Rabbids Hollywood - 65”

RHW-65-1001

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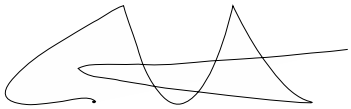
Operation & Service Manual

Version 7.0

*** Read this manual before use**

General Remark

If you encounter any difficulties or if you need support on how to update and/ or install your Rabbids Hollywood product, we invite you to contact your local distributor or reach us at support@aagames.com or by calling our support line +1-450-824-1671



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Chapter 01 - Preface

Please read this page before preparing your Rabbids Hollywood Arcade product for game play.

The following safety instructions apply to all game operators and service personnel. Specific warnings and cautions will be included throughout this manual.

Use the following safety guidelines to help protect the system from potential damage and to ensure your personal safety:

- Electronic components in the game cabinet run on 110V AC 60Hz (220V/ 50Hz in most of Europe, the Middle East and the Far East delivered units).

- To help prevent electric shock, plug the system into a properly grounded power source. These cables are equipped with 3-prong plugs to help ensure proper grounding. Do not use adapter plugs or remove the grounding prong from a cable. If you must use an extension cable, use a 3-wire cable with properly grounded plugs. We do recommend a 15A rated current or higher power cord.

- To help protect your system from sudden increases and decreases in electrical power, use a surge suppressor, line conditioner or Uninterruptible Power Supply (UPS).

- Be sure nothing rests on the system's cables and that the cables are not located where they can be stepped on or tripped over.

- Keep your system far away from radiators and other heat sources.

- Do not block cooling vents.

Precaution for Game Operation

Adrenaline Amusements Inc. assumes no liability for injuries incurred while playing our games.

Operators should be aware that certain health and physical conditions may make people susceptible to injury when playing video games.

Safety

To avoid electrical shock, unplug the cabinet before performing installation or service procedures.

If a power cord is damaged, it must be replaced by the equivalent power cord available from your distributor.

Adrenaline Amusement Inc. assumes no liability for any damages or injuries incurred while setting up or servicing the cabinet. Only qualified service personnel should perform installation or service procedures.

Environmental Conditions

Cabinet is intended for indoor use only. Be sure to keep the cabinet dry and maintain operating temperatures of 59° - 86°F (15° - 30°C).

Operating & Voltage

Voltage	Operating
110V AC	4.0 AMP
220V AC	2.0 AMP

Chapter 02 - Game Features

Are you a sharp shooter?
Then feast your eyes and take aim on Rabbids Hollywood, a four-player shooting gallery experience filled with boss fights, power-ups and (of course!) your favourite edgy Rabbids humour!
Compete with buddies on the Rabbids takeover of Hollywood movie sets!

How to Play

- Shoot the Rabbids!
- Shoot the power-ups and get an automatic plunger shooter!
- Shoot all the crazy creatures during a four-player adventure and explore 3 different movie sets!

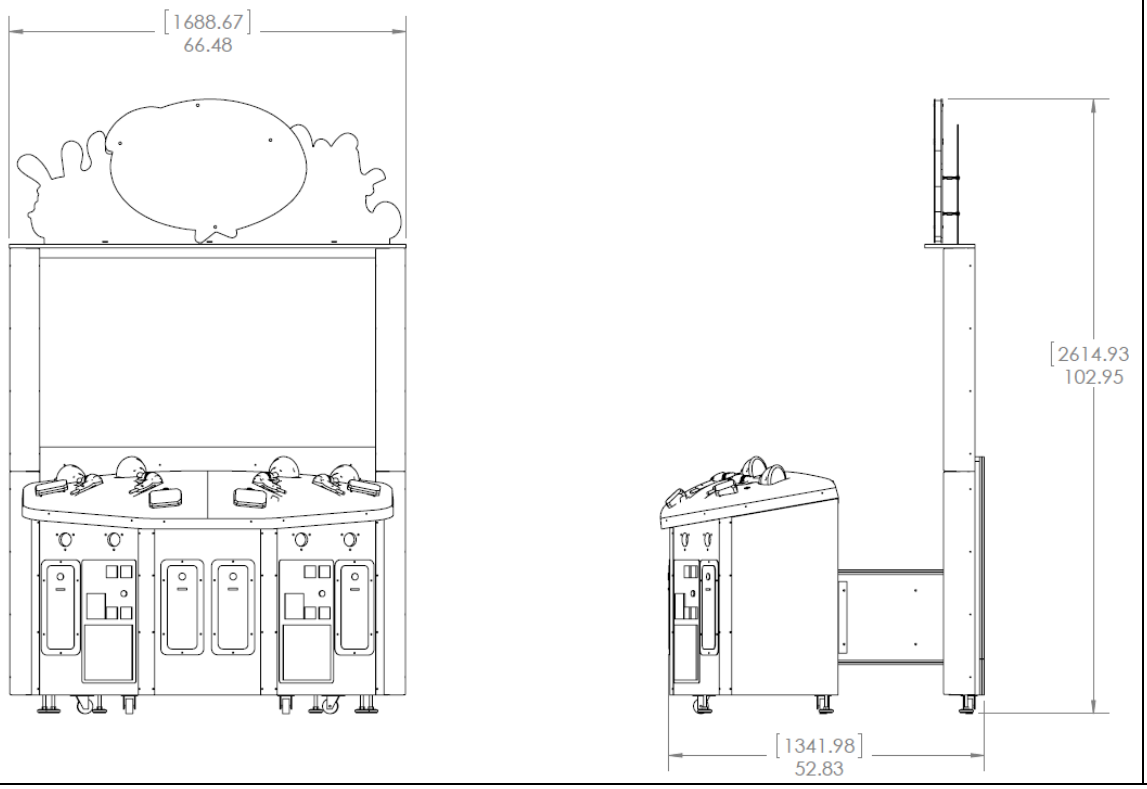
Chapter 03 – Unit Features

Hardware Features

- 4 Players Game
- 65 inches LCD Screen
- Unique Sensor Tracker "Gun" Technology!

Cabinet Facts

Cabinet Dimensions



Height = 102.95" [2614.93mm]

Depth = 52.83" [1341.98mm] **Width** = 66.48" [1688.67mm]

Shipping Dimensions

Width = 45" **Depth** = 68" **Height** = 84"
Weight = 650 lbs

Chapter 04 – Unit Installation

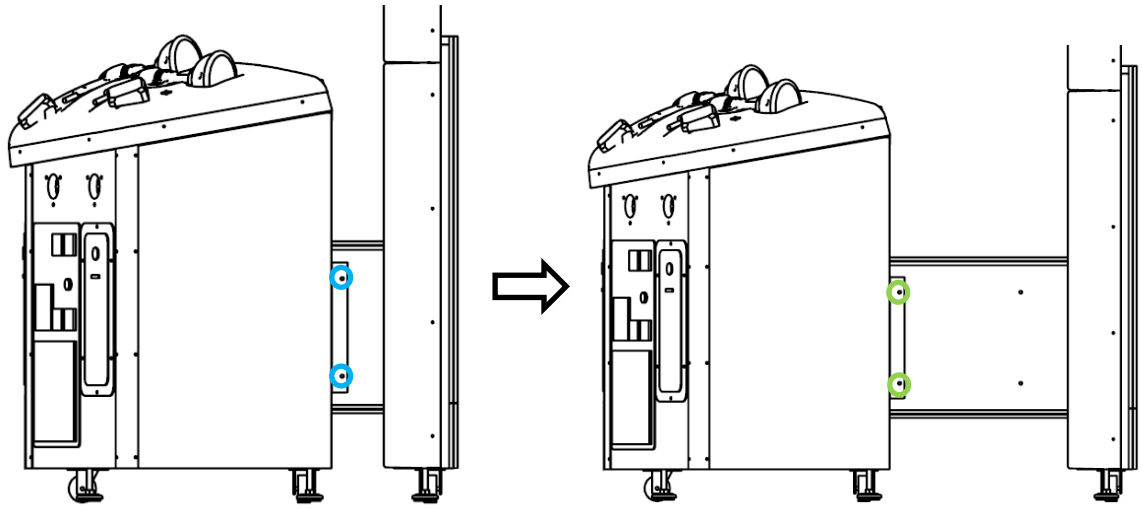
Assembling your Rabbids Hollywood 65" Unit

You need to be 2 people to assemble the unit*

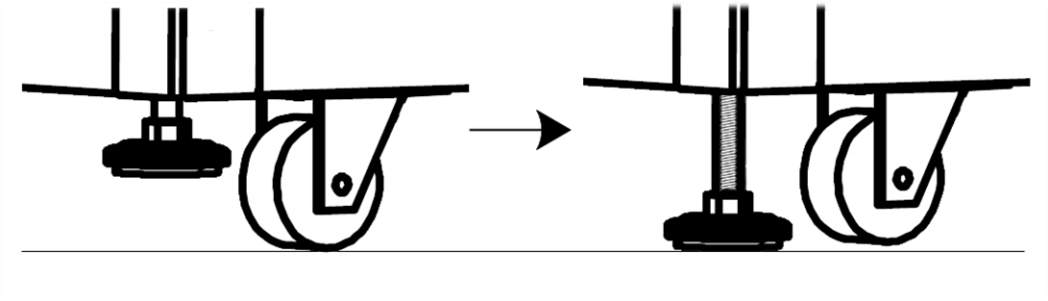
1. Carefully remove the cabinet from the shipping skid, giving you enough space.
2. Move the cabinet to the desired location.

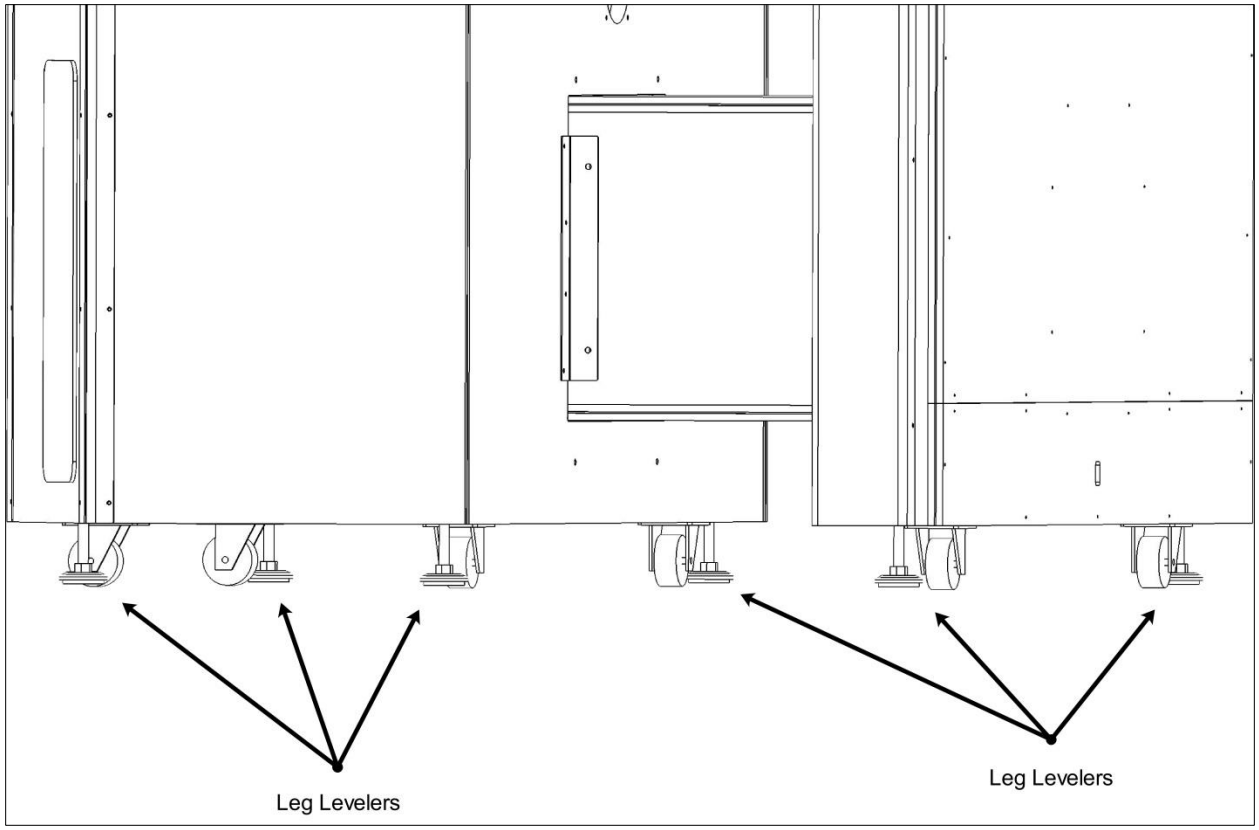
How to slide out the Screen Module:

3. Remove the 4x bolts #10-24 x 1-¼" (2x per side) holding the monitor cabinet assembly to the front cabinet assembly. (see ○ symbol on picture below)
4. Slide out the 2 cabinets and align the bracket holes with the center part holes.
5. Re-insert the 4x bolts and tighten them. (see ○ symbol on picture below)



6. Lower the Level adjustors until the Pivot Wheels are slightly above the floor.





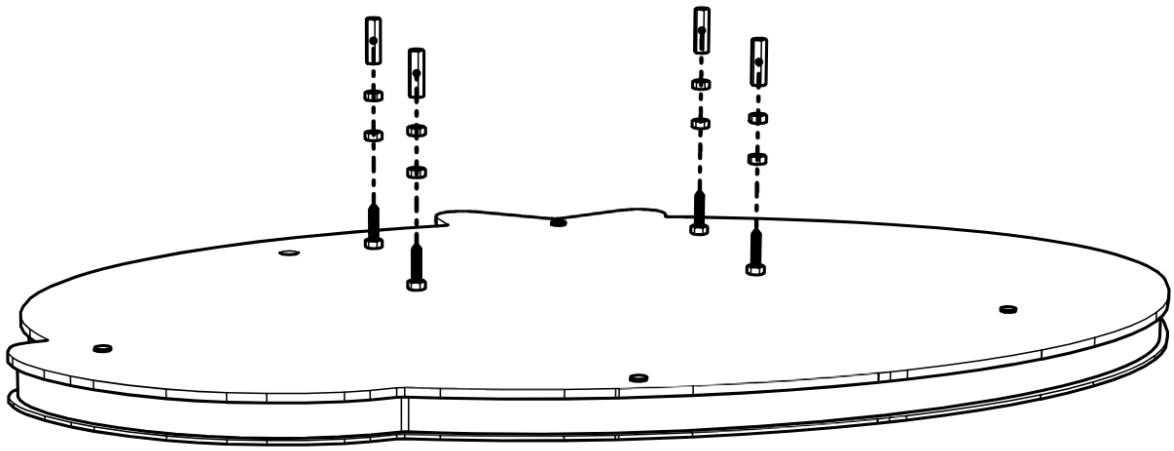
Header Assembly Installation

The following operations replace previous pages 11-13 of the installation manual

*****You need to be 2 people to install the header on the monitor****

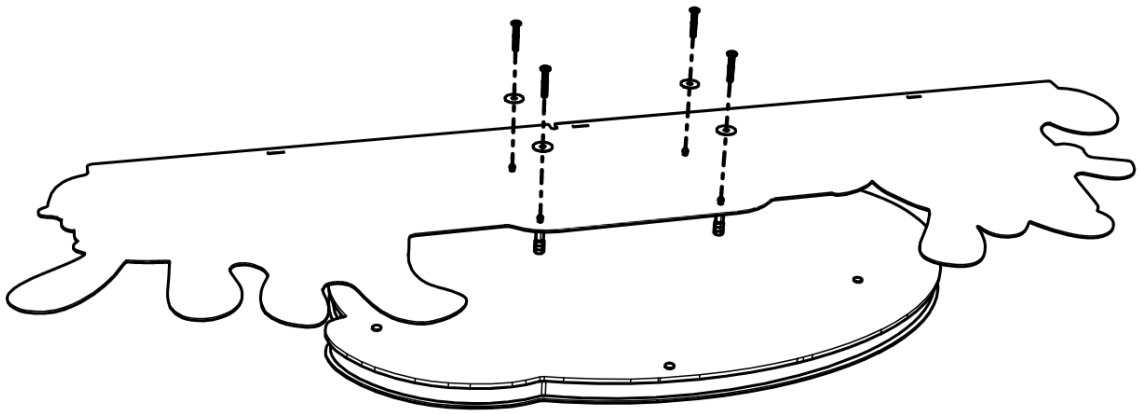
1) ***Install hardware for the logo header***

   Install 2 nuts and 1 coupling nut on each bolt



2) Install the background header

Secure the background header with the provided ¼-20 x ¾ bolts and washers



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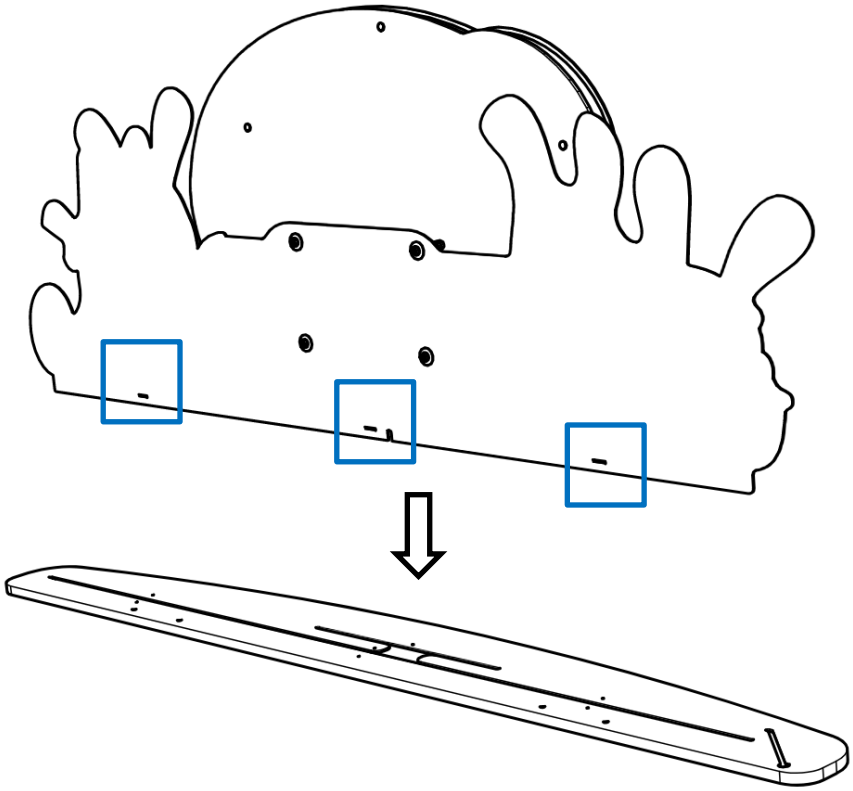
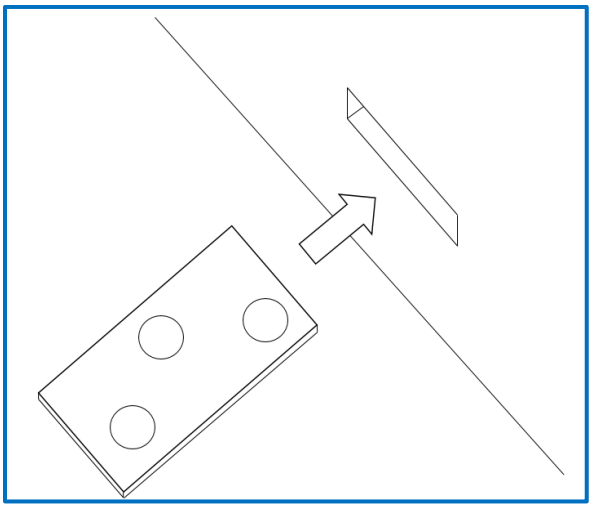
3) Install the header on the machine

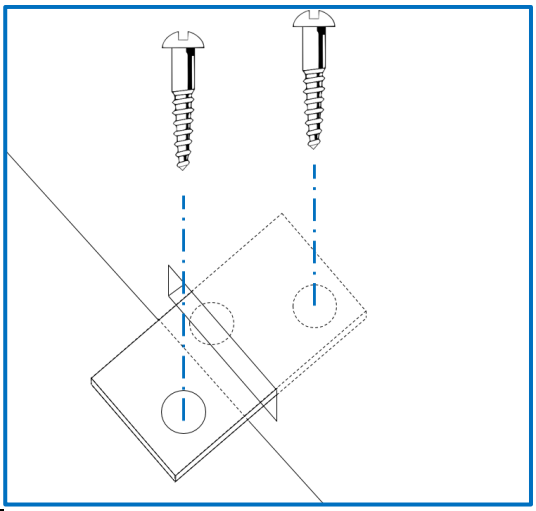
Position the header in the slot, insert the 3 mending plates and secure them with the provided screws



X3



X3



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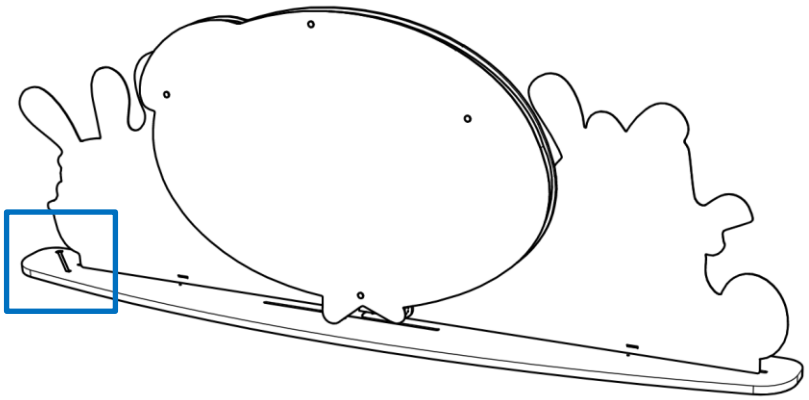
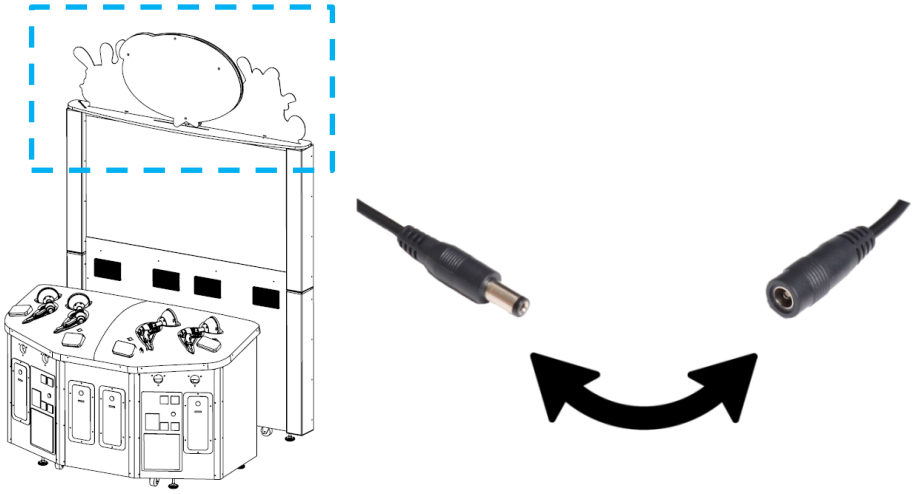
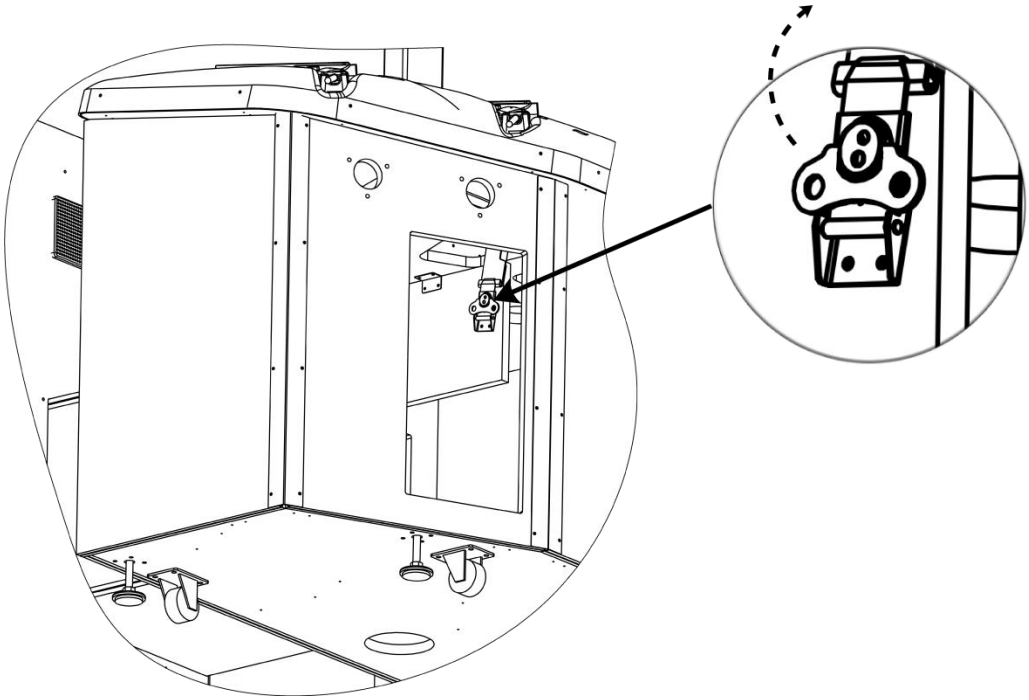
4) <u>Connect the header 12V barrel connectors together.</u>

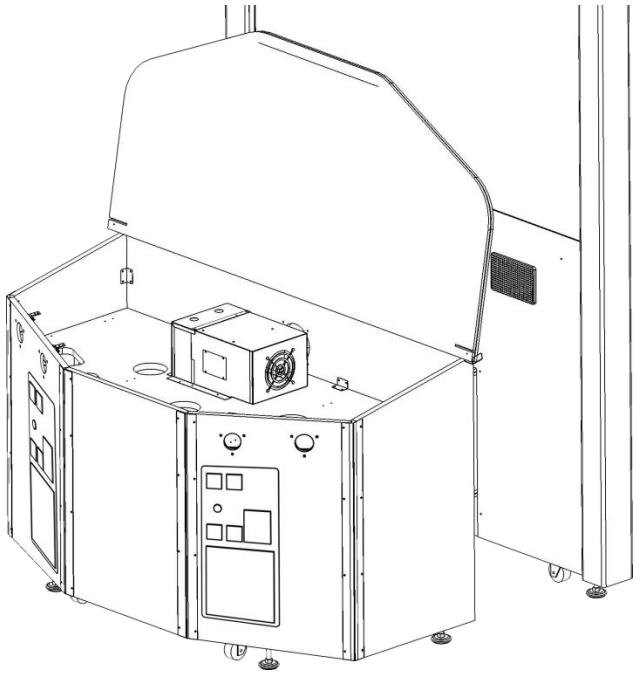




How to open the Dash Board:

- To open the dash and access the electronics, open the cash box doors to get access to the 2 Draw Latches inside the cabinet.



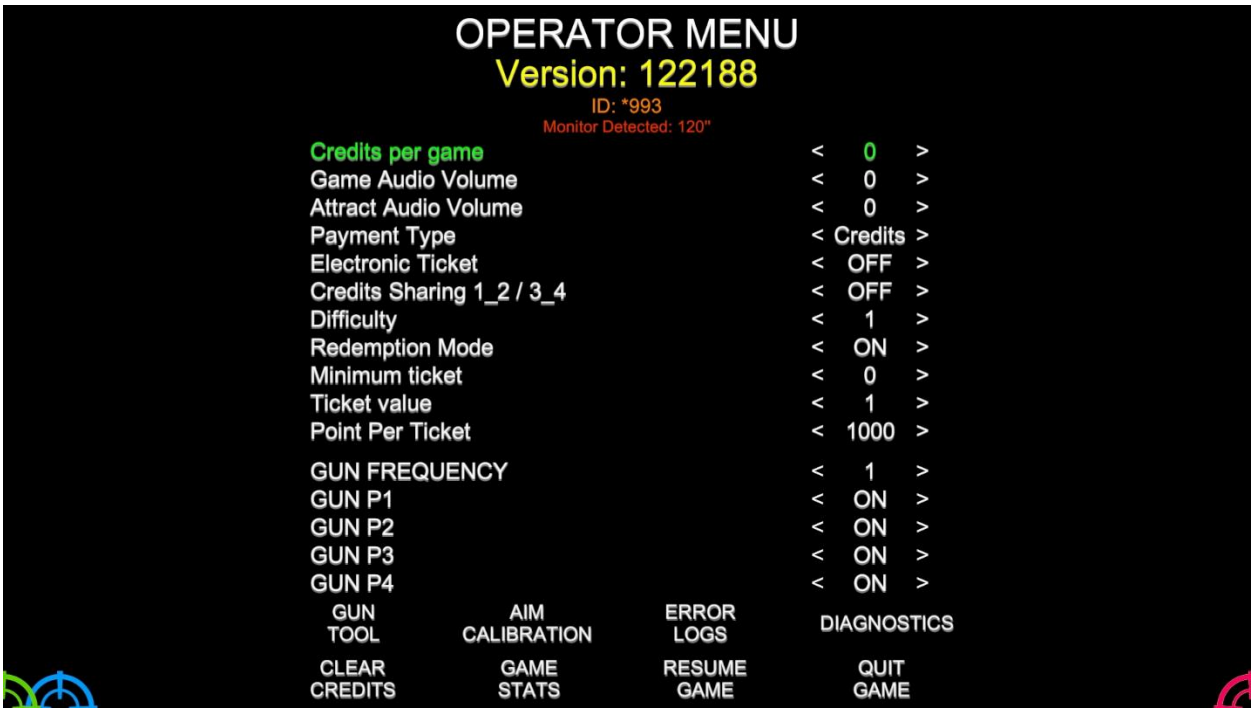


Chapter 05 – Operator Menu

Operator Menu

Access the Operator Menu by pressing the Operator button located inside the drawer on the I/O board directly.

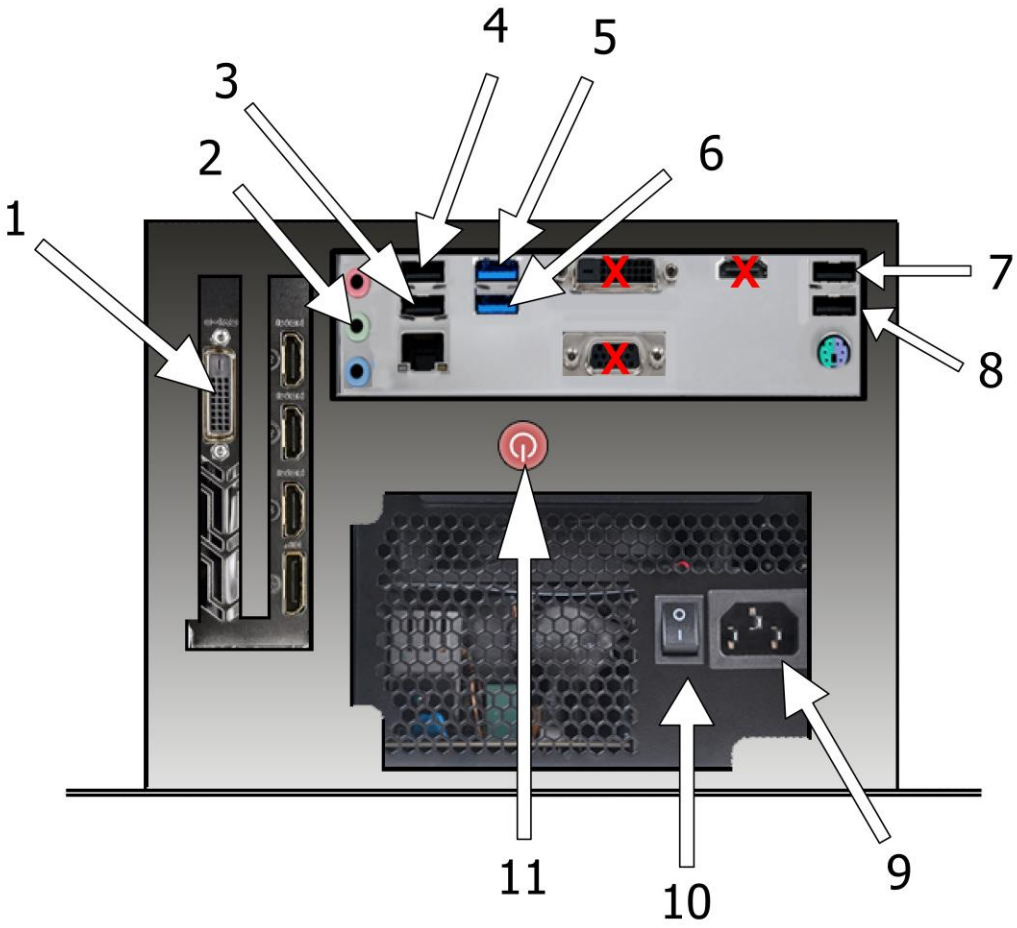
Oper: *Open the Operator Menu*
Up*: Scroll Up & Increase Value*
Down: *Scroll Down & Decrease Value*
Select Button*: Select/Deselect*



Operator Menu	Values	What It Does
Credits Per Game	1-20	Adjusts the number of credits required to play. "0" sets the unit in free play mode.
Game Audio Volume	0-20	Adjusts the in-game audio volume. "0" will mute the game.
Attract Audio Volume	0-20	Adjusts the audio volume of the attract loop. "0" will mute the attract loop.
Payment Type	Credit / Card	Changes the credit type. "Credits" = Coins and "Card" = Card Reader. This will change the in-game text accordingly.
Electronic Ticket	On/Off	"On" will enable the card reader's electronic tickets. "Off" will enable paper tickets.
Credit Sharing 1_2 / 3_4	On / Off	Adjusts the credit sharing option between each player. (Off: Sharing Disabled // On: Sharing Enabled) **If you have Card Reader (4X) please use OFF.**
Difficulty	1-5	Adjusts the Difficulty Level (1 is Easiest, 5 is Hardest).
Redemption Mode	On / Off	Adjusts the redemption mode. This will change the in-game text accordingly.
Minimum Ticket	0-20	Adjusts the minimum number of tickets dispensed per play.
Ticket Value	1-2	Adjusts the value of physical tickets. Physical tickets are either worth "1" ticket or "2" tickets.
Points Per Ticket	500-5000	Adjusts the value by which the final score is divided to determine ticket redemption.
Gun Frequency	1	If you have 2 units close to each other select a different frequency.
Gun P1	On / Off	Gun Operating Mode (On: Working Off: Not Working)
Gun P2	On / Off	Gun Operating Mode (On: Working Off: Not Working)
Gun P3	On / Off	Gun Operating Mode (On: Working Off: Not Working)
Gun P4	On / Off	Gun Operating Mode (On: Working Off: Not Working)
Gun tool		Calibration tool to test the gun's response to the player's movements
Aim Calibration		Opens a calibration tool for each player's target
Error Logs		Displays the previous errors
Diagnostics		Test for each gun's triggers and vibration Test for each button
Clear Credits		Resets the Inserted credits to 0 if more than 40 credits are entered.
Game Stats		Shows the Stats Screen.
Resume Game		Exits the Operator Menu and returns to the game.
Quit Game		Exits the game and returns to the Windows desktop.

Chapter 06 – Service & Repair

Computer Connections



No.	Description
1.	PCI-e Video Adapter DVI to Monitor DVI
2.	Audio Jack to Amplifier #1
3.	USB to Gun Controller 1
4.	USB to Gun Controller 2
5.	USB to Gun Controller 3
6.	USB to Gun Controller 4
7.	USB to STEM Base
8.	USB to USB Hub Inlet
9.	AC Inlet Power Supply
10.	AC Power Switch
11.	Power Button

Gun tracking Hardware Troubleshooting Guide

The gun tracking system consists of 3 main components.

1. Gun base board, under center plastic console
2. Tracking coil, which is connected to the base board
3. Gun stem stick, inside the gun

Issue: Aims moves left or right when you approach the gun closer to the screen.
Problem: There is a big metal structure behind the cabinet that makes electromagnetic interference.
Solution: Move the cabinet about 45cm (18'') in front away from the interference.

Issue: Aim is not accurate on gun 1 or gun 4. It is even worse when the gun is closer to the side panel.
Problem: There is a metal structure on the side of the cabinet that makes electromagnetic interference.
Solution: Move the cabinet about 45cm (18'') away from the interference.

Issue: Aim on one gun locks randomly in place during game play.
Problem: USB communication between gun and computer is erratic.
Solution: Change the USB extension from gun harness to the USB hub, if that does not work you can change the gun hose harness or the complete gun assembly.

Issue: Aim is completely erratic or even not present on one of the guns.
Problem: Tracking hardware in gun defective.
Solution: Change the gun.

Issue: Aim is completely erratic on all 4 guns.
Problem: Coil is disconnected from base board or base board is defective.
Solution: Check if coil connection is ok, change the base board.

Plunger Controller ID Configuration

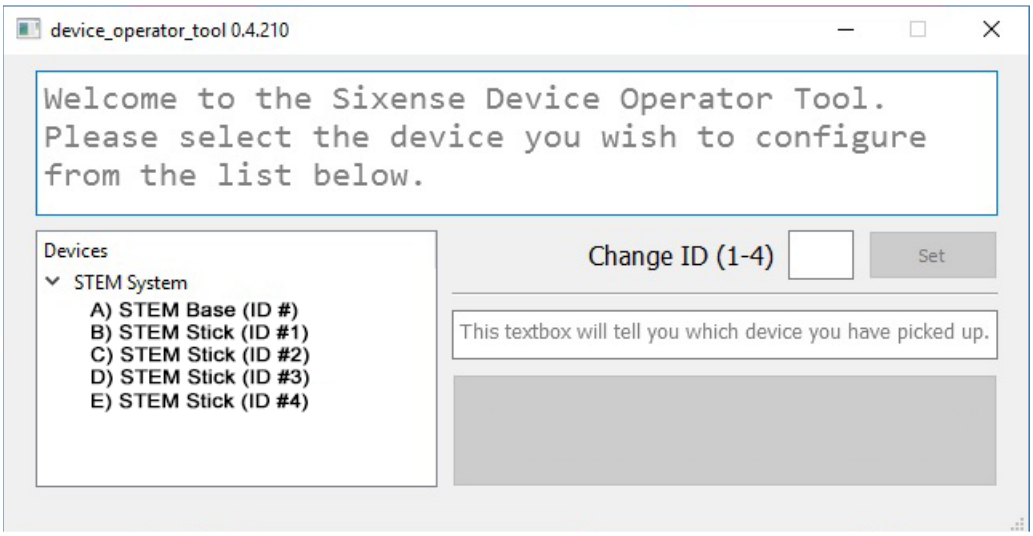
Instructions for Controller ID Configuration

Each controller has an ID to be identified as Player 1 to Player 4. If a Stem Stick is replaced and has a wrong ID, it needs to be remapped.

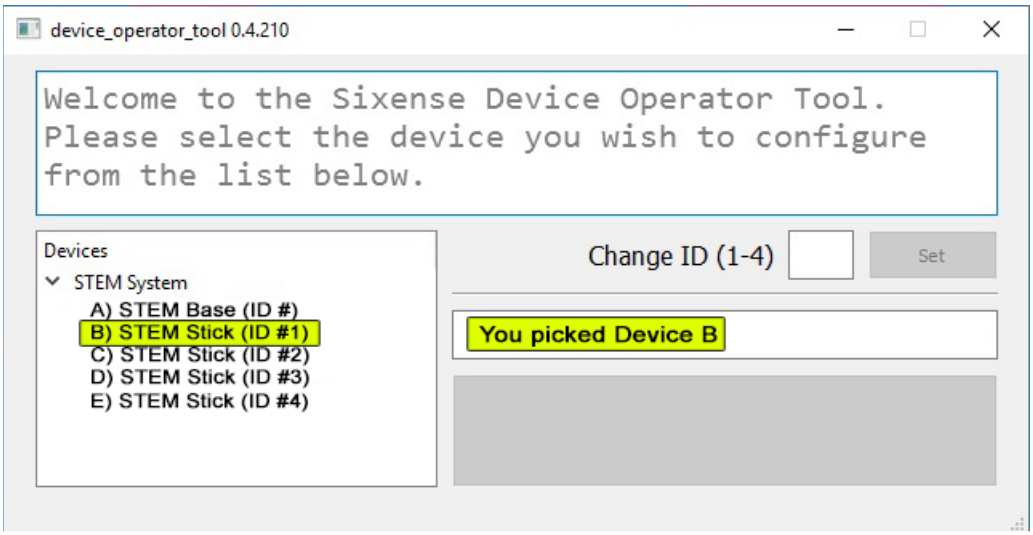
Quit the game on the Windows desktop.

On the Windows desktop you have an icon shortcut called "Controller ID Configuration".

Double click on it to start the program.

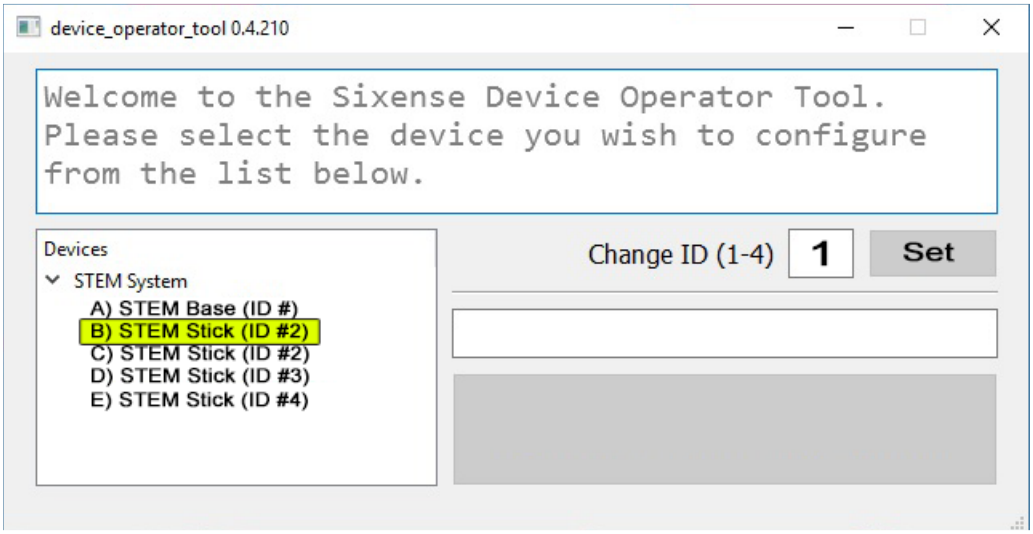


When you pick up a Gun controller from its holster it should display which device has been picked up. If you have 2x Stem Stick with the Same ID, you can find the one that needs to be remapped to its good ID.



To remap an ID, double click with the mouse to select the Stem Stick ID.

Click in the "Change ID (1-4)" box with your mouse and enter the good ID number (1 to 4) that matches the good player position.



In this example, the Device B is wrongly set to ID#2 but is in fact in player-1 position physically, so we enter the number "1" and click on Set to change it to Player 1.

Troubleshooting

*** <u>NOTE: When requesting a warranty replacement you will be asked to give the unit's serial number from the back of the unit.</u>**

Video Troubleshooting	
No Picture or Display Problem	There might have loose or faulty connections between the monitor and the computer. Make sure the DVI cable is connected properly in the computer connector and in the monitor connector.
	Verify that the Computer is powered on. The fan on the side of the computer case should be spinning as a reference, if it's not spinning press the Power Button on the front of the computer.

Audio Troubleshooting	
Low Volume / No Sound	Increase the volume in the game by pressing the Operator Button and adjusting the volume options in the Operator Menu. You might also Quit the game to Windows desktop and increase the volume via the Speaker icon on the bottom right of your screen. If the sound comes from the projector integrated speaker it needs to be changed in Windows. Quit the game to the Windows desktop. Right click on the speaker icon and select Playback Devices. Select the Speakers and choose "Set default", then click OK.
	Verify the wirings behind the speakers and the amplifiers. Verify that the 1/8'' audio jack is plugged in the computer's sound input jack and that the other end RCA's are plugged in the sound amplifier.

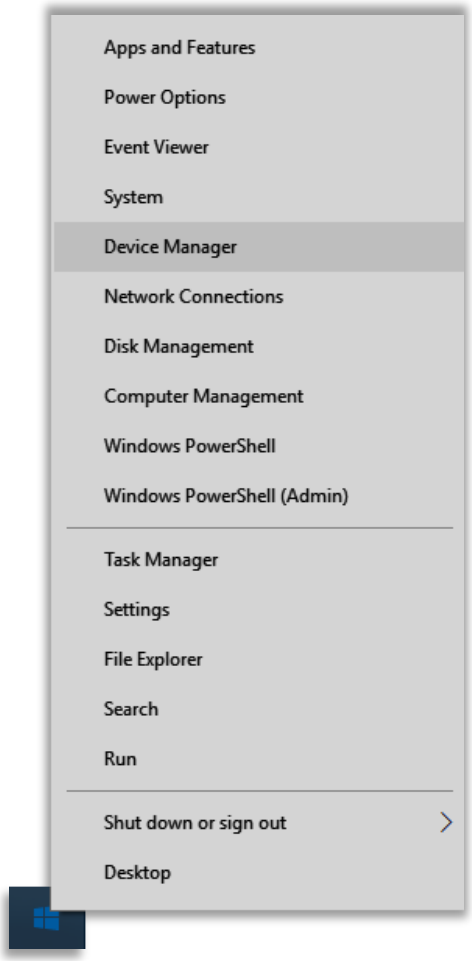
RGB Led Troubleshooting

If the RGB LEDs in the building are not working properly verify that the RGB LED Controller is connected on a valid COM Port.

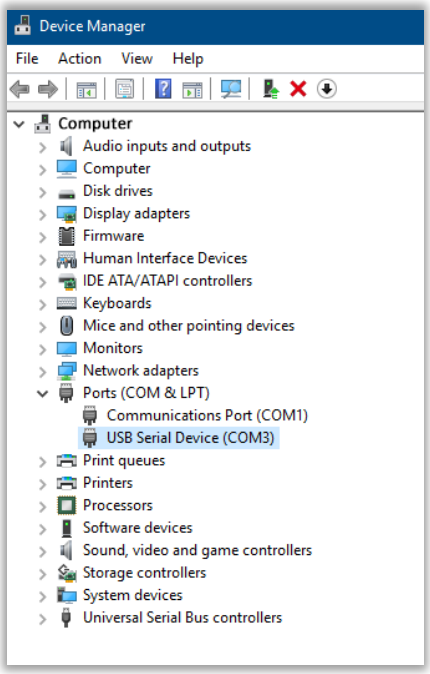
Press the Operator Button and Quit/Exit the game to Windows Desktop.

Connect a USB mouse.

Right-click on the windows flag on the bottom left corner and select Device Manager.

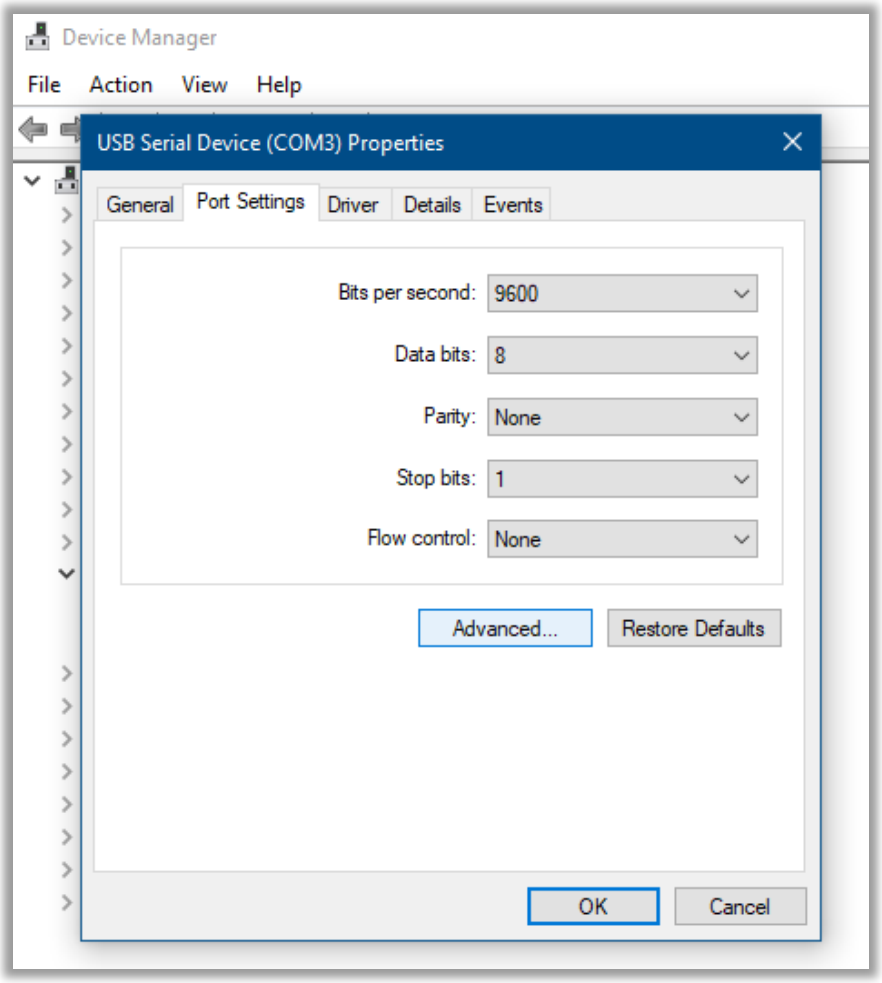


Expand the "Ports (COM & LPT)" line by clicking on the >.

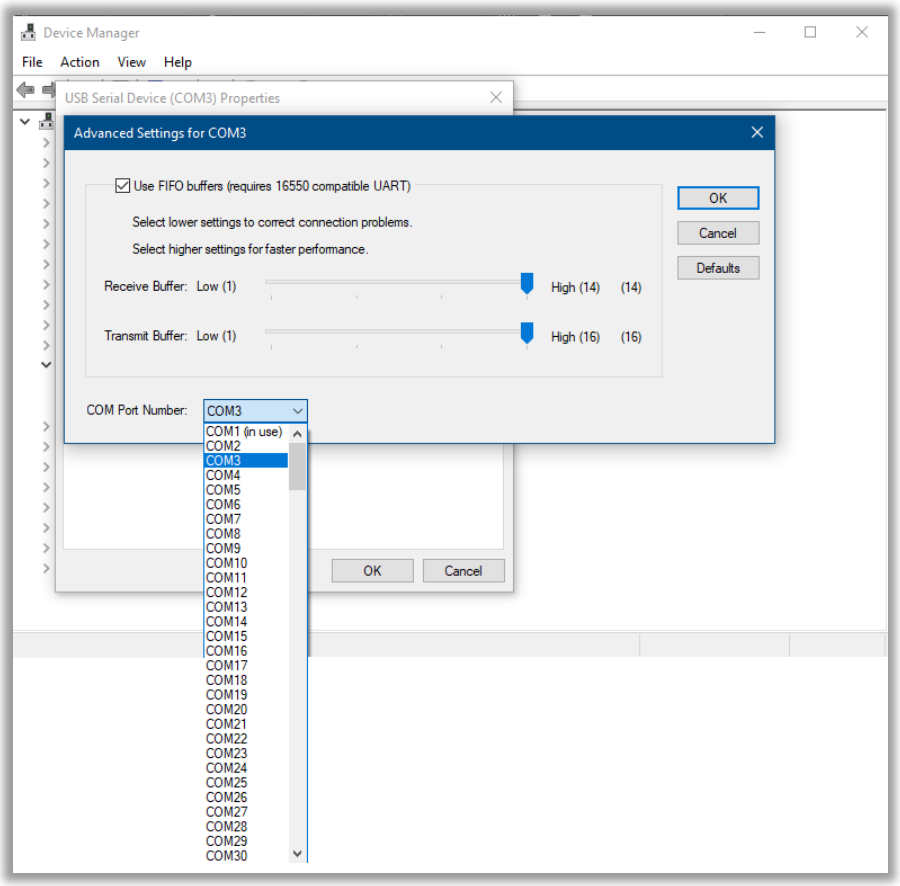


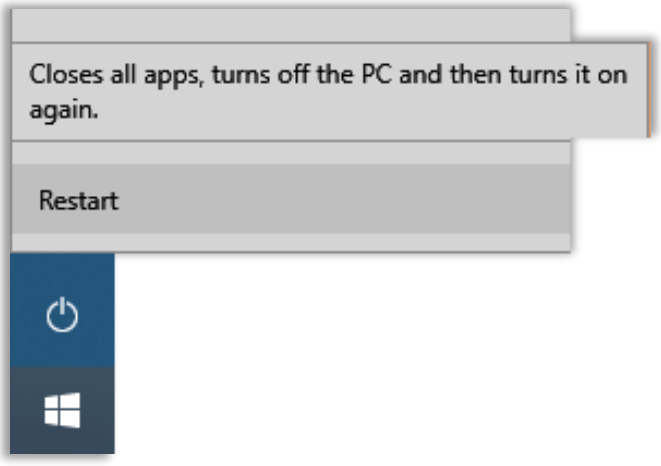
Verify that the "USB Serial Device" is set between COM2 to COM9.

If it's outside this range, double-click on it to open its properties.
Select the "Port Settings" Tab.
Click on "Advanced…"



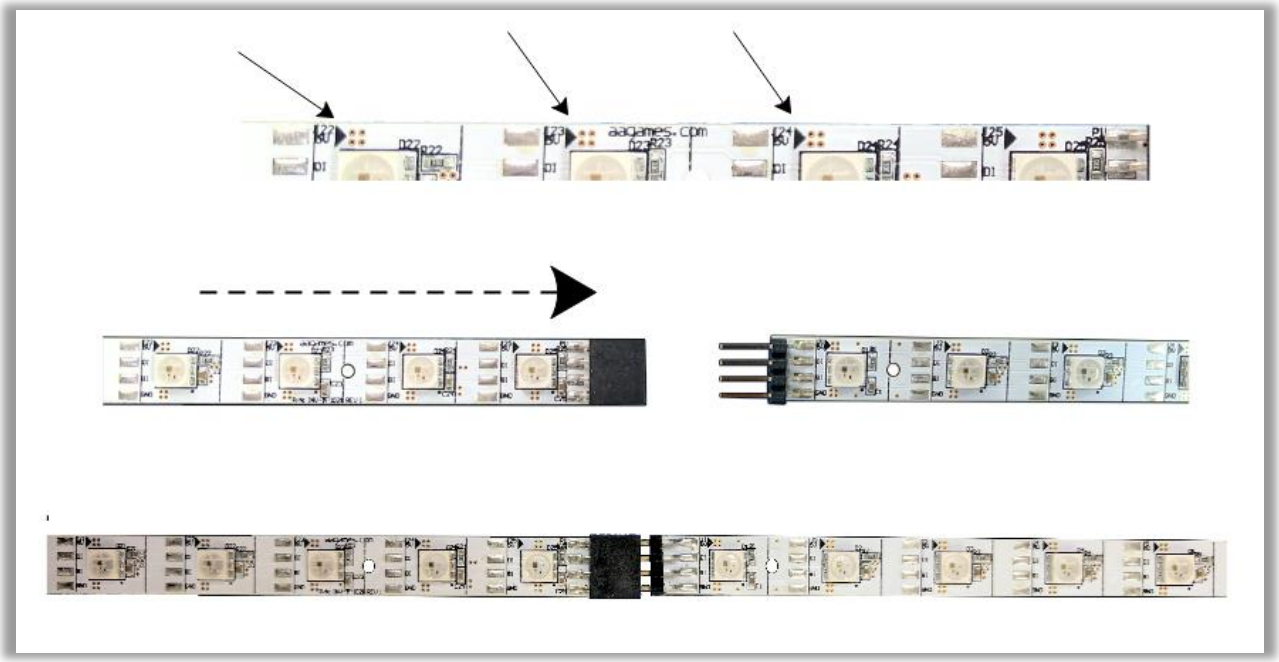
Click on the COM Port Number scrolling menu and select COM9.
Click on OK.
Click on OK again.
Close the Device Manager window and restart Windows.





Replacing RGB LED PCBs

If you need to replace the building RGB LED PCBs, verify the connections so that the arrows point always in the same direction.



Wireless Internet Configuration

Your network can be configured via Ethernet cable or Wireless.

If you have an Ethernet cable available to be plugged in, insert it into the motherboard LAN RJ45 connector.
If not, here's how to configure your wireless network with your own existing Wi-Fi network.

-Start the unit.

-There will be Adrenaline Amusements wallpaper with a 150 seconds delay before the attract mode shows up. It gives enough time for a wireless network to connect.
(*This delay will be present on each reboot if you don't connect your unit to the Internet*)*.

-Open the service door and press the Operator button.

-Choose Exit/Quit to Windows.

-Connect the provided USB hub and into it the USB keyboard and mouse.

- Open Connect to a Network by clicking the network icon ( ) in the lower right corner of the screen.

-In the list of networks, click the network you want to connect to and click connect.

-Enter your security key.

-Once connected, double-click the GameLauncher shortcut on the desktop.

Having your unit connected to the Internet includes free software live update!

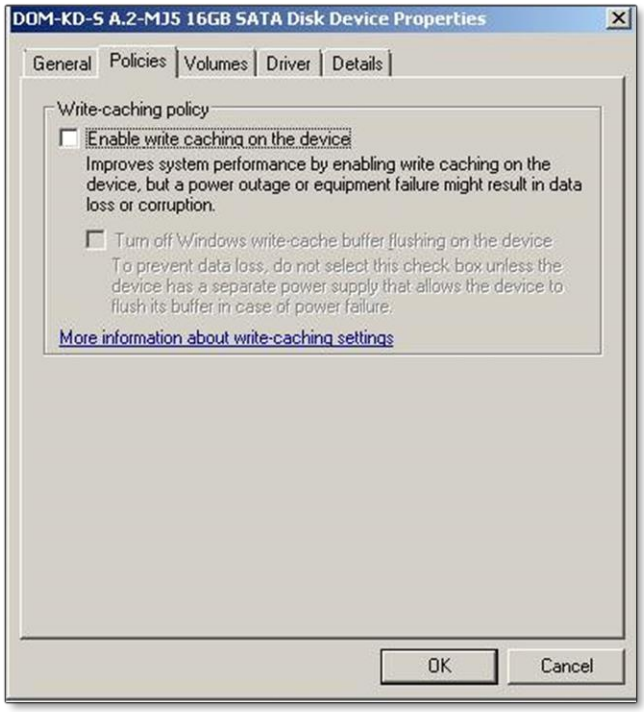
*If you do not connect your unit to the Internet, you can double-click the Disable_Network shortcut on the Windows desktop to bypass the 150seconds Internet lookup delay.

Operator Settings keeps resetting trouble

Operator Settings keeps resetting back to default values after powering off the breakers.

The Windows & SSD Device write cache needs to be disabled:

-Exit the game to Windows.
-Press on Start
-Right click on My Computer
-Choose Properties
-Click on Device Manager
-Expand Disk Drives
-Double click the SSD Hard Drive 60Gb or 120Gb Device (Not the USB drive if there is one)
-Go to Policies
-Remove the check in front of "Enable Write caching on the device" as seen below, press OK and then YES to reboot the computer. If it doesn't ask to reboot the computer you need to do it by pressing Start, Restart.

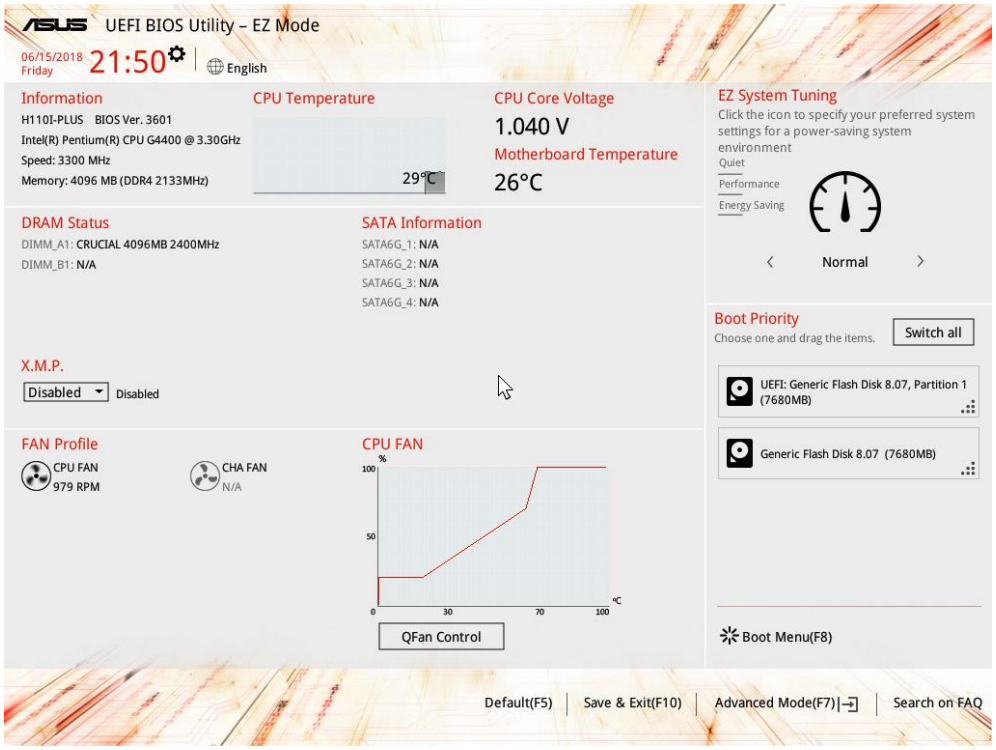


Computer not powering at boot

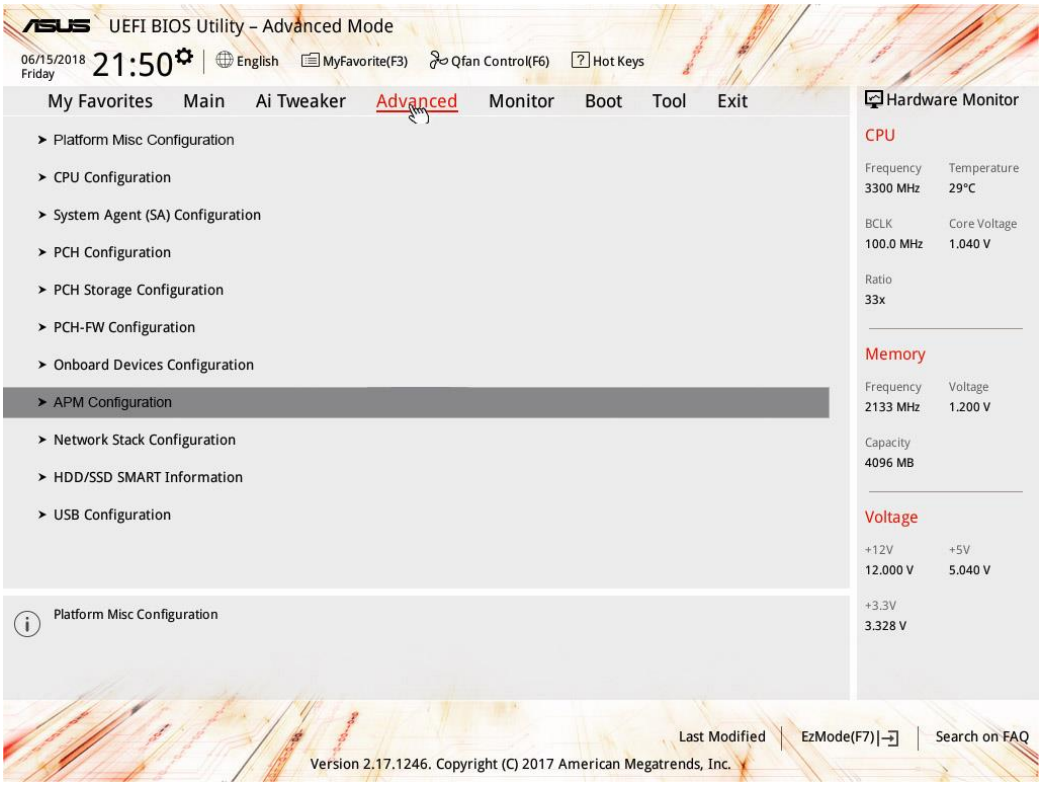
If your computer is not powering on by itself at boot you'll need to verify the Bios Setting.

-Power off the computer.
-Plug a USB keyboard and a USB mouse.

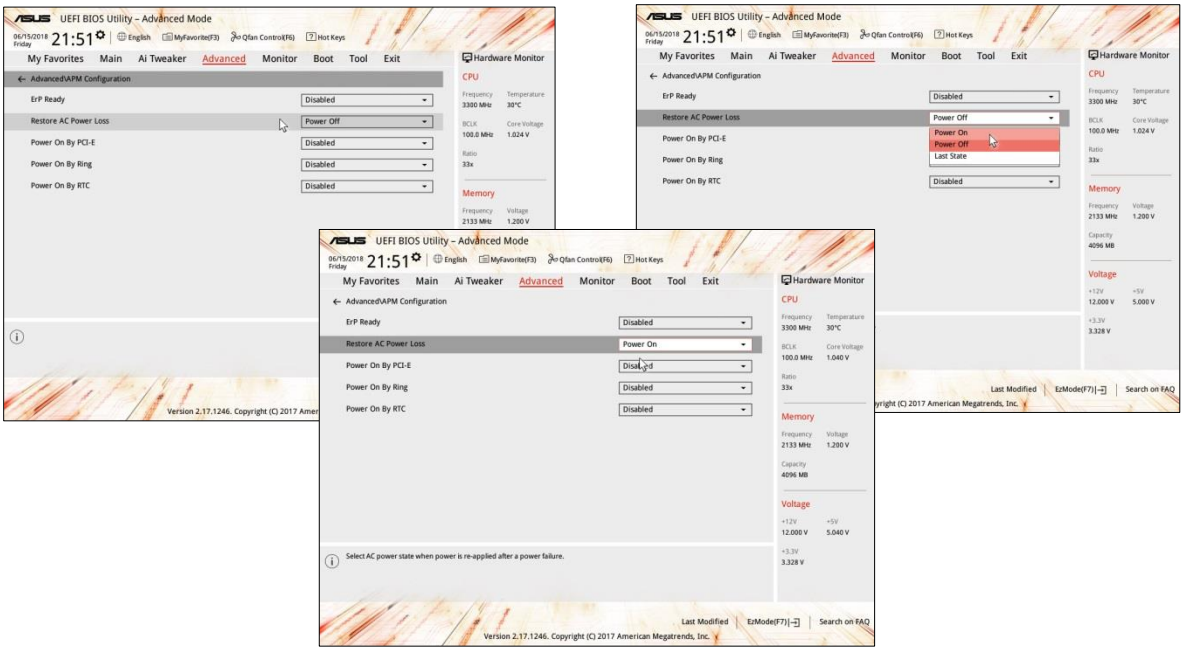
-Power on the computer, press and hold DEL on the keyboard until you see the Bios screen.



-Using a mouse, click on Advanced tab, then click on APM Configuration.



-On the line Restore AC Power Loss , click on the drop box where it displays "Power Off" and select Power On.



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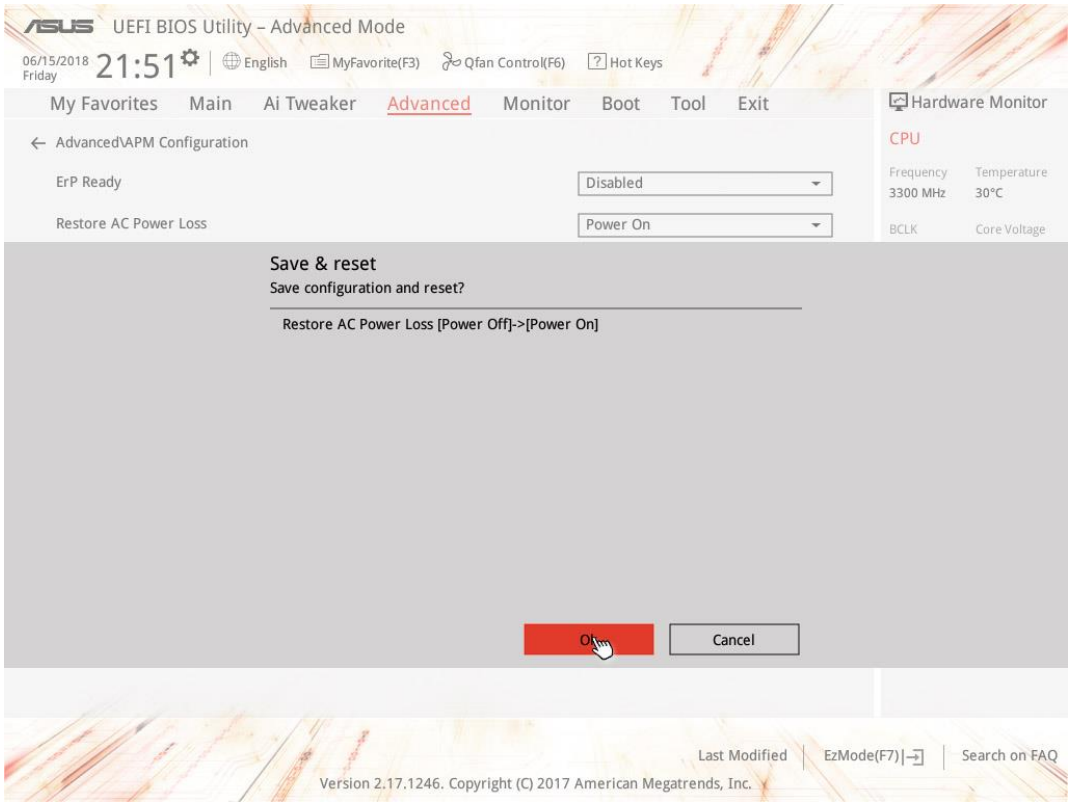
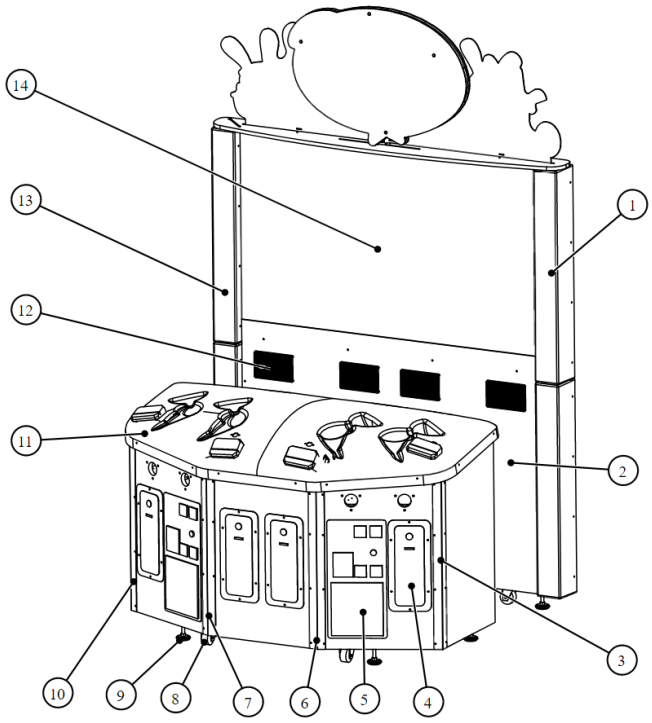
-On your keyboard press on F10 and then click on OK to confirm and save the settings.



Chapter 07 - Parts

Cabinet Parts



Ref	Part Description	Part #
1	Right Side LEDs Cover for Rabbids Hollywood 65''	RHW-07-8001
2	Below Screen Print, PVC 1/8'', Rabbids Hollywood 65''	RHW65-09-0005
3	Front Metal Trim 11	RAM-01-0011
4	Ticket Dispenser Door Including LEDs, Without Dispenser	ADR-40-0540-00
5	Door Assembly With 2 Upper Mech Holder, 1 Validator Cut Out, Blank Bottom Door	ADR-40-3000-06
6	Front Metal Trim 13	RAM-01-0013
7	Front Metal Trim 14	RAM-01-0014
8	General Duty Rubber Caster, 2-1/2''	INV-F25083
9	Leg Leveler 1/2"-13 x 4" Thread, 2-3/8" Base Diameter	INV-62805K-39
10	Front Metal Trim 12	RAM-01-0012
11	Thermoformed Dash for Rabbids Hollywood 65''	RHW65-09-0006
12	Speaker 4''	ADR-50-9986-00
13	Left Side LEDs Cover for Rabbids Hollywood 65''	RHW-07-8002
14	Monitors 65'', Black Frame, With Safety Glass	RAM-10-0001

Other Cabinet Parts

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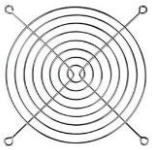
4) 

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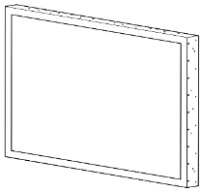
Ref	Part Description	Part #
1	7-Digits Meter with bracket	ADR-42-08012-072
2	Red Large Round Button with Led White Lamp	ADR-75-L012-600
	Blue Large Round Button with Led White Lamp	ADR-75-L012-122
	Green Large Round Button with Led White Lamp	ADR-75-L012-133
	Yellow Large Round Button with Led White Lamp	ADR-75-L012-155
3	Fan, 120mm X 120mm, 53CFM	ADR-FAN-120mm
4	Grill 120mm	ADR-GRILLE-120MM
5	Plastic Coin Container	INV-07-1011
6	Multi-Stage Filter 6A	ADR-817-1321-ND
7	Turn-to-Open Draw Latch, Zinc-Plated, Steel, 1-7/8" Latching Distance	INV-1406A71

Monitor Replacement Parts

1) 

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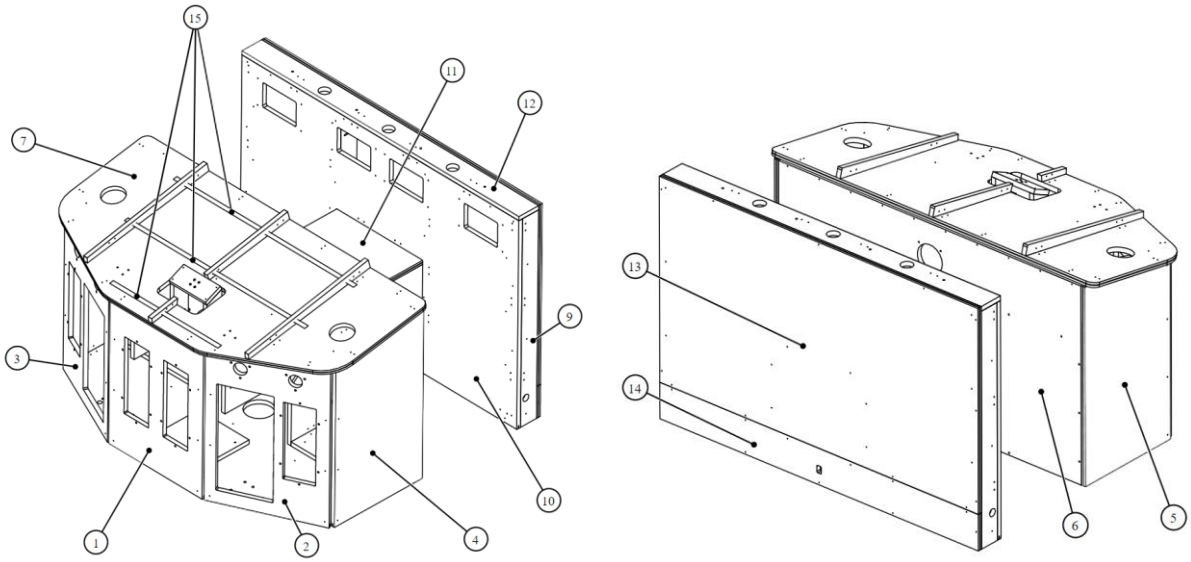
Ref	Part Description	Part #
1	Monitors 65'', Black Frame, With Safety Glass	RAM-10-0001
2	Video Board for 65 Monitor	RAM-10-0001-VIDEO-BOARD
3	Inverter Backlight Board with Cable and Harness for 65'' Monitors	RAM-10-0001-INVRT
4	Power Supply for 65'' Monitors	RAM-10-0001-PS
5	Logic Panel Control Board with Ribbons Cables for 65'' Monitors	RAM-10-0001-LB

Wood Module Parts



Ref	Part Description	Part #
1	RHW65''-Printed Melamine -01	RHW65-09-0003-ITEM-1
2	RHW65-Printed Melamine -02 For Coin Door ADR-40-3000-06LKA	RHW65-09-0003-ITEM-2A
	RHW65-Printed Melamine -02 For Coin Door ADR-40-0512-06-NMKA	RHW65-09-0003-ITEM-2B
3	RHW65-Printed Melamine -03 For Coin Door ADR-40-3000-06LKA	RHW65-09-0003-ITEM-3A
	RHW65-Printed Melamine -03 For Coin Door ADR-40-0512-06-NMKA	RHW65-09-0003-ITEM-3B
4	RHW65''-Printed Melamine -04	RHW65-09-0003-ITEM-4
5	RHW65''-Printed Melamine -05	RHW65-09-0003-ITEM-5
6	65'' Melamine- 06	TOM-02-0001-06
7	65'' Melamine- 07	TOM-02-0001-07
8	65'' Melamine- 08	TOM-02-0001-08
9	65'' Melamine- 09	TOM-02-0001-09
10	65'' Melamine- 10	TOM-02-0001-10
11	65'' Melamine- 11	TOM-02-0001-11
12	65'' Melamine- 12	TOM-02-0001-12
13	65'' Melamine- 13	TOM-02-0001-13
14	65'' Melamine- 14	TOM-02-0001-14
15	Led Strip 49''of YGL-LB5050HWC-81P-132-1S	INV-14-1025

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Computer & Electronics

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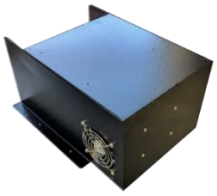
7) 

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Ref	Part Description	Part Number
1	Power Bar 5 positions	INV-05-1242
2	I/O Board, 4 Players, 4 Motor Control, Version 5.0 For Rabbids Hollywood and Tomb Raider	ADR-04-1003-RHW/TR
3	2x15 Watt Class D Audio Amplifier Board	INV-14-0005
4	Switching Power Supply, 12 V, 5A, 2.1 x 5.5mm Plug	INV-14-0006
5	Power Supply, AC/DC Converter, 5V, 300W	SF-14-0010
6	Program LED Controller RGB	INV-14-1030-PROG
7	PC Box for Rabbids Hollywood With Fujitsu H310 and GTX1650	ADR-11-1017-03-RHW
8	7-Port USB, 2.0 Hub, Type A Female USB	INV-11-1021
9	USB Restore for Rabbids Hollywood For H110	ADR-11-2014-RHW-H110
	USB Restore for Rabbids Hollywood For H310	ADR-11-2014-RHW-H310
10	Hard Drive for Rabbids Hollywood For H110	INV-11-1027-RHW-H110
	Hard Drive for Rabbids Hollywood For Fujitsu H310	INV-11-1027-RHW-H310

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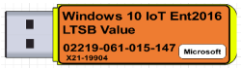
Other Electronic Parts

1) 

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Ref	Part Description	Part Number
1	Yellow Dongle	TF-04-1212
2	USB WIFI Adapter	INV-TL-WN725N
3	Stem Stick Base Board with Licence and Program	INV-04-1301-01-PROG
4	Switching Power Supply, 15 V, 2.67A, 2.5 x 5.5mm Plug	INV-05-1245
5	Round White Coil, 90mm	INV-05-1246
6	PCB Assembly with LEDs WS2813 with 25 LEDs	INV-14-1028
7	PCB Assembly with LEDs WS2813 with 17 LEDs	INV-14-1028-02

Hardware Kit

Complete Hardware Kit for Rabbids Hollywood 65''	RHW-65-HARDWARE

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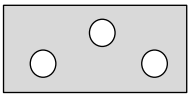
5) 
6)

Ref	Part Description	Part Number	Quantity
1	Black Philipps #8 x ¾ Screws	PS-PP-BS-N08X3/4	6
2	¼ Locknuts	LN-Z-1/4-20	4
3	¼ Flat Washers	FW-Z-1/4	4
4	Philipps ¼-20 x ¾ Machine Screws	MS-PRO-ZS-1/4-20X3/4	4
5	5/8 x 2'' Mending Plates	CONS-52-0011	3
6	¼-20 x 1½ Coupling Nuts	CONS-52-0012	4

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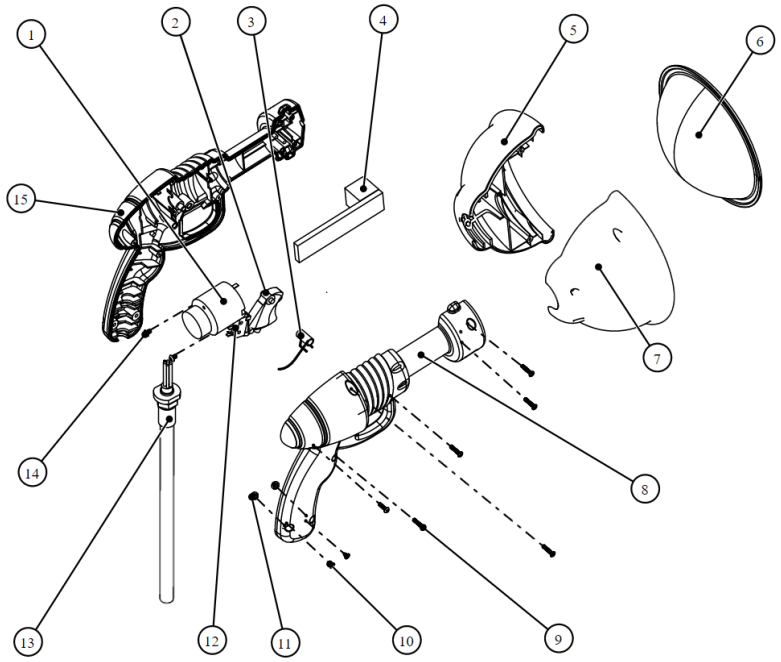
Plunger Controllers

Part Description	Part Number
Blue Plunger for Rabbids Hollywood 65''	RHW65-05-0011-B
Green Plunger for Rabbids Hollywood 65''	RHW65-05-0011-G
Yellow Plunger for Rabbids Hollywood 65''	RHW65-05-0011-Y
Magenta Plunger for Rabbids Hollywood 65''	RHW65-05-0011-M



ID	Part Description	Part Number
1	Kit Including Vibration Motor and Snubber for Game Controller	INV-15-0006-Kit
2	Black Trigger for Game Controller	ADR-96-2515-06
3	Spring for Trigger Return	ADR-96-0005-00
4	Stem Stick Position Tracker Board, Version 3, With Resin, Coil 8mm and Licence	INV-04-1302-03
5	Plunger Left Section, Color Blue	RHW-05-0007-B
	Plunger Left Section, Color Green	RHW-05-0007-G
	Plunger Left Section, Color Magenta	RHW-05-0007-M
	Plunger Left Section, Color Yellow	RHW-05-0007-Y
6	Plunger Dome, Color Blue	RHW-05-0008-B
	Plunger Dome, Color Green	RHW-05-0008-G
	Plunger Dome, Color Magenta	RHW-05-0008-M
	Plunger Dome, Color Yellow	RHW-05-0008-Y
7	Plunger Right Section, Color Blue	RHW-05-0006-B
	Plunger Right Section, Color Green	RHW-05-0006-G
	Plunger Right Section, Color Magenta	RHW-05-0006-M
	Plunger Right Section, Color Yellow	RHW-05-0006-Y
8	Right Plunger Handle	RHW-05-0004
9	Hex Drive Rounded Head Screw, Stainless Steel, M3 x 0.5 mm, 4 mm Long	MS-HRO-ZS-M3X0.5MMX4MM
10	Rounded Head Screws, Torx, Zinc-Plated Steel, #2x 3/8" Long	MS-TRO-ZS-N2X3/8
11	Nylon-Insert Locknut, Zinc-Plated Steel, 4-40 Thread Size	LN-ZS-4-40
12	Trigger Switch for Game Controller	ADR-95-4142-10
13	Hose with Switch and Handle For Rabbids Hollywood 65''	36SH-RHW-KIT-H
14	Hex Drive Rounded Head Screw, Stainless Steel, M3 x 0.5 mm, 4 mm Long	MS-HRO-ZS-M3X0.5MMX4MM
15	Left Plunger Handle	RHW-05-0005

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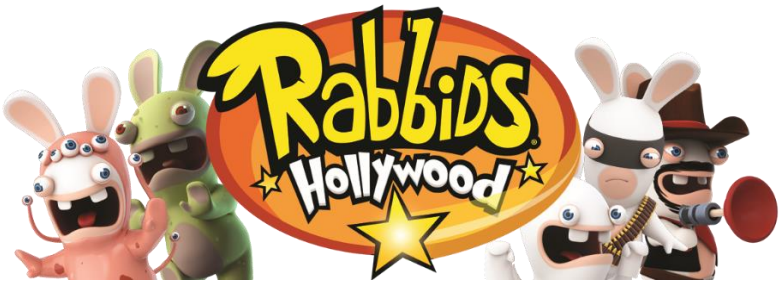
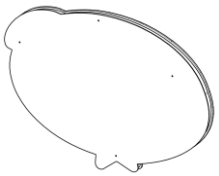
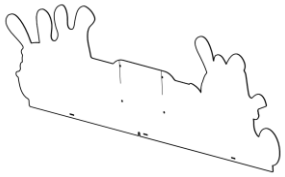
Header & LEDs



1) 

2) 

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Ref	Part Description	Part Number
1	Kit for Acrylic Header Including LEDs, Rabbids Hollywood 65''	RHW65-09-0001-Kit
2	Back of Header, PVC, Rabbids Hollywood 65''	RHW65-09-0002
3	Base for Header, Rabbids Hollywood 65''	RHW65-09-0004
4	Led Strip 49''of YGL-LB5050HWC-81P-132-1S	INV-14-1025

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Cabling

Part Description	Part Number
DVI Cable, 10'	INV-DVI-DD1-10
USB "AB" cable, 3'	INV-USB-AB1-03
USB "AB" cable, 6'	INV-USB-AB1-06
USB A Male to Mini-B 5-pins male, 6'	INV-USB-AM51-06
Audio Cable 3.5mm Male To 2x RCA Male, 6'	INV-35mm-RCAE-06
Power Cord IEC-C13 to IEC-C14, 18AWG, 2'	INV-PW-100-02
Power Cord IEC-C13 to IEC-C14, 18AWG, 6'	INV-PW-100-06
Power Cord IEC-C13 to IEC-C14, 18AWG, 12'	INV-PW-100-12
Power Cord IEC-C14 to IEC-C7, 18AWG, 3'	INV-PW-117-03
Straight Barrel Power Cable 2.1mm, 3'	ADR-CP-2216-ND
HDMI Cable, 10'	INV-HDMI-140-10K

Power Cord Set

Image	Region	Part Number
	Canada, United States of America, Mexico	INV-PW-105C-06
	Europe	INV-PW-170-3M
	United Kingdom, United Arab Emirates, Saudi Arabia	INV-PW-175-3M
	India	INV-PW-618-2M
	Australia, Argentina	INV-PW-665-2M

Wiring Harness

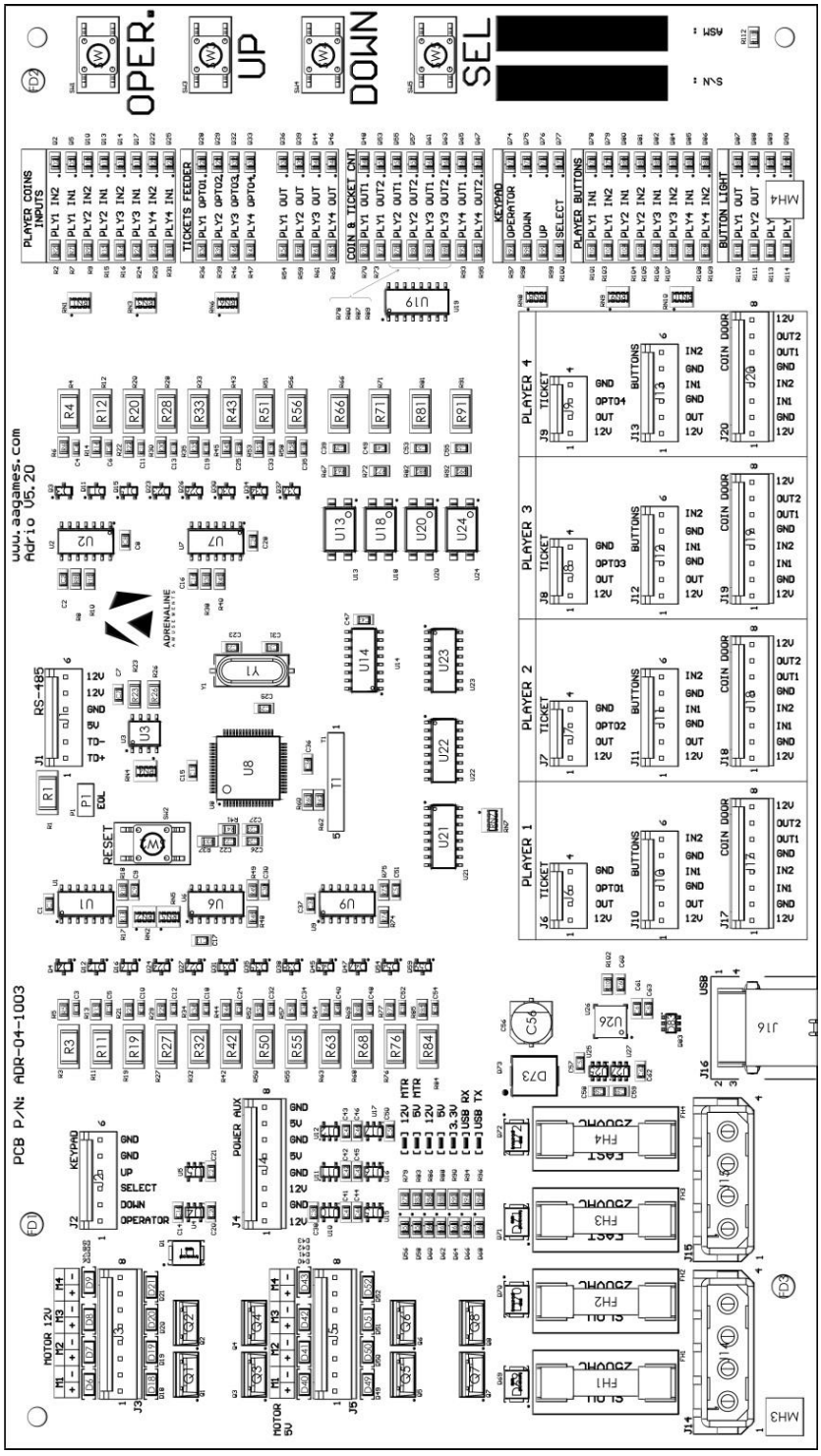
Part Description	Part Number
Harness for Power - Led Controller	TR-03-0001
Harness Start Button & Gun	TR-03-0002
Harness for EMI Filter to Power Bar	TR-03-0003
Harness I/O Board to Coin Doors	TR-03-0004
Harness for Gun Ground	TR-03-0005
Harness for Speakers	TR-03-0006
Harness for Power – I/O Board & USB Hub	TR-03-0007
Harness Power from Power Bar to PSU 5V/300W	TR-03-0008
Harness for Operator Button	TR-03-0010
Harness for Power – LED Dash & Header	TR-03-0011
Harness for Power LED Controller	RAM-03-0001
Harness for Data RGB LED Sides	RAM-03-0002
Harness for Power RGB LED Sides	RAM-03-0003
RGB LEDs PCB junction connectors	SF-05-0014
Harness for PC Box	INV-03-4080
Harness for Round White Coil, 90mm	RHW-03-0009
Splitter Cable Barrel Connector, 2.1mm Female to 2 x 2.1mm Male, 300mm	TF-05-1223

Misc. Parts

Part Description	Part Number
Power Entry EMI Filter	ADR-05-1241
Multiple-Strike Draw Latch	INV-6139A270
Gas Cylinder 25lbs	INV-C16-18856
End Fitting for Gas Cylinder	INV-D68-01038
Ball Bracket 10mm	INV-P67-00202
Windows 10 Licence	ADR-6EU-00035

Chapter 08 – Diagrams & Schematics

I/0 Board ADR-04-1003



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J1	J2	J3	J4
No Use	Keypad 1. (Blue) Operator 2. Not Connected 3. Not Connected 4. Not Connected 5. Not Connected 6. (White) GND	No Use	Power Aux. 1. (Red) +12V 2. (Black) GND 3. (Red) +12V 4. (Black) GND 5. Not Connected 6. Not Connected 7. Not Connected 8. Not Connected
J5	**J6**	**J7**	**J8**
MOTOR 5V 1. (Red) +5V 2. (Black) GND 3. (Red) +5V 4. (Black) GND 5. (Red) +5V 6. (Black) GND 7. (Red) +5V 8. (Black) GND	Ticket Dispenser Player 1 1. (White) +12V 2. (Yellow) OUT 3. (Orange) OPTO1 4. (Black) GND	Ticket Dispenser Player 2 1. (Red) +12V 2. (Blue) OUT 3. (Green) OPTO1 4. (Brown) GND	Ticket Dispenser Player 3 1. (White) +12V 2. (Yellow) OUT 3. (Orange) OPTO1 4. (Black) GND
J9	**J10**	**J11**	**J12**
Ticket Dispenser Player 4 1. (Red) +12V 2. (Blue) OUT 3. (Green) OPTO1 4. (Brown) GND	Player 1- Buttons 1. (Yellow) +12V 2. (Green) OUT 3. (Brown) GND 4. (Orange) IN1 5. (Blue) GND 6. (White) IN2	Player 2- Buttons 1. (Yellow) +12V 2. (Green) OUT 3. (Brown) GND 4. (Orange) IN1 5. (Blue) GND 6. (White) IN2	Player 3- Buttons 1. (Yellow) +12V 2. (Green) OUT 3. (Brown) GND 4. (Orange) IN1 5. (Blue) GND 6. (White) IN2
J13	**J14**	**J15**	**J16**
Player 4- Buttons 1. (Yellow) +12V 2. (Green) OUT 3. (Brown) GND 4. (Orange) IN1 5. (Blue) GND 6. (White) IN2	12V Input DC	5V/12V Input DC	USB To Computer
J17	**J18**	**J19**	**J20**
Coin Door Player-1 1. (White) +12V 2. (Black) GND 3. (Red) IN1 4. Not Connected 5. (Blue) GND 6. (Orange) OUT1 7. Not Connected 8. (Green) +12V	Coin Door Player-2 1. Not Connected 2. Not Connected 3. (Brown) IN1 4. Not Connected 5. Not Connected 6. Not Connected 7. Not Connected 8. Not Connected	Coin Door Player-3 1. (White) +12V 2. (Black) GND 3. (Red) IN1 4. Not Connected 5. (Blue) GND 6. (Orange) OUT1 7. Not Connected 8. (Green) +12V	Coin Door Player-4 1. Not Connected 2. Not Connected 3. (Brown) IN1 4. Not Connected 5. Not Connected 6. Not Connected 7. Not Connected 8. Not Connected

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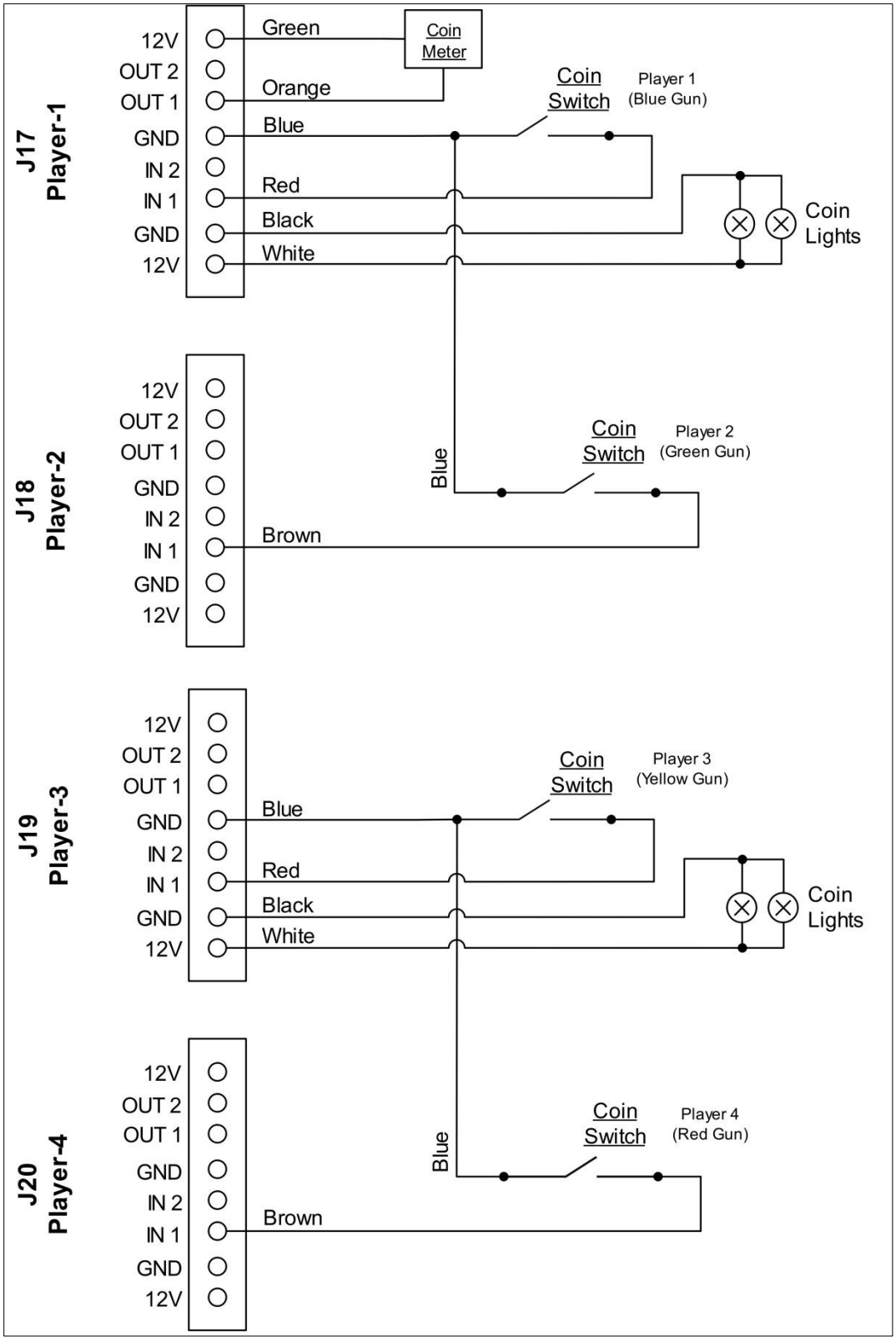
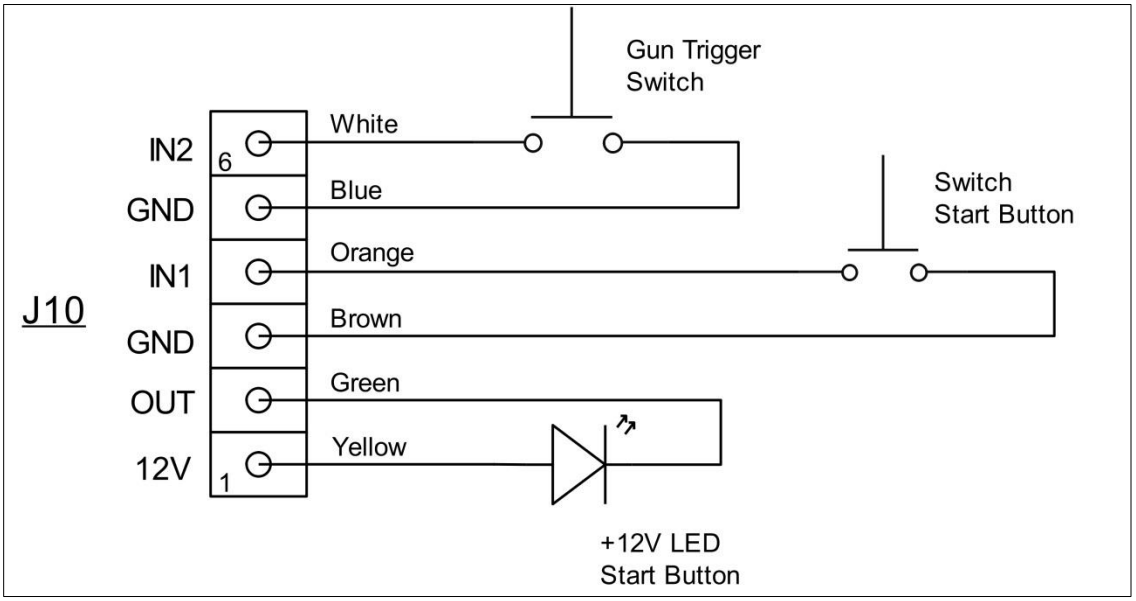
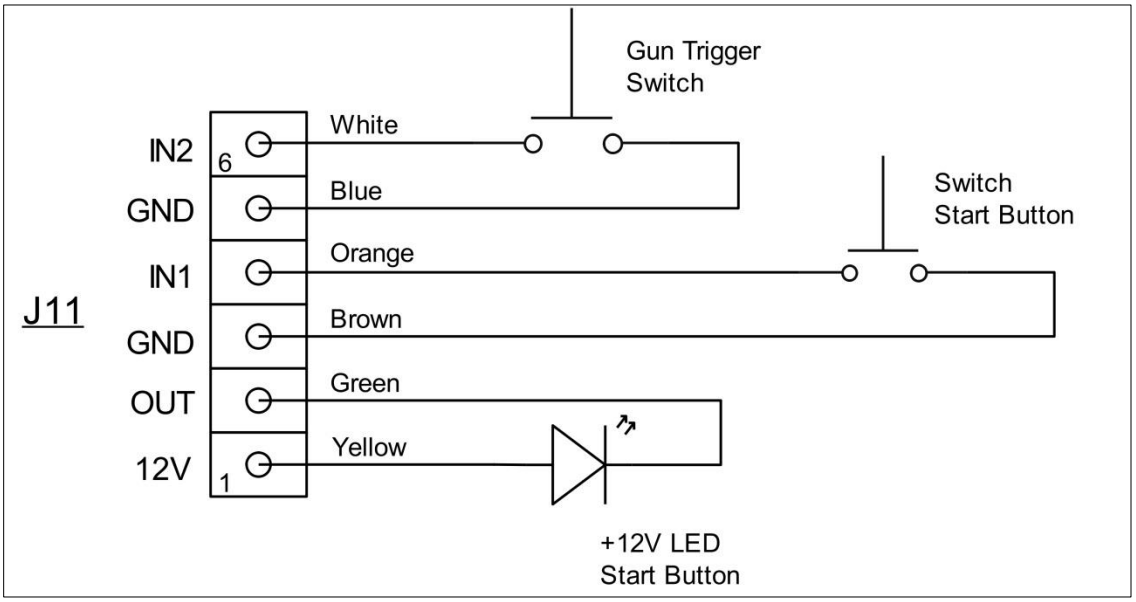
I/O Board – Detailed Wiring

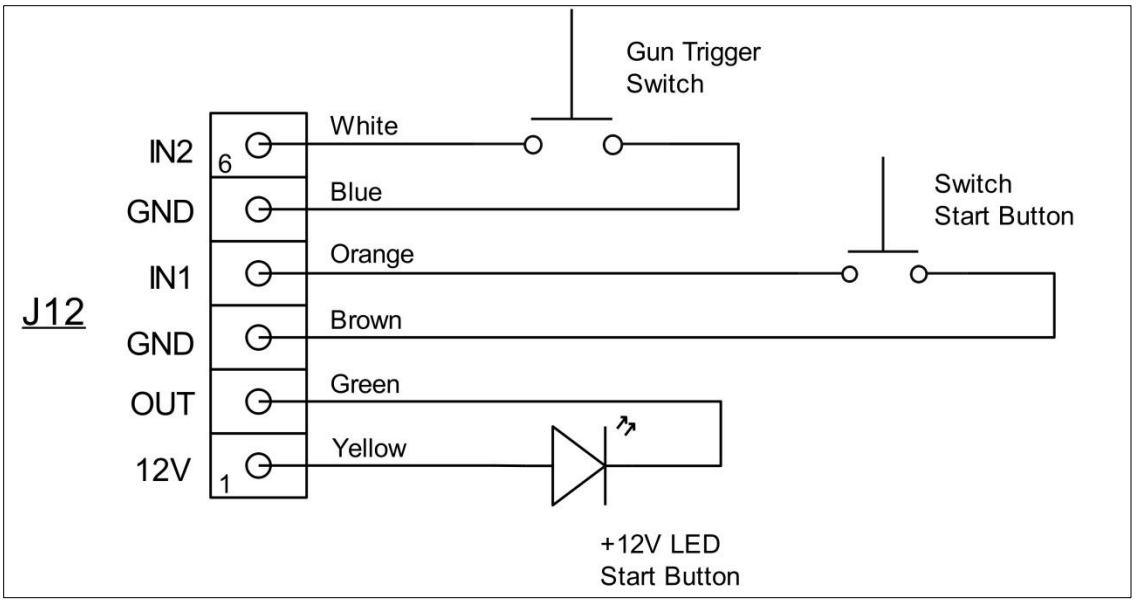




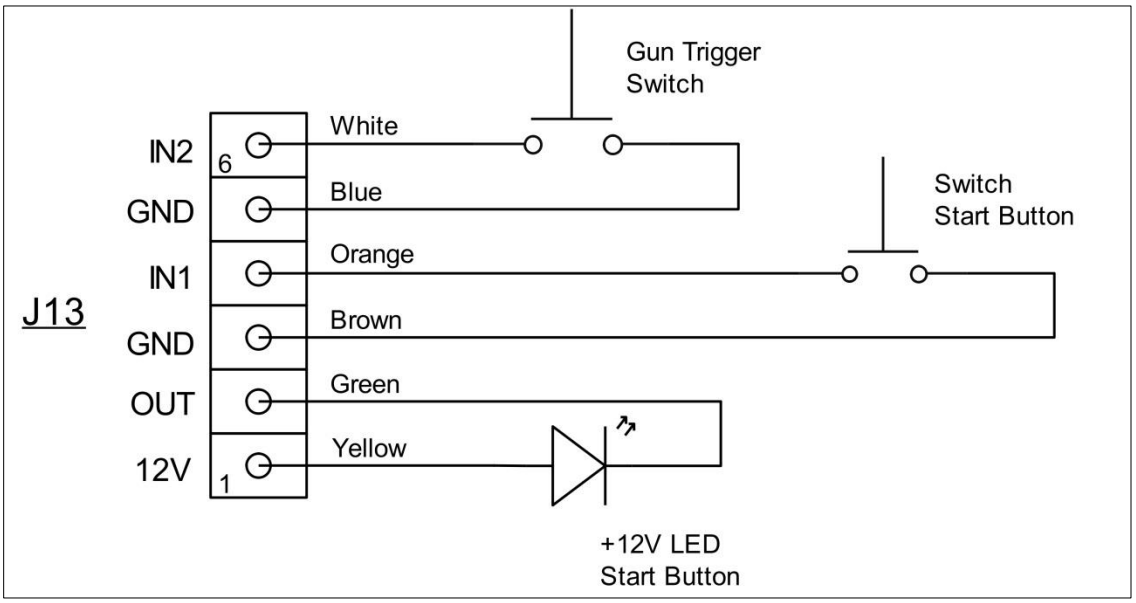
Player 1



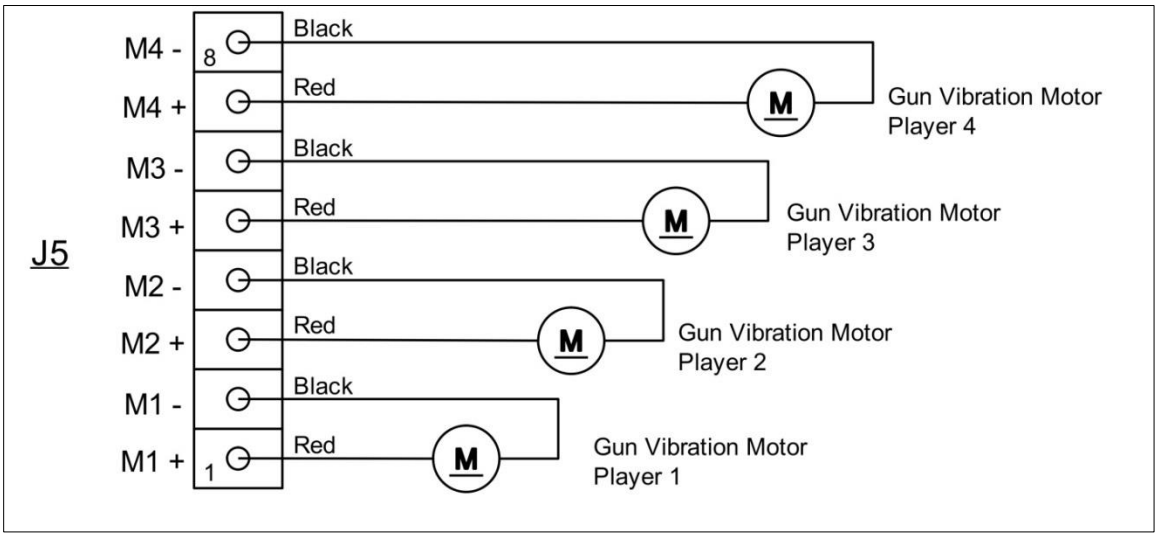
Player 2

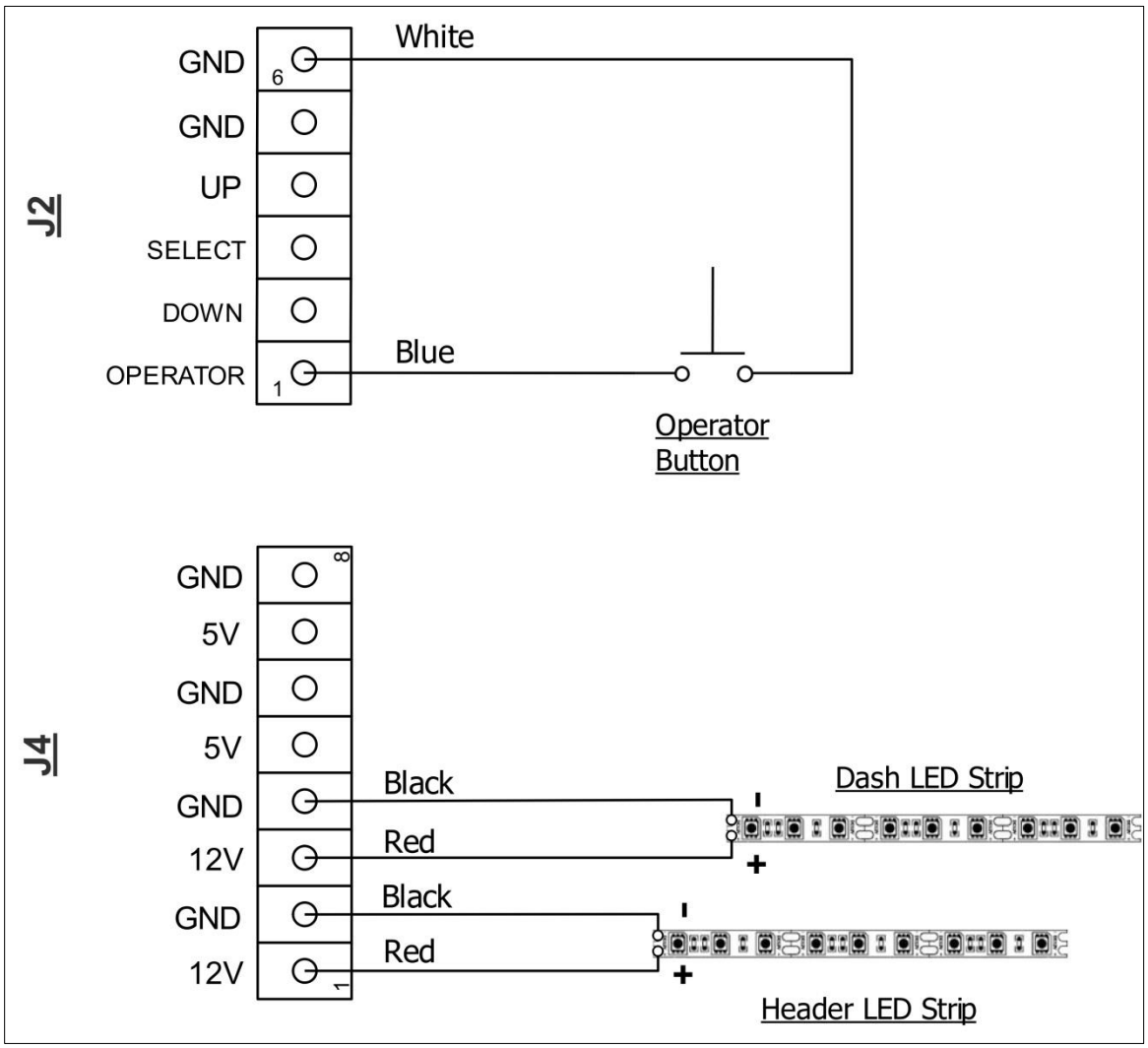


Player 3



Player 4





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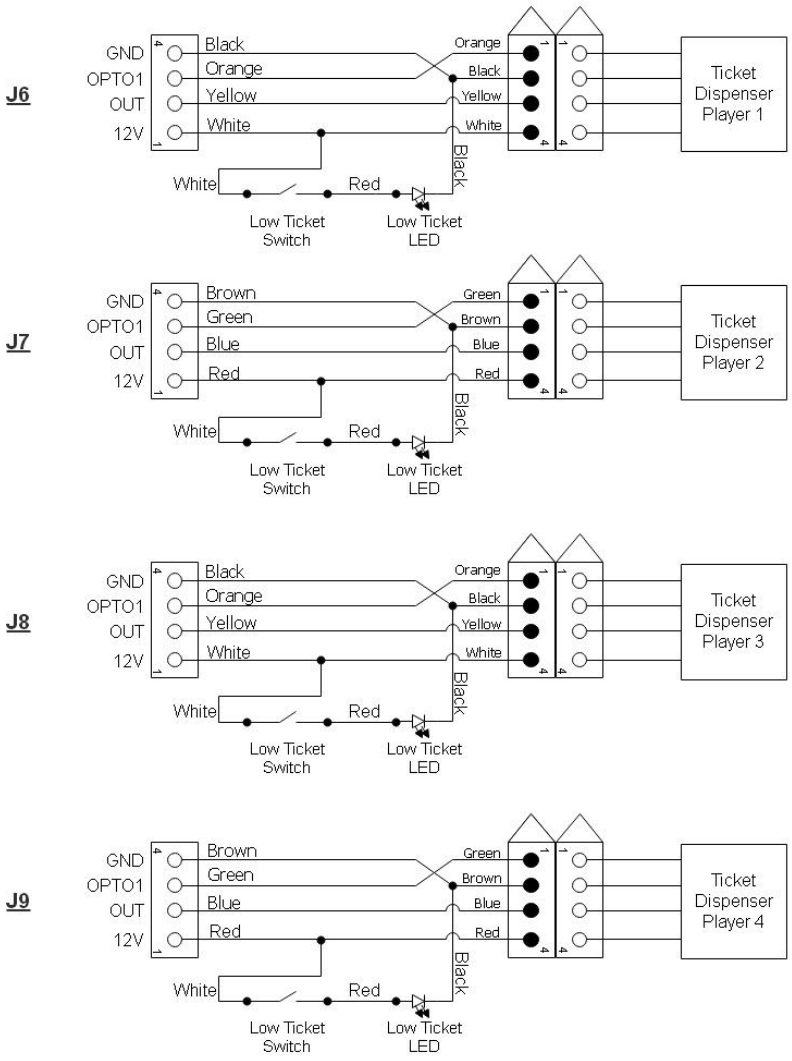
Tickets Wiring



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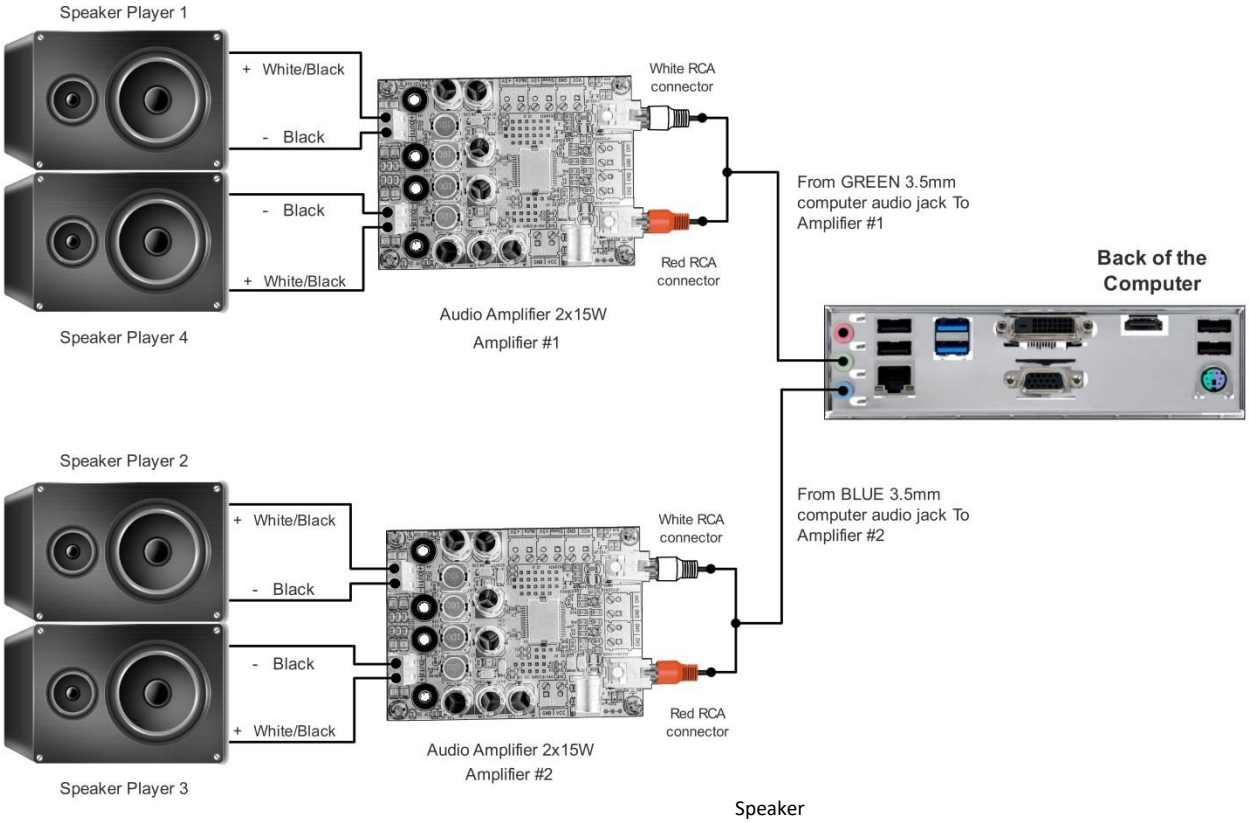
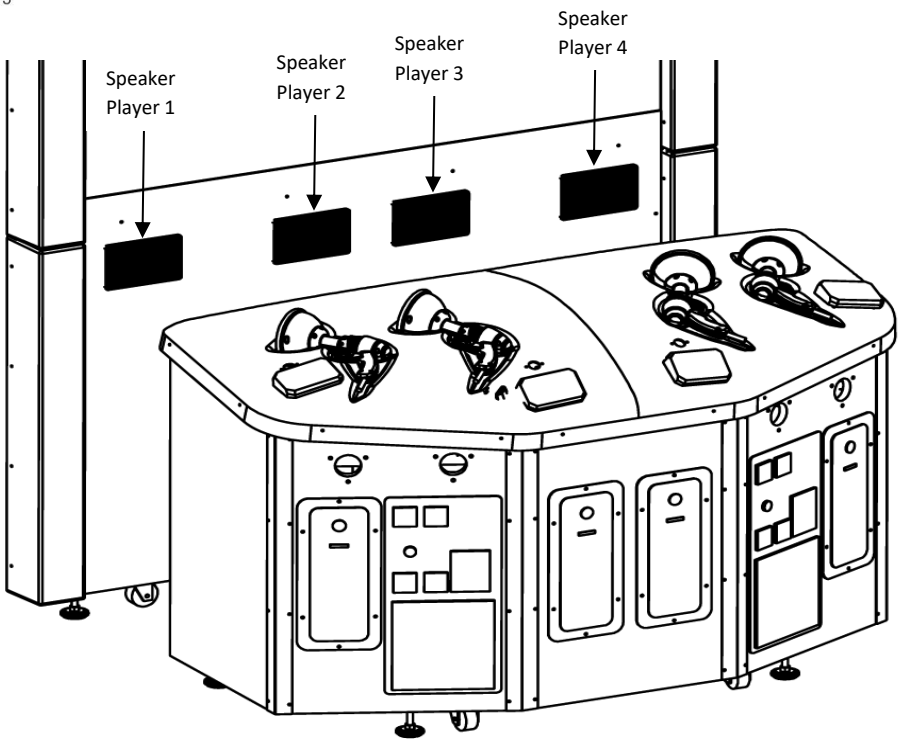
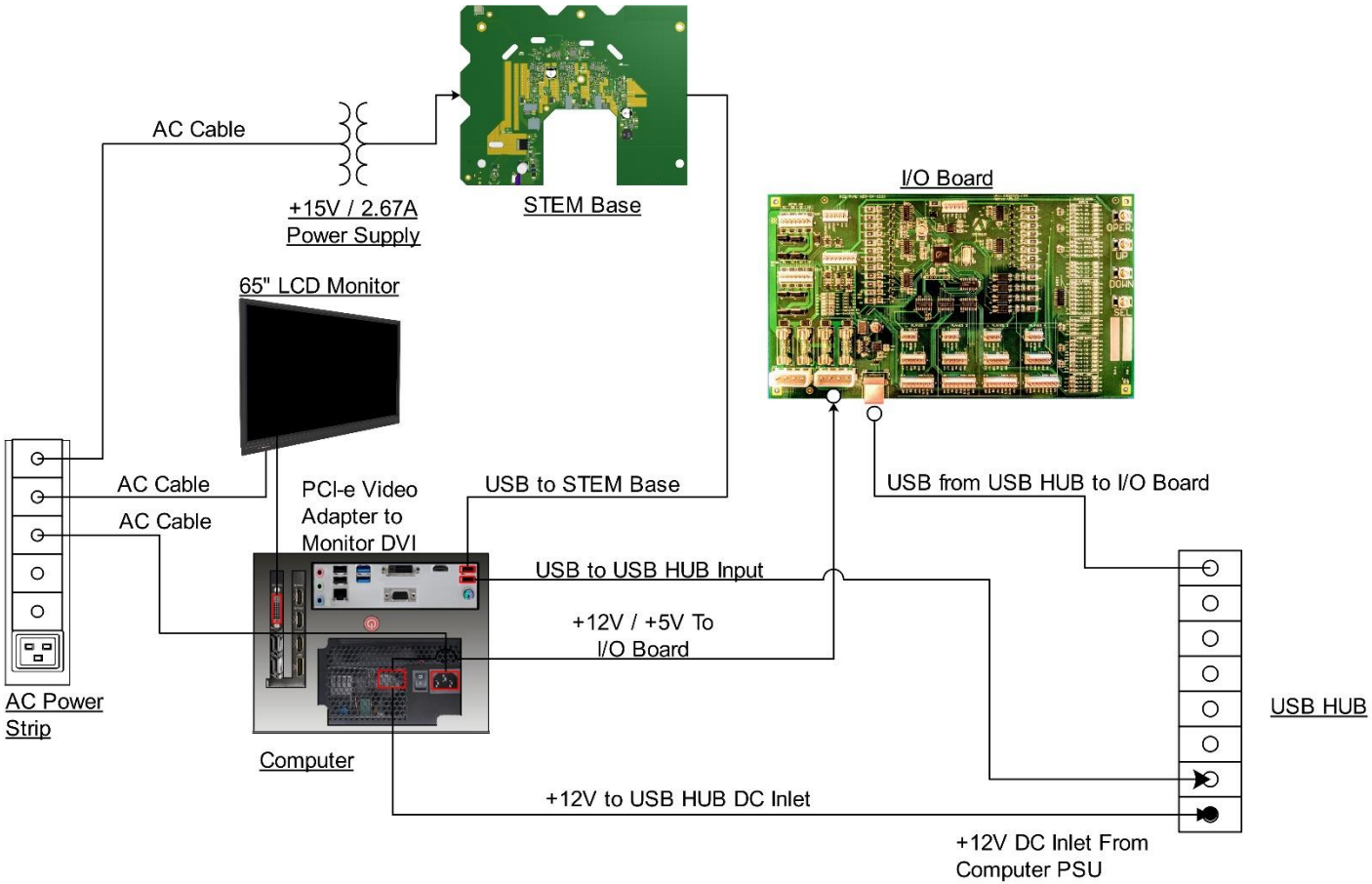
Speakers Wiring Colors





Power Distribution Schematics



POWER DISTRIBUTION
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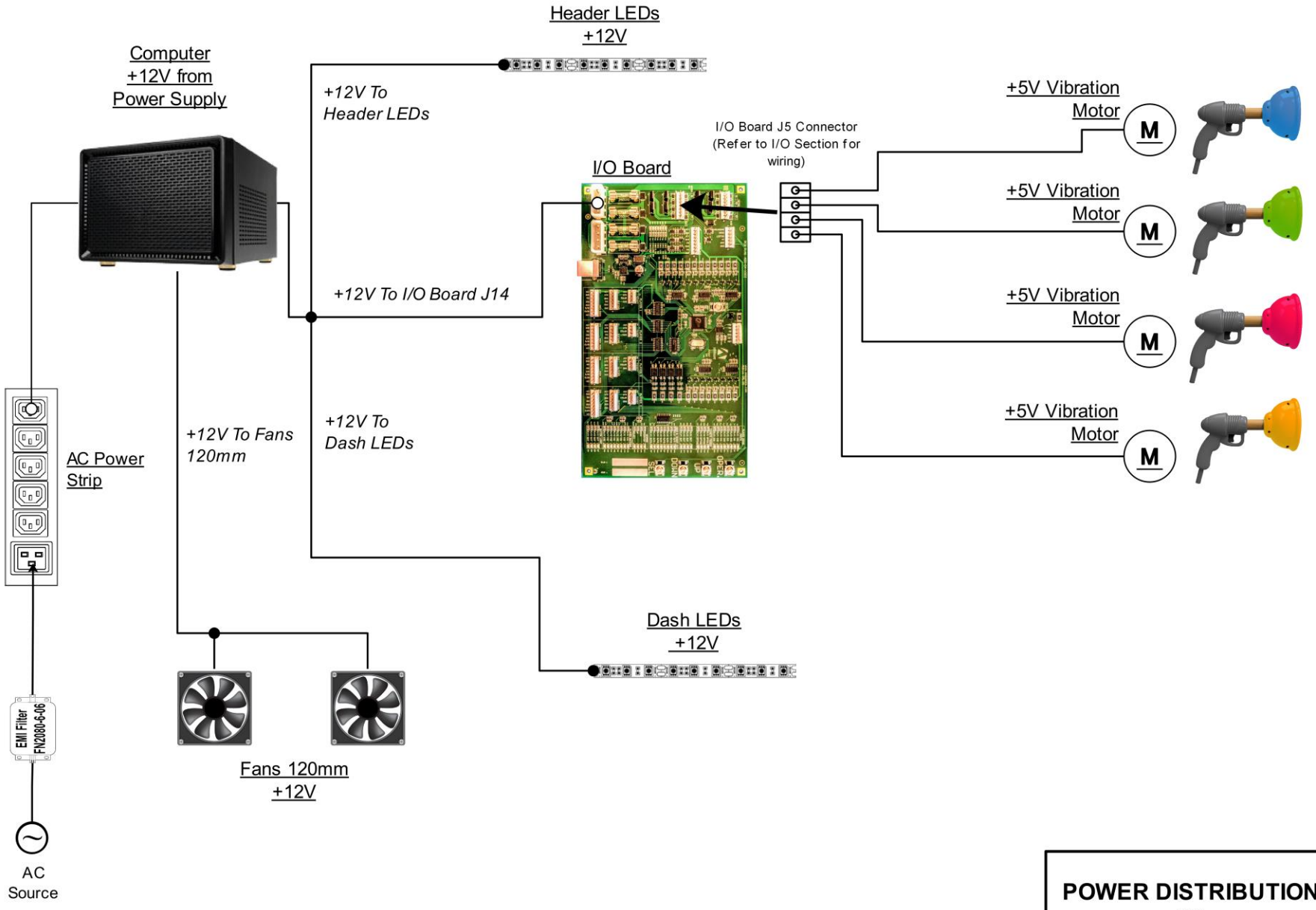

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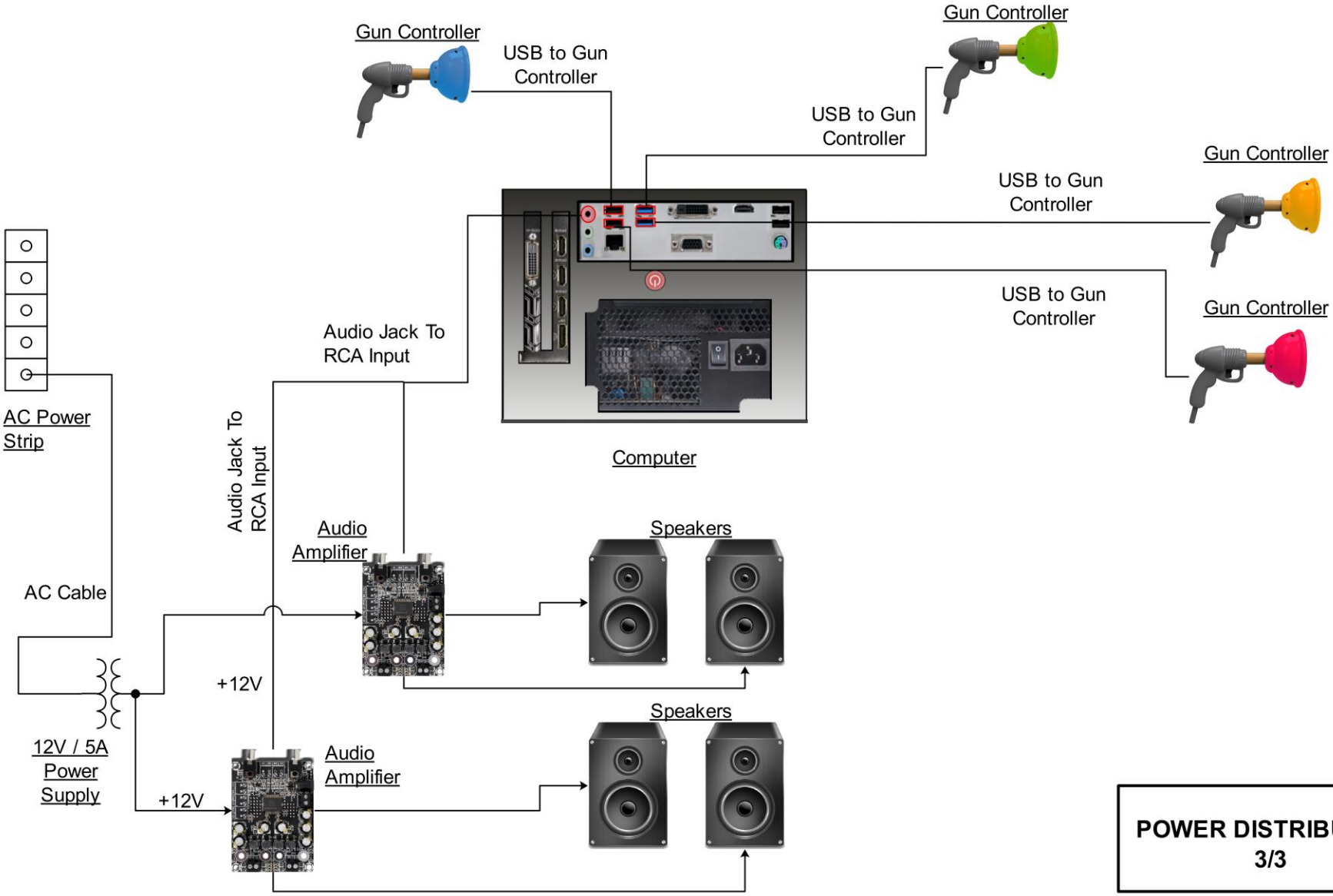

POWER DISTRIBUTION 3/3

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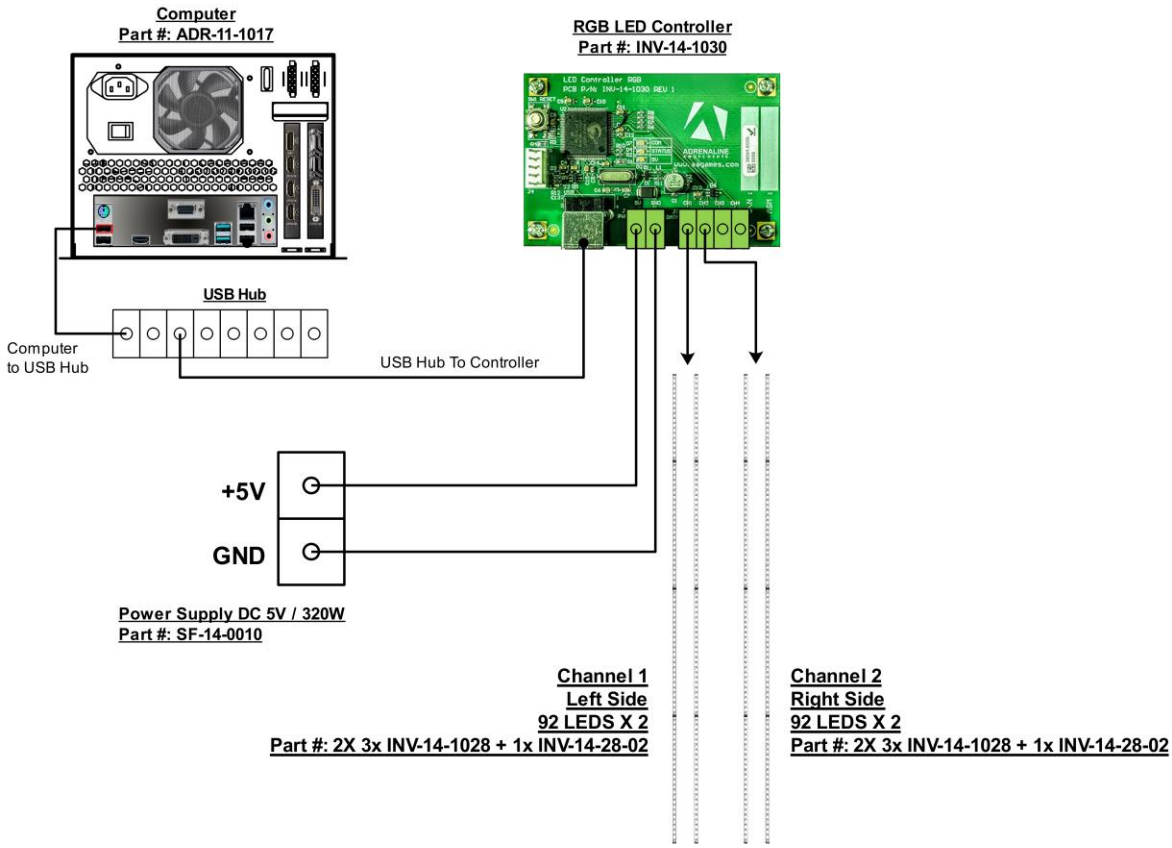
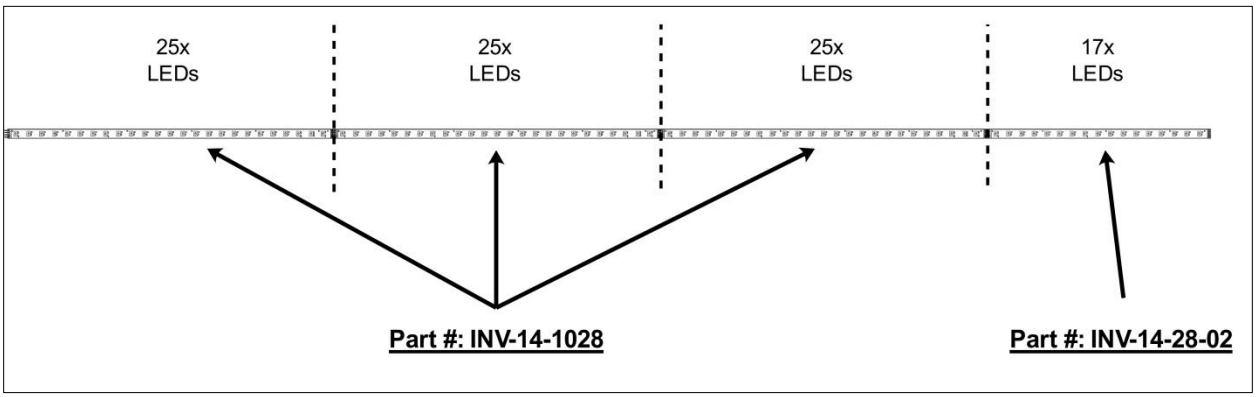
RGB LED Schematics



Each side has 2 strips of RGB PCB LED assembly. (Ref p.26)
Each strips has 3x 25LEDs PCB (INV-14-1028) and 1x 17LEDs PCB (INV-14-1028-02)



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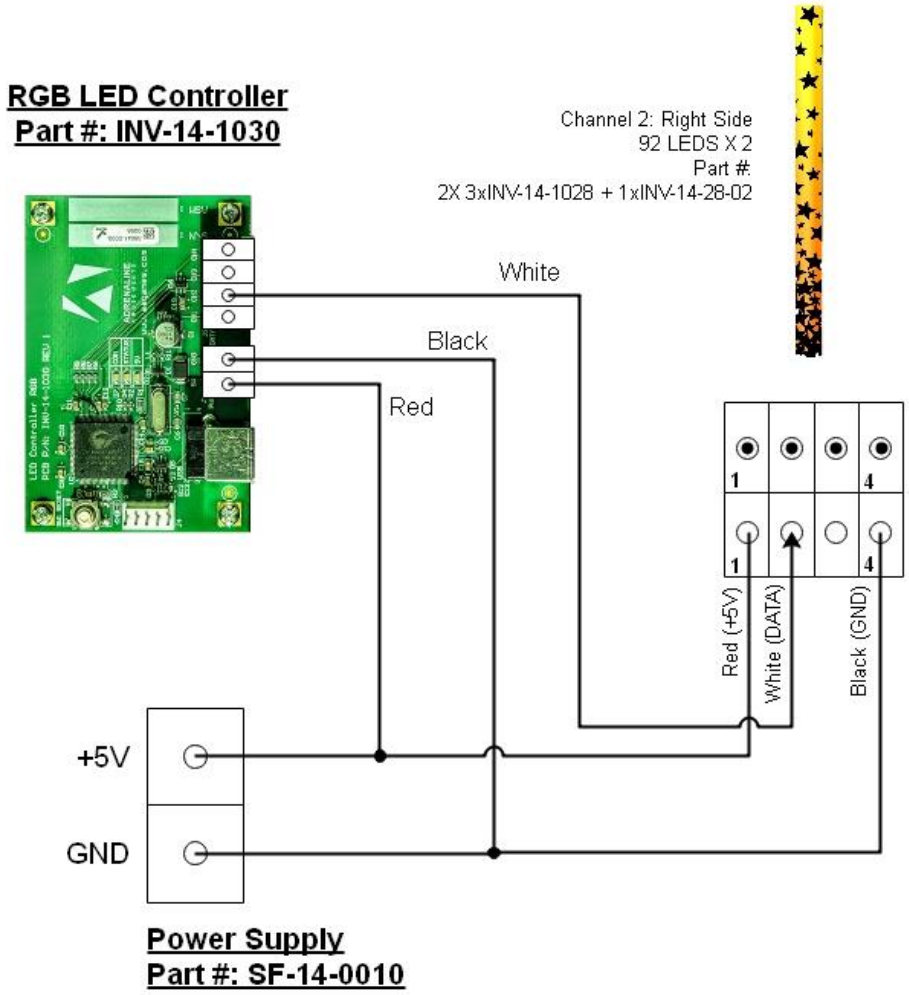
Channel 1



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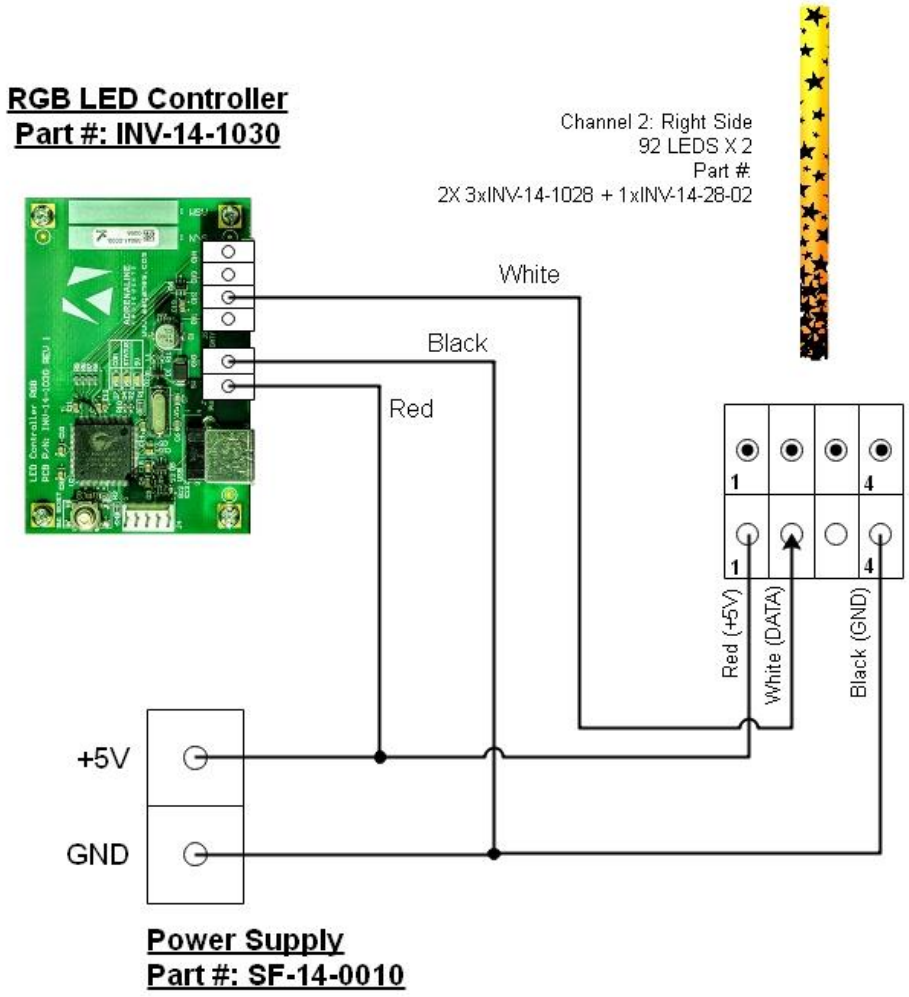
Channel 2



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Chapter 09 – Software Recovery

If your unit software needs to be restored, please follow those instructions.

- Connect a USB keyboard to the motherboard.
- Connect the provided USB Recovery flash disk is in a ***Black*** USB port.
- Power on the unit and press F8 on the keyboard to display the boot menu.
- Choose the *UEFI: USB device ~16GB*

The process takes 25-30 minutes and the unit will reboot back in the game at the end. The Wireless credentials will need to be re-entered and Operator settings will be back at the default ones.

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Chapter 10 – Card Reader

Configure your Operator settings as seen in Chapter 5 - Operator Menu.

Embed System

If you are using an Embed system, you need to connect your harnesses to Adrenaline Amusements I/O board & harnesses. You should refer to the Embed instructions manual for wiring pin-out.

The typical Embed settings are *Standard* except:

-Ticket Mech Type: Dumb DC

-Drive Polarity: Positive

-Notch Polarity: Negative

-Game ticket notch width = 6 (60ms)

-Game ticket notch spacing = 24 (240ms)

-Game Drive Threshold = 15 (1.5V)

-Drive Debounce = 40ms

Limited Warranty Policies

Customers must provide the unit serial number when claiming any warranty request.

Adrenaline Amusements (AAGames) warrants this Arcade unit (Including accessories) against defects in material or workmanship as follows:

This unit has 1 year warranty against defective hardware from date of delivery.
Other than abuse or improper servicing, Adrenaline Amusements covers at no charge the replacement parts including standard shipping.

We offer an advanced replacement program and the customers have 30 days from delivery date to return back the defective equipment at their fees or they will be charged automatically for the replacement parts.

Improper servicing or abuse will VOID existing warranties.

All warranty request needs to be validated with our technical support department.

After the 1 year warranty, Adrenaline Amusements offers repairs & sales services options. Please contact the technical support department for information.

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