	anomaly. Please contact with UNIS
		Service.
	Low volume	Raise the volume.
	Connector loose.	Check connector.
	Speaker fault.	Check speaker.
No sound	POT installation error.	Install POT correctly.
	POT fault.	Change POT.
	Audio cable problem.	Reconnect the audio cable or change it.
	Door lock is faulty	Replace the door lock.
The prize door can't open.	The door holder stuck with the lock.	Remove the door holder.
	The door stuck with the cabinet frame.	Utilize key to open.
	Linking failure	Linking again.
	Mainboard 485 connector and	
	communication connector	Check connector.
Linking failure	became loose during transport.	
	Machines number are the same.	Make sure each machine number is unique.
	Few linking machine.	Machine less than 3 units cannot be connected.

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

Display	Possible Cause	Recommended action	
2 Door is Open	The prize door is not been closed.	Close the prize door	
	The prize door lock is faulty.	Replace the prize door lock.	
	The crane do not touch the Back limited sensor.	Restart the machine.	
5 Y reset err	Connector became loose during transport.	Check and reconnect the Back limited sensor and Front&back motor connector.	
	Back limited sensor is faulty.	Replace Back limited sensor.	
	The prize door is not been closed. The prize door lock is faulty. The crane do not touch the Back limited sensor. Connector became loose during transport. Back limited sensor is faulty. Front and back motor is faulty. The scissors are not cut or continuously cutting during the game. Connector became loose during transport. Scissors sensor screw loosen Scissors sensor is faulty. Scissors motor is faulty. The coin mechanism signal is faulty. The coin mechanism is faulty. No prize on the cabinet. The prize is too light Hook sensor is faulty. Wait Mainboard 485 connector	Replace Front and back motor motor.	
	continuously cutting during the	Restart the machine.	
6 Z reset err	Connector became loose	Check and reconnect the sensor and	
	during transport.	motor connector.	
	Scissors sensor screw loosen	Adjust the scissors sensor screw.	
	Scissors sensor is faulty.	Replace scissors sensor.	
	Scissors motor is faulty.	Test the scissors motor.(Refer to 8.4). If the motor is faulty, replace scissors motor.	
15 coin err	The coin mechanism signal is faulty.	Turn the NO/NC switch to the NO position.	
	The coin mechanism is faulty.	Replace coin mechanism.	
	No prize on the cabinet.	Add prize.	
7 No present	The prize is too light	The prize weight should be over 0.5kg.	
	Hook sensor is faulty.	Replace Hook sensor.	
24 Wait Rs485 Link	Mainboard 485 connector became loose during transport.	please check whether 484 communication is loose.	

- 8.2 System Update Operation (NOTE: Do not disconnect power during this process.)
- 1. Turn off the game. Insert the SD card into the SD card socket of the mainboard.
- 2. Restart machine; The system will automatically start update.
- 3. Wait for several seconds, remove SD card.
- 4. Assure that the SD card has been properly secured for future use.



WARNING: The SD card should only be used to update system. Using it for other purposes may cause unexpected results and damages.

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.



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

9.3 Prize Supplement Instruction

Step 1 Long press the "Start" button about 8s, The door will open automatically.

Step 2 Add prize and close the door. (Refer to 5.3 Prize Hanging Important Notice)

9.4 Scissor Motor Test Instruction

Step 1 Power off the machine. Open the prize door and locate Crane. Unplug the Scissor motor connector.

Step 2 Locate Main board. Unplug main board power supply.

Step 3 Connect 12V power supply to the Motor. Power on. Test the motor whether is faulty.

9.5 Scissors Calibration Instruction

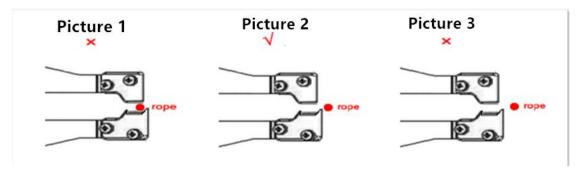
Note: Please make sure to bind the prize first, then do the test! If not, test will be not fully completed!

Step 1 Enter Setting menu(Refer to 7.1-7.2).

Step 2 Select "Set Up", enter password "9999". Select "Calibration". Press both the Right button and Confirm button to start calibration.

Step 3 Utilize Key board Up&Down button to adjust the scissors distance.

Step 4 Pay attention to the L scissor and the string distance. Stop adjust the scissors when the L scissor is 0.01 inch (0.3mm) away from the string.

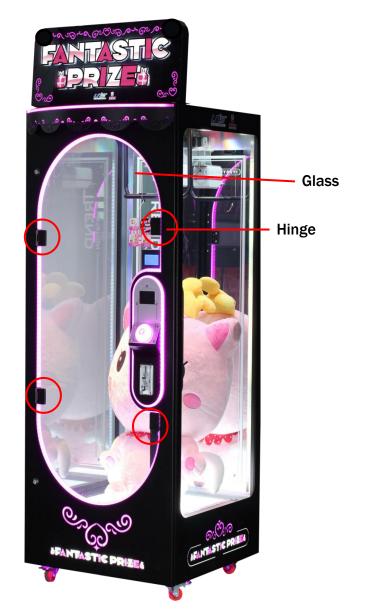


Step 5 Press Confirm button to Save the scissors calibration.

9.6 Front Door Glass Replacement Instruction

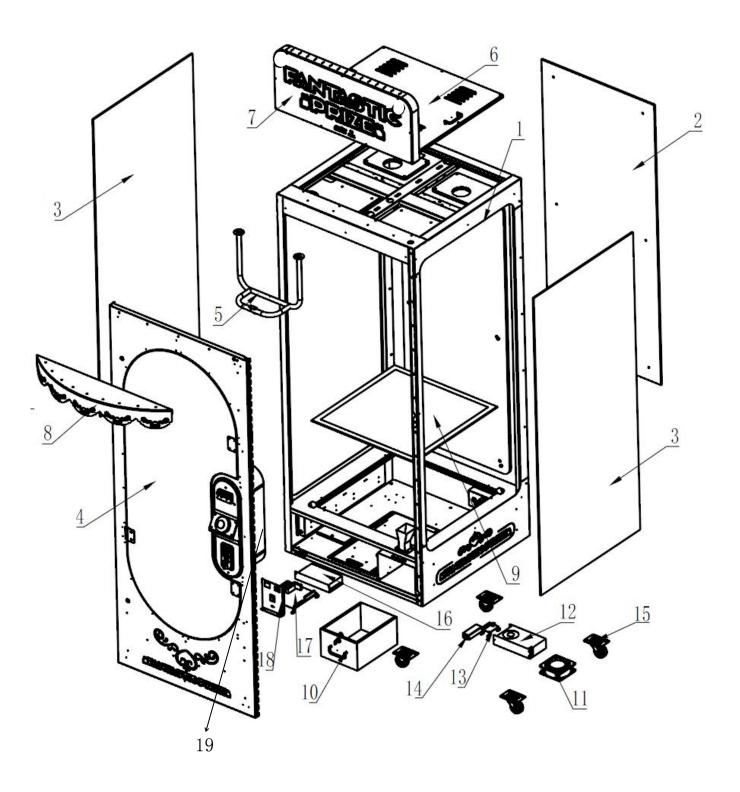
Step 1 Power off the machine. Open the Front door. Loosen hinge screws to remove Front door glass.

Step 2 Replace it with new Glass and install it in reversed order.



10. OVERALL CONSTRUCTION

10.1 General Assembly



No.	Part No.	Drawing No.	Name	Qty
1	F160-0180-00	WJWL0076	Main cabinet bracket	1
	F160-0181-00	WJWL0077	Back glass mirror	1
2	F160-0228-00	HC0441	Screw set	1
	F160-0229-00	HC0442	Rubber set	1
3	F160-0182-00	WJ0195	Side glass	2
	F160-0183-00	WJWL0078	Front door	1
4	F160-0118-00	TYJ0247	Front door lock	1
	F160-0316-00	/	Front door glass panel	1
5	F160-0184-00	WJWL0079	Prize hanger	1
6	F160-0185-00	WJWL0080	Top protective cover	1
7	F160-0186-00	WJWL0081	Upper decoration acrylic	1
8	F160-0187-00	WJWL0082	Front door decoration acrylic	1
9	F160-0188-00	WJWL0083	Mounting plate	1
10	F160-0119-00	TYJ0081	Coin box lock	1
10	F160-0189-00	WJWL0084	Coin box	1
11	F160-0190-00	WJWL0085	Fan	1
12	F160-0191-00	WJWL0086	Power supply plate	1
13	F160-0192-00	WJWL0087	Prize light control board plate	1
14	F160-0193-00	WJWL0088	Light controller plate	1
15	F160-0194-00	WJWL0089	Caster	1
16	F160-019500	/	Power supply plate	1
17	F160-0196-00	/	Mainboard plate	1
18	F160-0197-00	/	Counter plate	1
	F160-0318-00	WJ0125	Coin frame	1
19	F160-0319-00	DZ0272	Emergency button	1
	F160-0323-00	TYJ0389	Key switch	1

10.2 Decal Part



No.	Part No.	Drawing No.	Name	Qty
1	F160-0201-00	/	Letter plastic	1
2	F160-0202-00	/	Marquee decoration acrylic	1
3	F160-0206-00	/	110V nameplate	1
4	F160-0204-00	/	Bottom decal	1
5	F160-0203-00	/	Side decal	2

CAUTION! DBV 110V

1



No.	Part No.	Drawing No.	Name	Qty
1	F160-0207-00	/	DBV label	1
2	F160-0208-00	/	How to play instruction decal	1



Non maintenance personnel, do not open



Indoor Use

This position is the power outlet.

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WARNIN

In order to ensure the normal operation of the machine, please adjust the level of the machine, and confirmed that the machine has been placed stable.



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

Power off for 10 seconds

before start again!

▲ WARNING



Non-maintenance personnel, do not open.

26 **08/09/2022**

No.	Part No.	Drawing No.	Name	Qty
1	F160-0210-00	/	Maintenance warning label	1
2	F160-0211-00	/	Caster decal	1
3	F160-0212-00	/	Restart notice decal	1
4	F160-0220-00	/	Socket label	1
5	F160-0221-00	/	Indoor use decal	1
6	F160-0213-00	/	High voltage label	1
7	F160-0214-00	/	Maintenance label	1



No.	Part No.	Drawing No.	Name	Qty
1	F160-0320-00	YKL1898	Emergency notice decal	1
2	F160-0208-00	YKL1897	Push decal	1

THIS GAME SHOULD BE
SERVICED BY AUTHORIZED
PERSONNEL ONLY

1

FOR PARTS AND SERVICE
CONTACT UNIS USA
972 241 4263

///WARNING!!!\\\

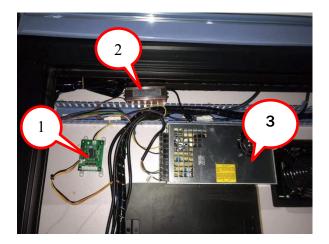
DO NOT SERVICE UNIT WITHOUT READING OWNERS MANUAL HIGH VOLTAGE!!!

2

3

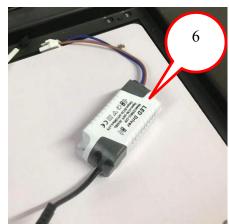
No.	Part No.	Drawing No.	Name	Qty
1	F160-0224-00	/	Maintenance label(Green)	1
2	F160-0225-00	/	Maintenance label(Yellow)	1
3	F160-0226-00	/	Maintenance label(Orange)	1

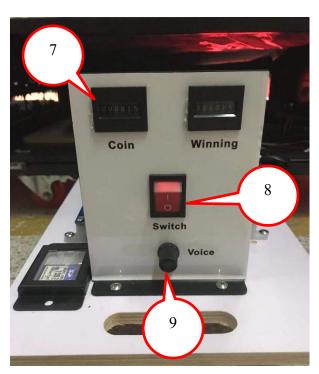
10.3 Electrical Components

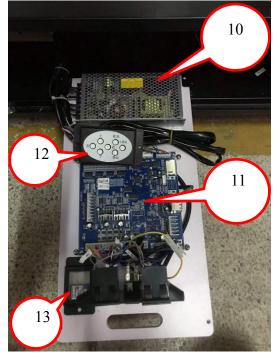




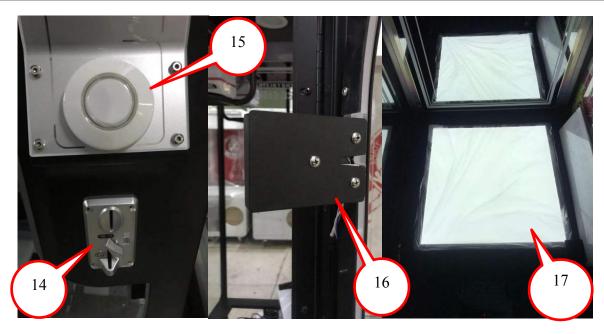




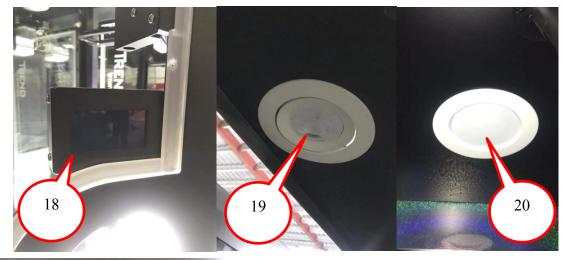




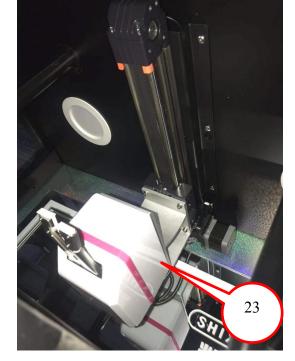
No.	Part No.	Drawing No.	Name	Qty
1	F160-0109-00	DG0047	Prize light card	1
2	F160-0108-00	DG0048	48W driver	1
3	F160-0116-00	TYJ0246	Power supply(12V)	1
4	F160-0128-00	TYJ0059	Fan	1
4	F160-0129-00	TYJ0058	Fan net	1
5	F160-0133-00	TYJ0049	Filter	1
6	F160-0112-00	DG0044	Light driver	4
7	F160-0134-00	TYJ0047	Counter	2
8	F160-0313-00	TVJ0054	Power SW	1
9	F160-0314-00	DZ0259	Volume POT	1
10	F160-0117-00	TYJ0246	Power supply(125A)	1
11	F160-0101-00	DZ0051	Mainboard	1
12	F160-0103-00	DZ0049	Keyboard	1
13	F160-0315-00	SH0165	SD card	1

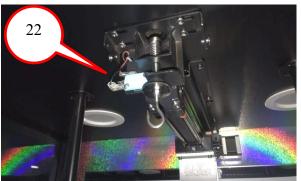


No.	Part No.	Drawing No.	Name	Qty
14	F160-0127-00	TYJ0062	Coin mechanism	1
15	F160-0126-00	TYJ0069	Button with light	1
16	F160-0125-00	TYJ0072	Lock	1
17	F160-0107-00	DG0049	Bottom light board	1









No.	Part No.	Drawing No.	Name	Qty
18	F160-0102-00	DZ0050	Display	1
19	F160-0111-00	DG0045	Yellow light	2
20	F160-0110-00	DG0046	White light	2
21	F160-0115-00	DG0108	White light board	1
22	F160-0153-00	DZ0043	Hook SW	1
23	F160-0152-00	DZ0047	Crane	1



No	Part No.	Drawing No.	Name	Qty
1	F160-0323-00	TYJ0389	Key switch	1
2	F160-0319-00	DZ0272	Emergency button	1

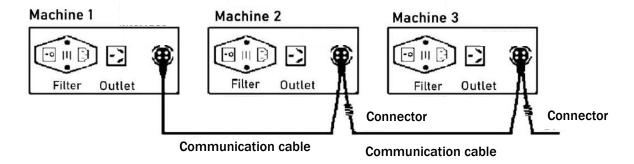
Appendix: Linking Instructions(For 3-12 Fantastic Prize machines only)

Warning: Do not change any Settings expect "Machine No." in Set Up (Password "4321"). Change Settings randomly may cause the machine to be faulty.

1. Linking Installation Instruction

Notice: Less than 3 machines cannot be connected.

Step 1 Insert Communication cable to Communication port on each cabinet.



Step 2 Enter Setting menu(Refer to 7.1-7.2).

Step 3 Select "Set Up"- enter password "4321".

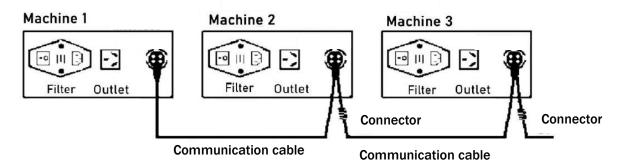
Step 4 Select "Machine No."- Set a unique number for every cabinet(No.1-No. 12).

Notice: No.1 cabinet is for the host.

2. Single Machine Setup Installation Instruction

If you want to change from Linking mode to Single mode, follow these steps as shown below:

Step 1 Unplug the Communication cable.



Step 2 Enter Setting menu(Refer to 7.1-7.2).

Step 3 Select "Set Up"- enter password "4321".

Step 4 Select "Machine No."- Set to single mode for cabinet.

