

# **PAC-MAN BATTLE ROYALE CHOMPIONSHIP DELUXE OPERATION MANUAL**

The actual product may differ slightly from the illustrations in this manual.

## **WARNING**

- To ensure safe operation of the game machine, be sure to read this Operation Manual before use.
- Keep this Operation Manual in a safe place for quick access whenever needed.

# IMPORTANT

Read PRECAUTIONS and INSTALLATION  
Sections before operating game

## RF Notice

**Note:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operating in a commercial environment. This equipment uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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# INTRODUCTION

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Thank you for purchasing the “PAC-MAN BATTLE ROYALE CHOMPIONSHIP” game machine (hereinafter referred to as the “machine”).

This operation manual describes:

- How to install, operate, relocate, transport, service, and discard the machine safely and properly
- How to operate the machine correctly and make full use of its features
- How to ensure the safety of players and bystanders

Inquiries regarding this machine and its repair

- For further information about the machine and its repair, contact your distributor.

The software included in the machine is protected by copyright laws. The software may not be copied, modified, distributed publicly, or used for purposes other than the operation of this game machine. Violators of copyright laws may be subject to criminal penalties. Do not use the storage media containing software in any other game machine; doing so may cause that machine to malfunction.

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# SAFETY PRECAUTIONS – Be sure to read this section before installing or operating the machine. –

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## Instructions to the owner

- If you entrust another party to perform installation, operation, relocation, transportation, service, or discarding of the machine, instruct the concerned party to read and observe all the instructions and precautions in this operation manual regarding the particular action to be taken.

## Magnitudes of risk

On the labels attached to the machine and in this operation manual, precautions regarding safety and property damage are classified as shown below in accordance with the magnitude of the particular risk.

 **WARNING** : Failure to avoid the indicated risk may result in death or serious injury.

 **CAUTION** : Failure to avoid the indicated risk may result in minor injury or property damage.

Notes related to machine functions but not to safety are marked with the following indication.



- Note related to product function or protection.

## Definition of “technician”

This operation manual is written for arcade personnel. However, the sections marked “To be conducted by a technician only” in the table of contents are written for technicians. These tasks should be conducted by technicians only.

**Technician:** A person engaged in machine design, manufacture, inspection or service for a manufacturer of amusement equipment, or a person who has technical knowledge related to electricity, electronics or mechanical engineering at a level equal to or higher than that of a technical high school graduate and who is engaged routinely in the service and management (including repair) of amusement machines.

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## Critical safety precautions

### WARNING

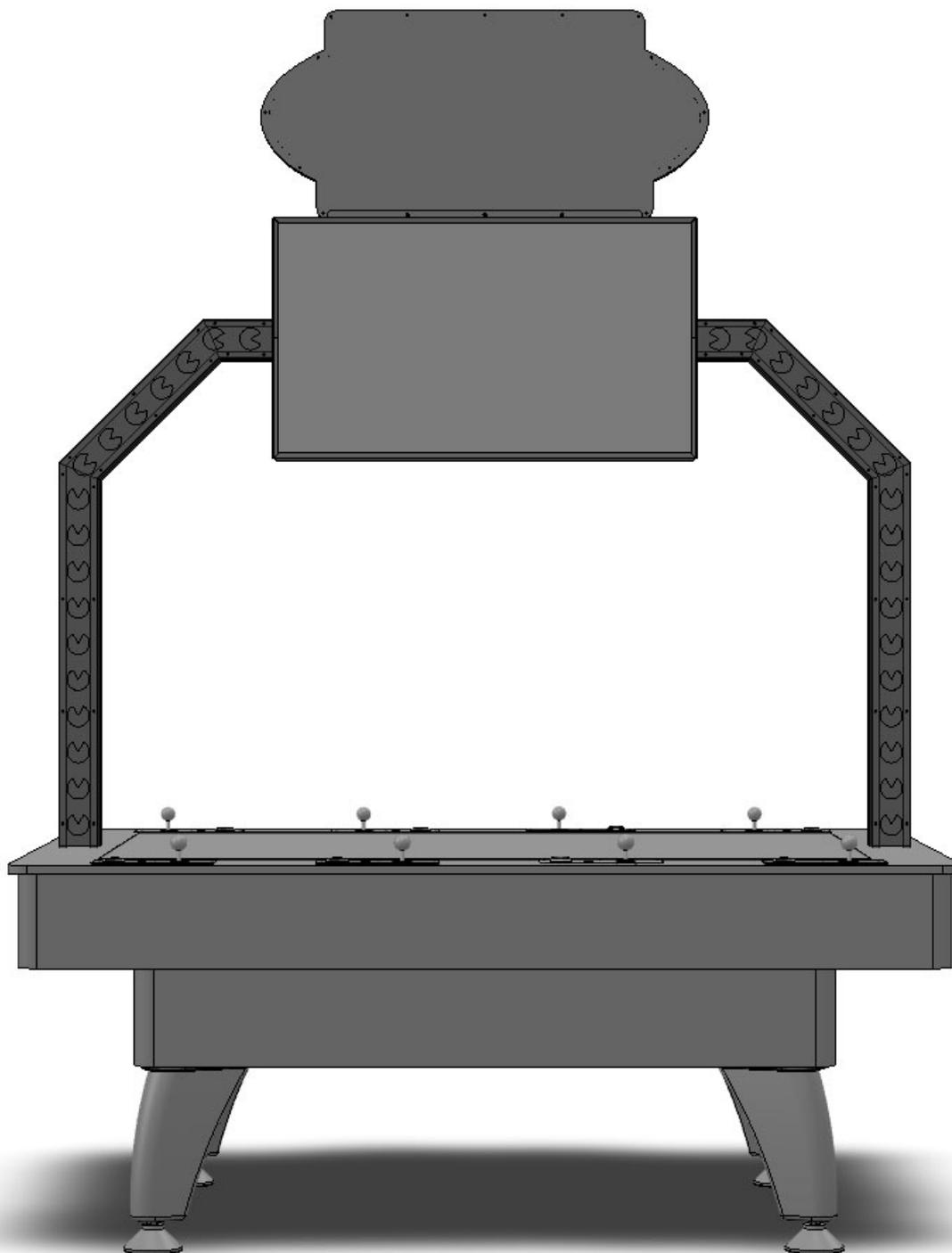
- Should any abnormality occur, turn off the power switch immediately to stop operating the machine. Then, unplug the power cord plug from the AC outlet. Operating the machine without correcting abnormalities can result in a fire or accident.
- Some monitor sections remain hot or charged with high voltage even after the power switch is turned off. Do not touch the monitor unnecessarily in order to avoid electric shock and burns.
- Dust accumulated on the power cord plug may cause a fire. Check the power cord plug regularly and remove dust.
- Insert the power cord plug firmly into the AC outlet. Poor contact may cause overheating that can lead to a fire or burns.
- A damaged power cord can cause a fire, electric shock or electrical leakage. Observe the following cautions.
  - Keep the power cord away from heating devices.
  - Do not twist the power cord.
  - Do not bend the power cord forcibly.
  - Do not alter the power cord.
  - Do not bundle the power cord.
  - Do not pull the power cord. (Always unplug by holding the power cord plug, and avoid pulling the power cord.)
  - Do not place anything on the power cord.
  - Do not allow the power cord to be caught under or between the machine, other equipment or the wall.
  - Do not do anything else that might damage the power cord.
- Do not wet the power cord or power cord plug with water. Water can cause an electric shock or electrical leakage.
- Do not touch the power cord plug with a wet hand. Doing so can result in an electric shock.
- The machine's rated power supply voltage and maximum consumption current are 115 V AC, 8 A, respectively. To prevent fire and electric shock, be sure to use interior wiring that conforms to these power supply specifications.
- Operate the machine with a power supply voltage in the range of 104 to 115 V AC.

Operating the machine with a supply voltage outside the specified range may cause a fire or electric shock. To ensure that the machine operates in optimum condition, maintain the power supply at 115 V AC.
- To ensure safe operation of the machine, be sure to conduct the pre-service check and service described in this manual. Failure to conduct the pre-service check or service can result in an accident.
- Use consumables and service parts (including fasteners) specified by our company. To order parts, contact your distributor.
- Do not convert the machine without permission. Do not perform any work that is not described in this operation manual. Unauthorized conversion of the machine may create unforeseen hazards.
- When transferring ownership of the machine, be sure to provide this operation manual with the game machine.

# SPECIFICATIONS

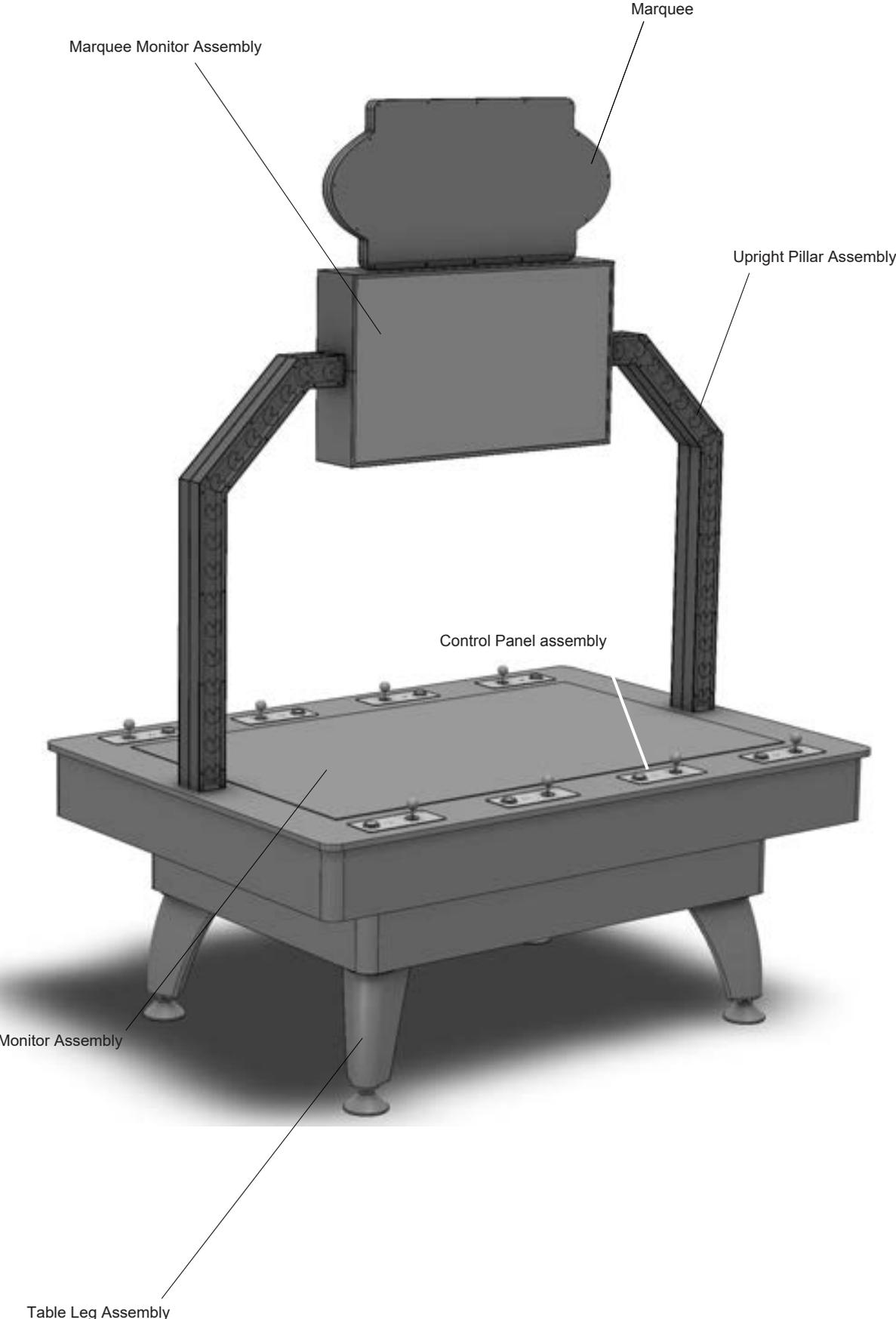
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- |                                |   |
|--------------------------------|---|
| (1) Rated power supply:        | US 115 +/- 10% V AC (50/60 Hz) - UK 230 +/- 10% VAC (50/60Hz) |
| (2) Maximum power consumption: | 500W  |
| (3) Maximum current Input:     | 8A (115V AC power supply) 4A (230 V AC power supply)          |
| (4) Dimensions                 | 95 x 86 x 115 in. (2,413 x 2,184 x 2,921 mm) (W x D x H)      |
| (5) Weight                     | 600 lbs   |

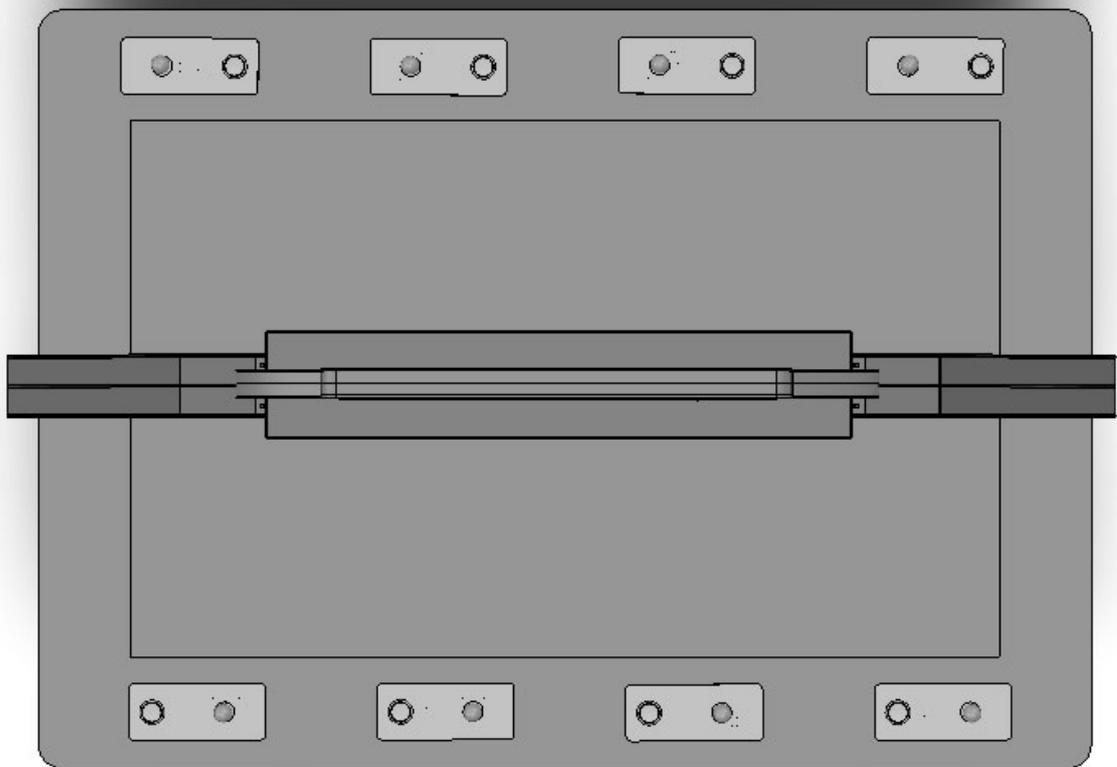


# OVERALL CONSTRUCTION (Names of Parts)

■ Front



Top View



# INSTALLATION

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## WARNING

- Install the machine according to the instructions and procedures specified in this operation manual. Failure to follow the specified procedures may result in a fire, electric shock, injury or machine malfunctions.
- Insert the power cord plug firmly into the AC outlet. Poor contact may cause overheating that can lead to a fire or burns.
- Install the machine securely by using the level adjusters. Unstable machine installation can result in an accident or injury.

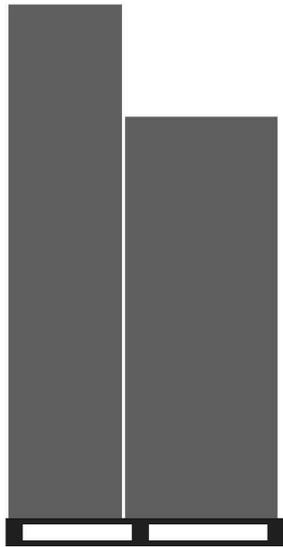
### Installation conditions

#### Locations to avoid when installing the machine

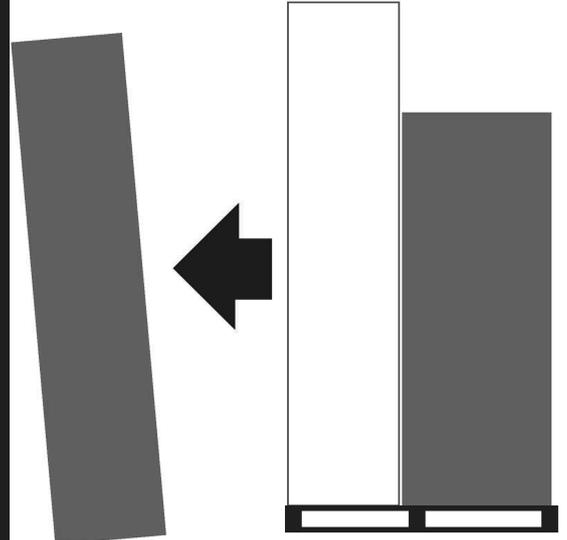
## WARNING

- The machine is designed for indoor use. Never install the machine outdoors or in any of the following places:
  - A place subject to direct sunlight
  - A place exposed to rain or water leakage
  - Damp place
  - Dusty place
  - A place close to heating devices
  - Hot place
  - Extremely cold place
  - A place where dew condensation may occur due to temperature differences
  - A place where the machine may become an obstruction in emergencies (such as near an emergency exit) or a place where a fire extinguisher or similar equipment is installed
  - Unstable place or location where vibrations are produced

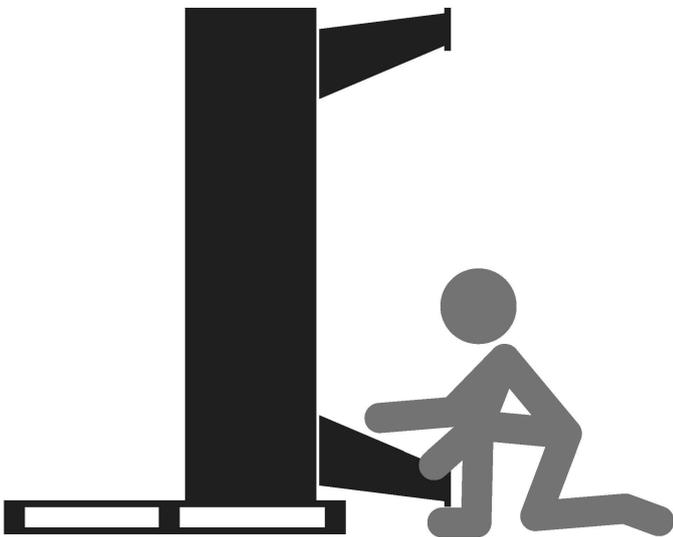
# UNPACKING DIRECTIONS:



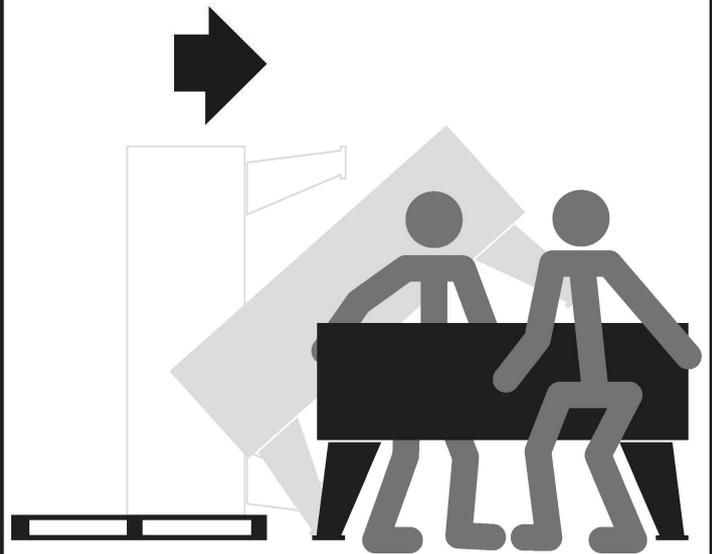
**Pallet contains 2 boxes,  
One taller, one shorter**



**With help at least 2 people  
move taller box off pallet and  
lean in a safe location.**



**lift cardboard from base  
of tabletop and attach 4 legs.**



**With at least 2 people, Carefully tip  
table down onto its legs.**

# OPERATION

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## WARNING

- Some monitor sections remain hot or charged with high voltage even after the power switch is turned off. Do not touch the monitor unnecessarily in order to avoid electric shock and burns.
- Dust accumulated on the power cord plug may cause a fire. Check the power cord plug regularly and remove dust.
- Insert the power cord plug firmly into the AC outlet. Poor contact may cause overheating that can lead to a fire or burns.
- Be sure to check that the machine has been installed according to the instructions and procedures specified in this operation manual before operating the machine. If the machine is not installed properly, fire, electric shock, injury or equipment malfunction can occur.
- The warning labels describe important safety precautions. Be sure to observe the following:
  - To ensure that the warning labels attached to the machine are easily legible, install the machine at an appropriate location with ample illumination and keep the labels clean at all times. Also, make sure that the labels are not hidden behind another game machine or other objects.
  - Do not remove or alter the warning labels.
  - If the warning labels become excessively dirty or damaged, replace them with new labels. To order warning labels, contact your distributor.
- To ensure safe operation of the machine, be sure to conduct the pre-service check and Service described in this manual. Failure to conduct the pre-service check or service can result in an accident.

## CAUTION

- If a player becomes sick due to light stimulation or game images, have that person stop playing the game immediately and let him/her rest.
- In rare cases, stimulation by lights or video images can cause convulsions or a loss of consciousness. If this happens, advise the player to consult a doctor as soon as possible. When pre-school children play, request their parents or guardians to keep an eye on the children.

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## PRE-SERVICE CHECK

### **WARNING**

- **To prevent accidents and injury, be sure to conduct the pre-service check described below before commencing operation.**

- (1) Are all level adjusters adjusted properly?
- (2) Is the power cord routed so that it will not cause players or other customers to trip over it?
- (3) Is the power cord securely connected to the AC outlet and the power input socket on the machine?
- (4) Is the power cord plug free of dust?
- (5) Is the Marquee and upright pillar assembly securely attached to the Monitor table Assembly?
- (6) Is the side cover securely attached to the Upright assembly?

Check the following items after turning on the power switch. If an abnormality is found, turn off the power switch immediately to stop operating the machine. Then, unplug the power cord from the AC outlet and contact your distributor.

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## MENUS

### Description of the menu screen (MENU)

- 1** Unlock the service door and set the Test switch to ON. The Menu screen appears on the monitor.
- 2** Use the following selections to access any of the below menus

#### **Pac-Man™ Battle Royale Championship**

##### **Test Menu**

**Audits**

**Adjustments**

**Diagnostics**

**Clear High Scores**

**Clear Credits**

**Ad Images**

**Factory Reset**

**Software Update**

**System Info**

**Exit**

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## Game Adjustments And Coin Options

This screen is used to set the game fee, free play, and other options.

### **Pac-Man™ Battle Royale Chompionship**

#### **Adjustments**

**Cabinet Type: Deluxe 8-Player**

**Mobile Player Adjustments**

**Coinage**

**Lives to Start: 3**

**Bonus Life at 10,000**

**Long High Score Names: On**

**Attract Mode Sounds: On**

**Audio Output: On-Board Amplifier**

**Volume**

**Monitor Rotation: 0**

**Set All Adjustments to Defaults**

**Back**

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### **Pac-Man™ Battle Royale Chompionship**

#### **Coinage**

**1 Credit to Start**

**Currency: tokens**

**Coin 1 Credits: 1**

**Coin 2 Credits: 4**

**Coin-up message: "Insert Coin"**

**Set to Default Pricing**

**Back**

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## Diagnostic Tests

### Pac-Man™ Battle Royale Championship

#### Diagnostics

**Control Panel Test**

**RGB Lamp Tests**

**Grid**

**Color Bars**

**Color Gradient**

**Left Audio**

**Right Audio**

**Back**

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### Control Panel Test (I/O TEST)

#### Control Panel Test



4



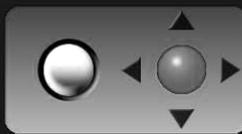
8



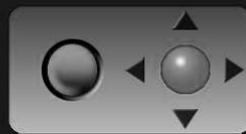
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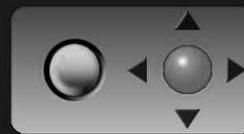
3



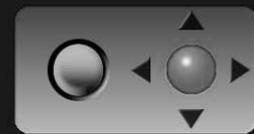
1



5



6



2

Press **BACK** to Exit

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RGB Lamp Tests

**Pac-Man™ Battle Royale Championship**

**RGB Lamp Tests**

**All Lamps Red**

**All Lamps Green**

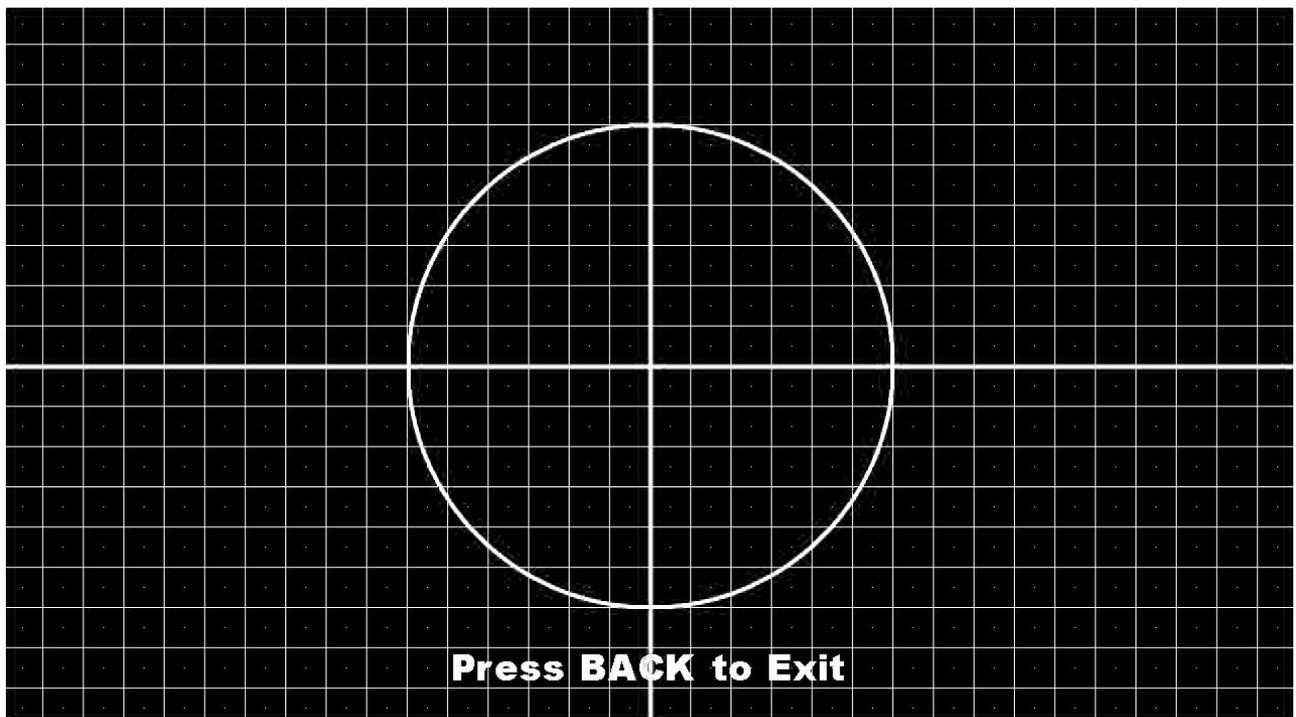
**All Lamps Blue**

**Chase**

**Back**

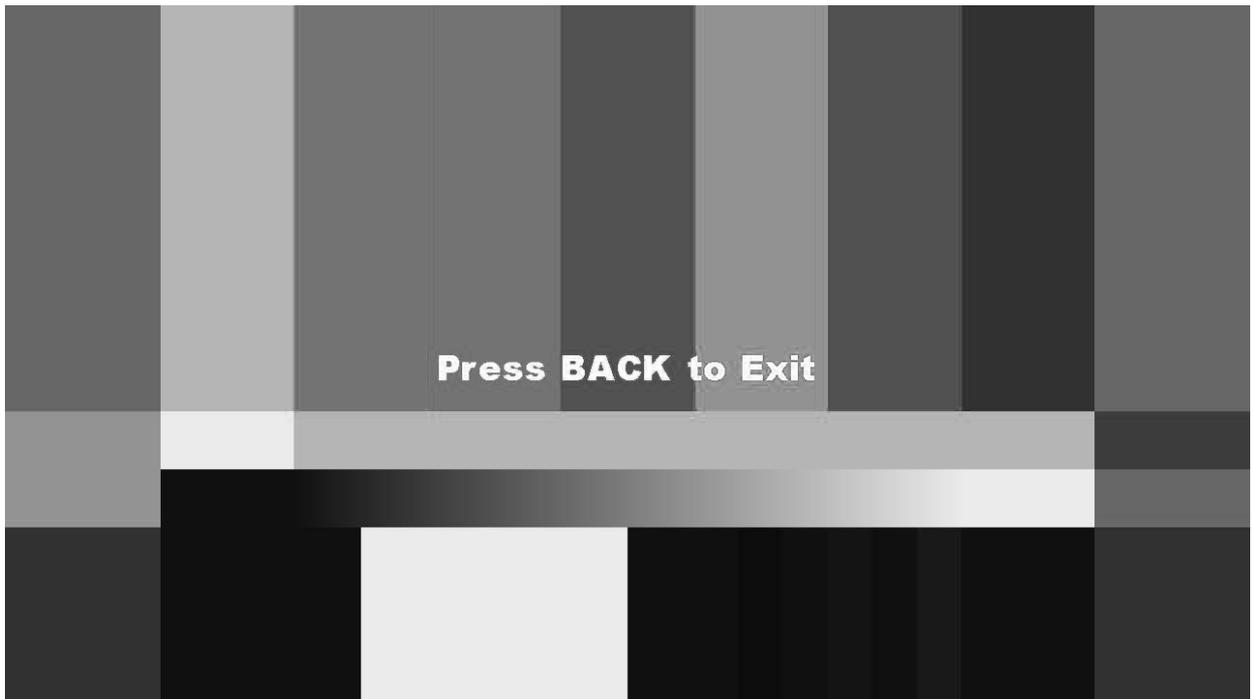
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Grid Test



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Color Bars



Color Gradient



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## ADD AD IMAGES



IMAGES SHOULD BE RGB COLOR MODEL AND NO BIGGER THAN 1280x720

Extra space will be black if the aspect ratio of the loaded image isn't the same as 1280x720.

The files must be JPEGs and the file name must end in ".jpg".

To add images:

- 1) load the images onto a USB flash drive
- 2) plug the flash drive into the game
- 3) go to Test Menu → Ad Images → Insert Ad Image
- 4) choose the image(s) that you want to install. While highlighted the image will appear on the right half of the screen.



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## REMOVE AD IMAGES

To view or delete the loaded images:

- 1) go to Test Menu —> Ad Images —> View/Delete Ad Image
- 2) choose the image(s) that you want to delete and Confirm Ad Display Time sets the amount of time each ad is displayed. It can be set from 3 to 15 seconds. The default is 5 seconds. The maximum ads that can be loaded at once is eight.

**Pac-Man™ Battle Royale Championship**  
**View/Delete Ad Image**  
**No ads loaded**  
**Back**

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# SERVICES – To be conducted by a technician only –

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## **WARNING**

- To prevent electric shock, accident or injury and to prevent damage to the electrical circuitry of the machine, be sure to turn the power switch off before servicing the machine (including preventive measures against failure and repairs).

## Inspections and services

## **WARNING**

- The machine should be inspected and serviced on a regular basis. Failing to do so may result in accidents or damage to the machine.

### Inspection items

Check the following inspection items regularly.

(1) Level adjuster

- Make sure that the machine is stable on the floor.

(2) Power cord plug

- Make sure that the power cord is connected firmly to the cord box on the machine and the AC outlet.
- Be sure to keep the cord box free of dust and dirt.
- Check to see if there are any cracks in the power cord. If the power cord is abnormal in any way, replace it with a new one.

(3) Bolts and nuts

Check to be sure that the bolts and nuts used for the following parts are not loose. If any of them are loose, tighten them firmly.

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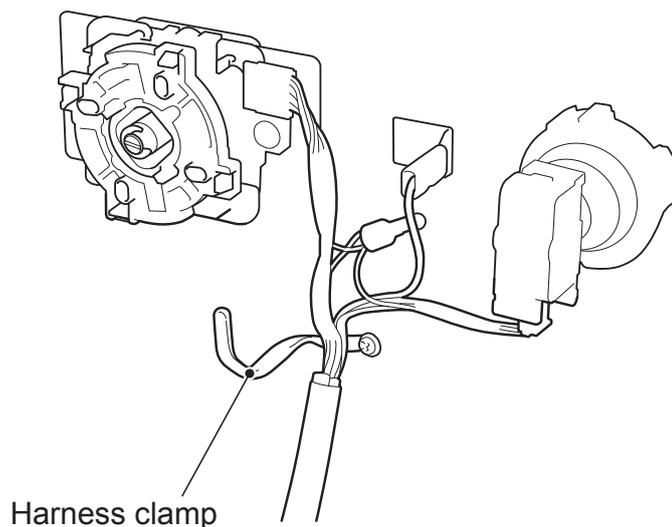
## Control assembly

### (1) Accessing the Control Panel area

## WARNING

- To prevent electric shock, accident and injury and to prevent damage to the electrical circuitry of the machine, be sure to turn the power switch off before performing the tasks described below.

- 1** Remove the Service on the side of the monitor control panel assembly
- 2** Release the harness from the harness clamp from the top of the control panel assembly.
- 3** Disconnect the appropriate harness to gain better access component you are servicing in the Control Panel area.



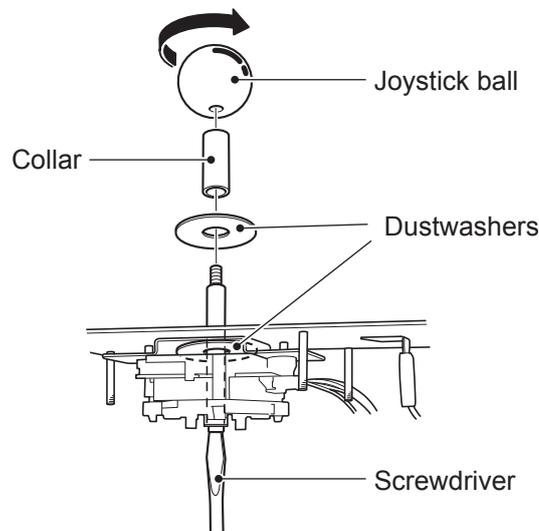
- NOTICE** ● The Control Panels are color-coded for each player number. Make sure that all the Control Panel assemblies are attached in the correct positions.

(2) Replacing the joystick

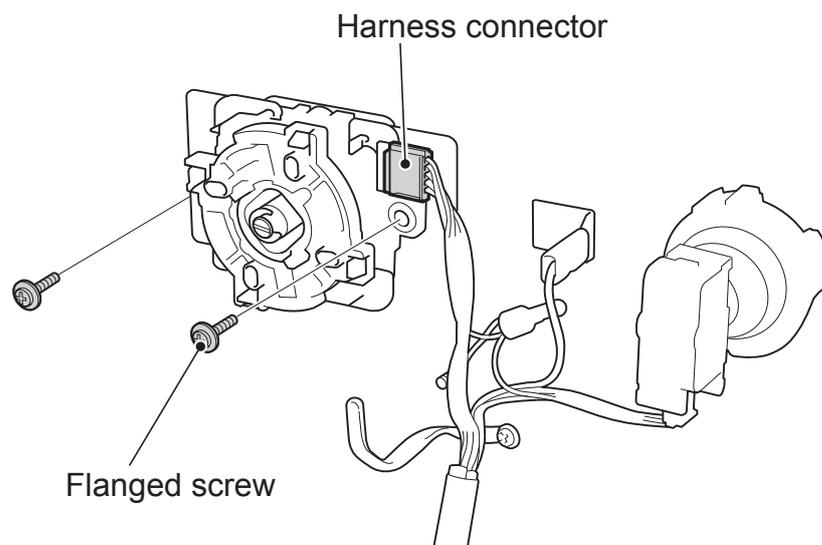
**! WARNING**

- To prevent electric shock, accident and injury and to prevent damage to the electrical circuitry of the machine, be sure to turn the power switch off before performing the tasks described below.

- 1** Open the service door on the side of the monitor control panel assembly.
- 2** While holding the thread on the bottom of the joystick shaft using a screwdriver, turn the joystick ball counterclockwise to remove the ball, collar, and upper Dustwasher.



- 3** Remove the two flanged screws and disconnect the harness connector to remove the joystick.



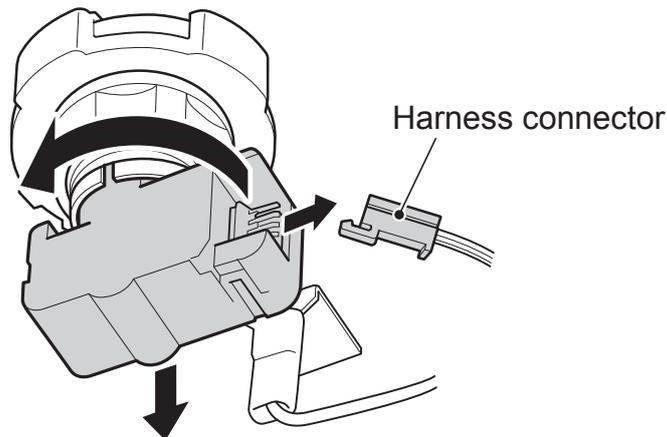
- 4** Attach the joystick following the above steps in reverse.

(3) Replacing the illuminated switch and its LED lamp

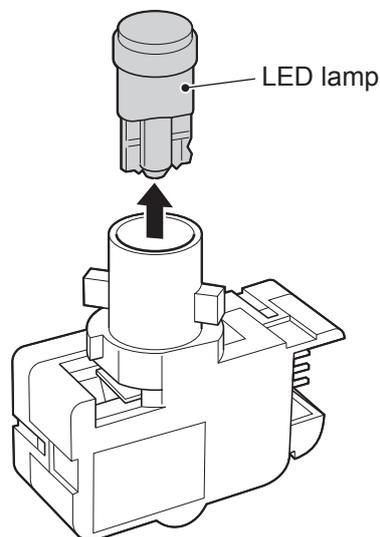
**! WARNING**

- To prevent electric shock, accident and injury and to prevent damage to the electrical circuitry of the machine, be sure to turn the power switch off before performing the tasks described below.

- 1** Open the service door on the side of the monitor control panel assembly.
- 2** Remove the harness connector, and then turn the illuminated switch counterclockwise to remove it.



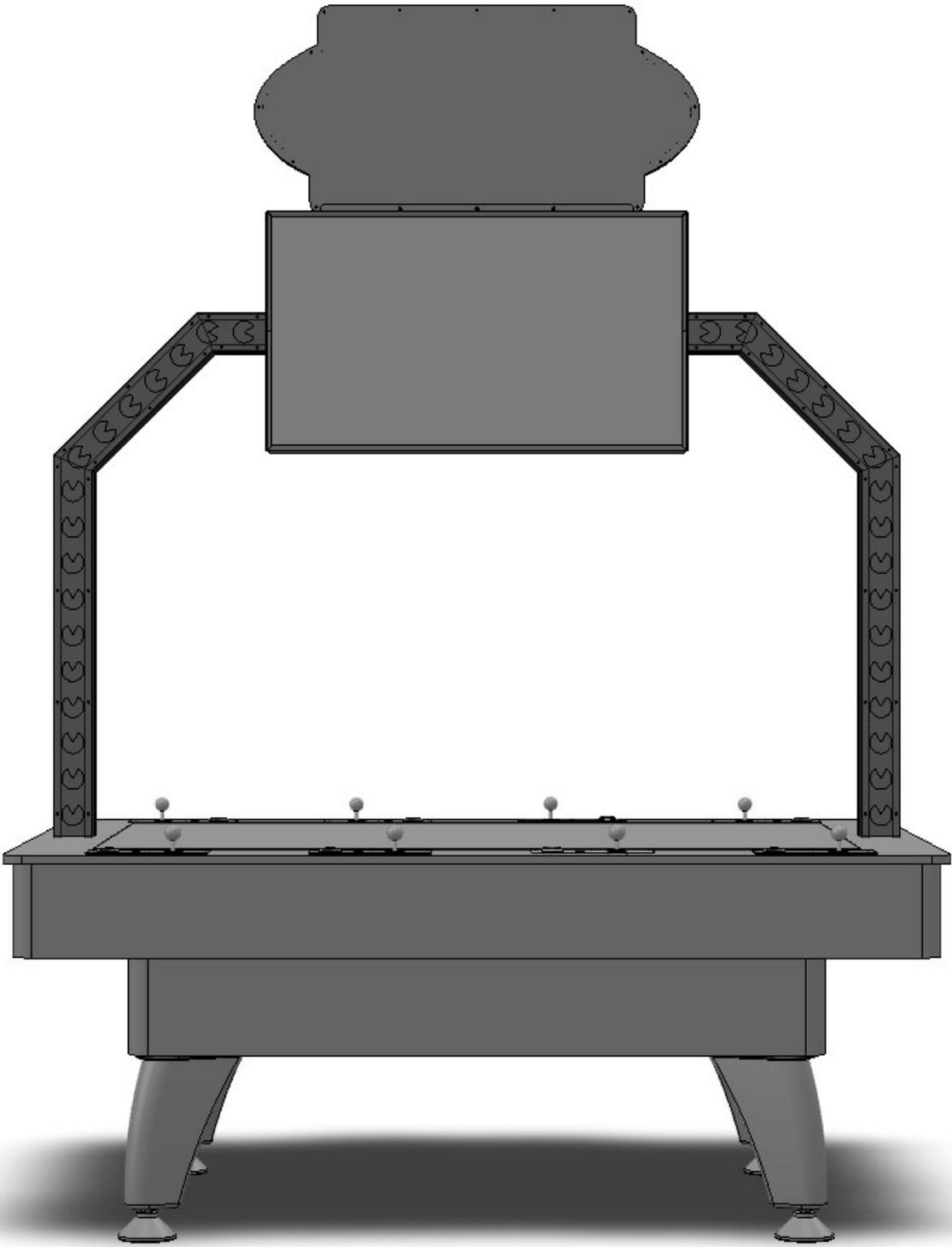
- 3** Pull out the LED lamp from the illuminated switch.



- 4** Replace the illuminated switch or LED lamp.
- 5** Attach the illuminated switch following the above steps in reverse, making sure that the connector orientation is correct.

# PARTS LISTS

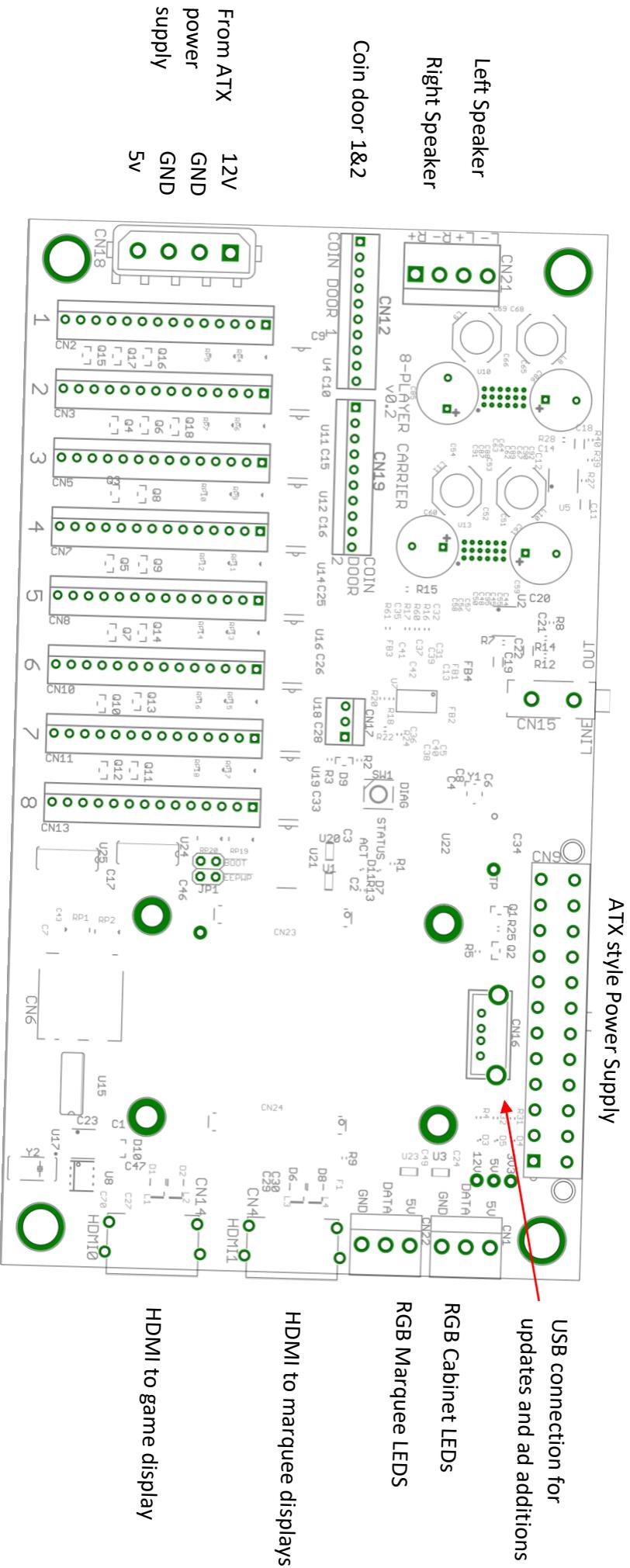
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## Deluxe Cab Parts

Item.	Description	Part No.
A	CONTROL PANEL DECAL YELLOW	BC40-20691-00
A <sub>1</sub>	CONTROL PANEL DECAL PINK	BC40-20691-01
A <sub>2</sub>	CONTROL PANEL DECAL CYAN	BC40-20691-02
A <sub>3</sub>	CONTROL PANEL DECAL RED	BC40-20691-03
A <sub>4</sub>	CONTROL PANEL DECAL GREEN	BC40-20691-04
A <sub>5</sub>	CONTROL PANEL DECAL ORANGE	BC40-20691-05
A <sub>6</sub>	CONTROL PANEL DECAL PURPLE	BC40-20691-06
A <sub>7</sub>	CONTROL PANEL DECAL BLUE	BC40-20691-07
B	MARQUEE PLASTIC SIGN	BC40-20693-00
C <sub>1</sub>	START BUTTON INSERT YELLOW	BC40-20692-00
C <sub>2</sub>	START BUTTON INSERT PINK	BC40-20692-01
C <sub>3</sub>	START BUTTON INSERT CYAN	BC40-20692-02
C <sub>4</sub>	START BUTTON INSERT RED	BC40-20692-03
C <sub>5</sub>	START BUTTON INSERT GREEN	BC40-20692-04
C <sub>6</sub>	START BUTTON INSERT ORANGE	BC40-20692-05
C <sub>7</sub>	START BUTTON INSERT PURPLE	BC40-20692-06
C <sub>8</sub>	START BUTTON INSERT BLUE	BC40-20692-07
D	TABLE LEG	BC90-20655-00
E <sub>1</sub>	UPRIGHT PILLAR WHITE ACRYLIC	BC90-20656-00
E <sub>2</sub>	UPRIGHT PILLAR MATTE STYRENE	BC90-20656-01
E <sub>3</sub>	UPRIGHT PILLAR CLEAR ACRYLIC	BC90-20656-02
F	CONTROL PANEL PLATE	PG10-13411-01
G	JOYSTICK 4-WAY (RED)	VG80-11244-04
H	PUSHBUTTON	VG80-14054-00
I	43" LCD PANEL	VG85-13652-10
J	75" LCD PANEL	VG85-19997-00

# BOARD CONNECTIONS



## WARRANTY

Seller warrants that its printed circuit boards and parts thereon are free from defects in materials and workmanship under normal use and service for a period of ninety (90) days from the date of shipment. Seller warrants that its video displays (in games supplied with video displays) are free from defects in material and workmanship under normal use and service for a period of thirty (30) days from the date of shipment. None of the Seller's other products or parts thereof are warranted. Seller's sole liability shall be, at its option, to repair, replace, or credit Buyer's account for such products which are returned to Seller during said warranty period, provided:

- a) Seller is promptly notified in writing upon discovery by Buyer that said products are defective.
- b) Such products are returned prepaid to Seller's plant; and
- c) Seller's examination of said products discloses to Seller's satisfaction that such alleged defects existed and were not caused by accident, misuse, neglect, alteration, improper repair, improper installation, or improper testing.

In no event shall Seller be liable for loss of profits, loss of use, incidental or consequential damages.

Except for any express warranty set forth in a written contract between Seller and Buyer which contract supersedes the terms herein, this warranty is in lieu of all other warranties expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose, and all other obligations or liabilities on the Seller's part, and it neither assumes nor authorizes any other person to assume for the Seller any other liabilities in connection with the sale of products by Seller.

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## SERVICE

If you have questions regarding any **Bandai Namco Amusement America Inc.** product or require technical support:

Contact **Bandai Namco Amusement America Inc.** Customer Service at:  
1 (847) 264-5614

Hours: 9:00 am - 5:00 pm CDT

Parts and repair services for **Bandai Namco Amusement America Inc.** products are available through your distributor.



**Bandai Namco Amusement America INC.**

1550 Glenlake Ave.

Itasca, IL 60143

847.264.5610

**Technical Assistance (USA)**

**Parts: 847.264.5612 Tech Service: 847.264.5614**

**[www.NAMCOPARTS.com](http://www.NAMCOPARTS.com)**

**[www.BANDAINAMCO-AM.com](http://www.BANDAINAMCO-AM.com)**

Part No.

BC45-20696-00

Rev 1. May 2022