# Flying Tickets 42”

**FTM-42-1001**

ADRENALINE
aagames.com

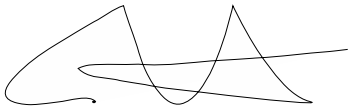
## Operation & Service Manual

Version 2.0

*** 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 Flying Tickets 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 Flying Tickets 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.

- 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

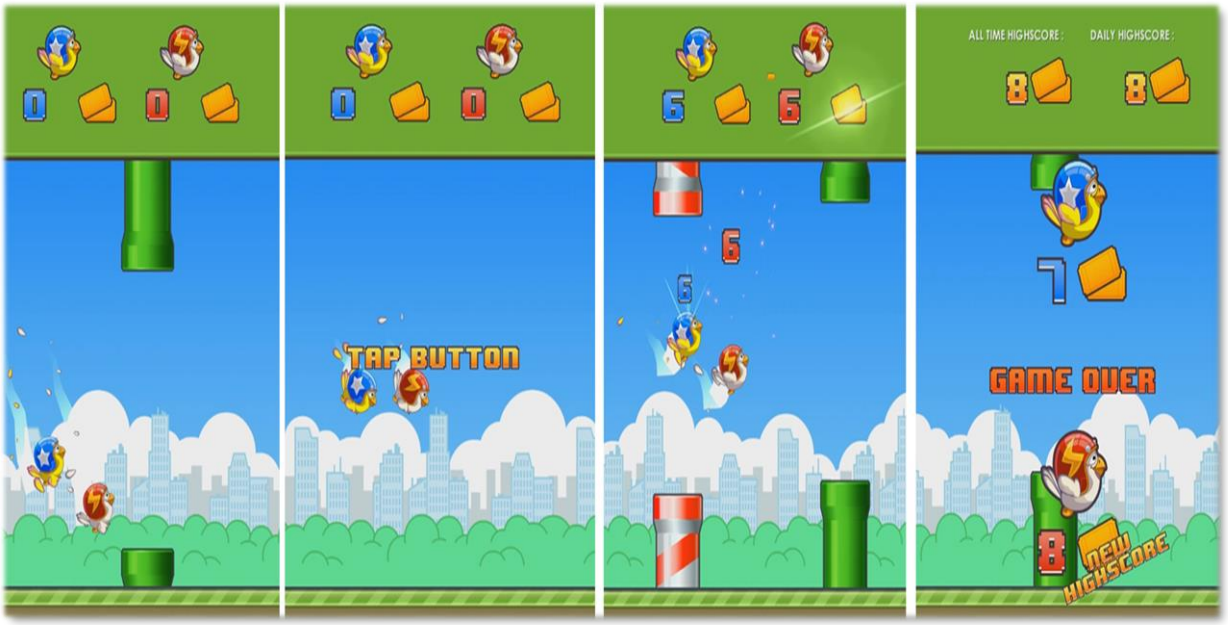
Cabinet is intended for indoor use only. Be sure to keep the cabinet dry and maintain operating temperatures of 59° - 86° (15° - 30°C).

# Chapter 02 - Game Features

**Win a lot of tickets!**

## How to Play

- Tap the button to “flap” your bird through the pipes.
- The green pipes worth 1 ticket, the red/white pipes worth 5 tickets.
- 100% Skill game.
- Challenge your friends; 2 player game play.
- Skill Bonus; beat the target score and win a bonus of 100 to 1000 tickets



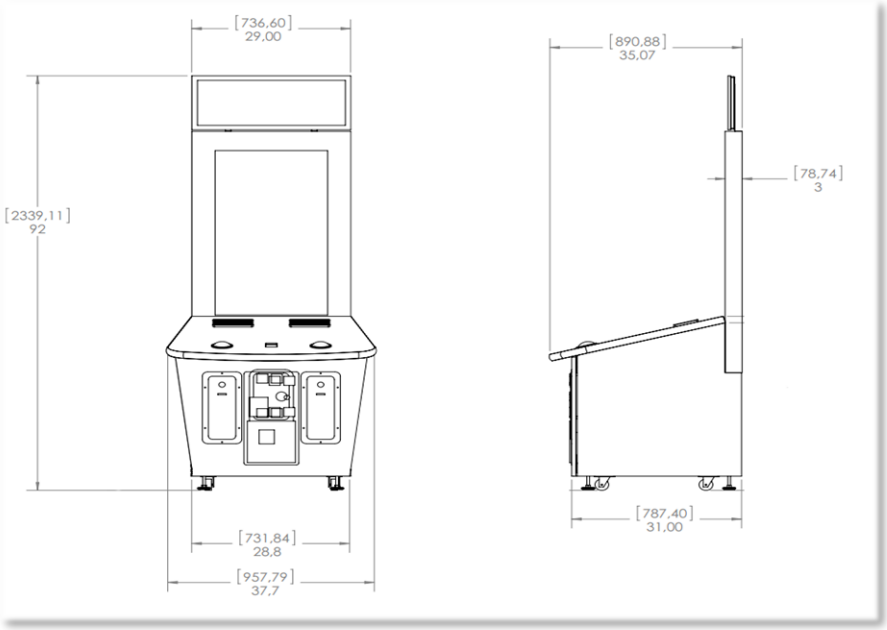
# Chapter 3 – Unit Features

## Hardware Features

- 2 Players Game
- Dual Ticket Dispenser

## Cabinet Facts

### Cabinet Dimensions




**Height** = 92” / 2.34m

**Depth** = 31’’ / 0.79m **Width** = 38’’ /0.96m

### Shipping Dimensions

**Width** = 43” / 1.09m **Depth** = 43” / 1.09m **Height** = 90” / 2.28m

**Weight** = 250lbs

## Voltage

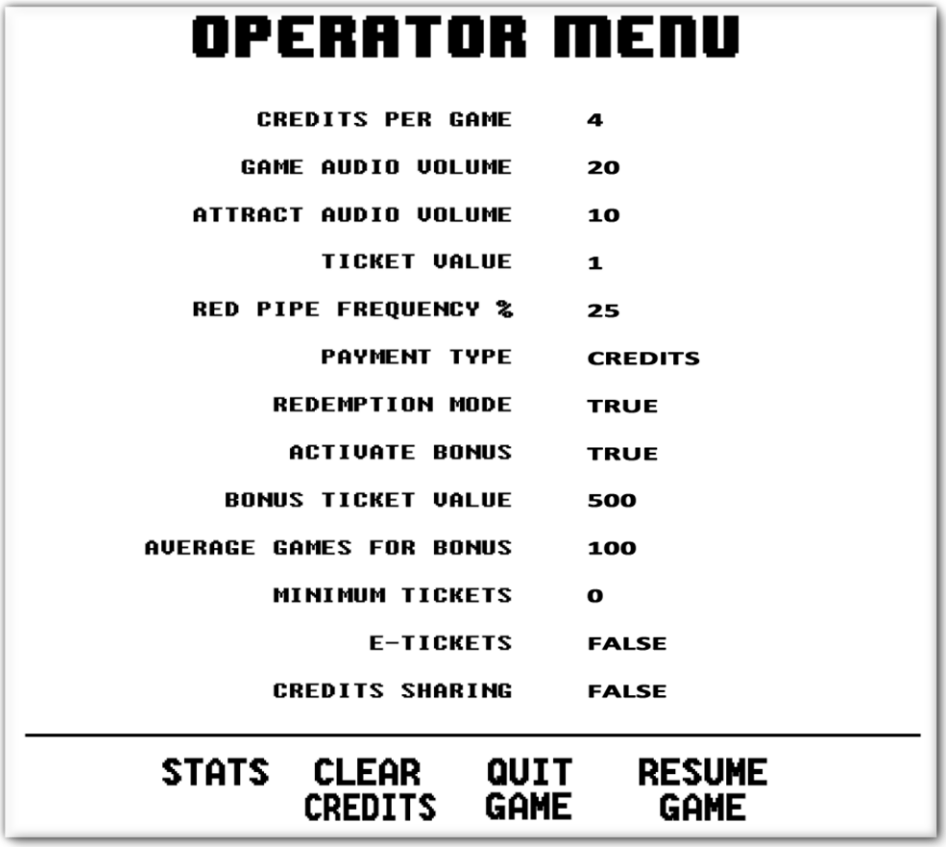
| Voltage | Operating |
|---|---|
| 110V AC | 4 AMP |
| 220V AC | 2 AMP |

# Chapter 04 – Operator Menu

## Operator Menu

Access the Operator Menu by pressing the switch button located inside the top coin door.

**Player 1 Button***: Scroll Up/Increase Value*
**Start Button***: Select*
**Player 2 Button***: Scroll Down/Decrease Value*

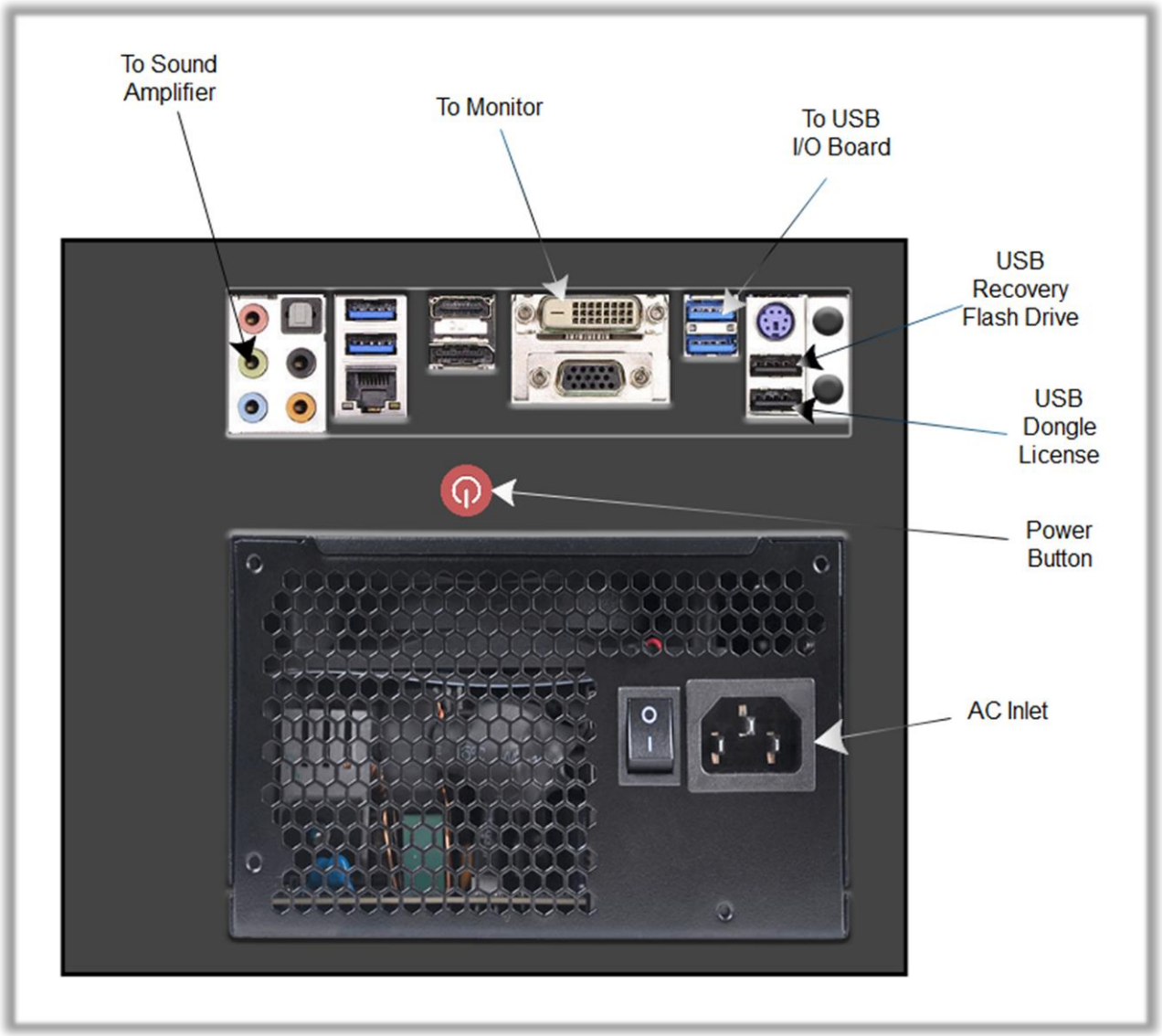


| Operator Menu | Values | What it does |
|---|---|---|
| Credits Per Game | 0 – 20 | Adjusts the number of credits required to play. “0” sets the unit in free play mode. |
| Game Audio Volume | 0 – 20 | Adjusts the in-game audio volume. “0” will mute the game. |
| Attract Audio Volume | 0 – 20 | Adjusts the audio volume of the attract loop. “0” will mute the attract loop. |
| TicketValue | 1 – 2 | Adjusts the value of physical tickets. Physical tickets are either worth “1” ticket or “2” tickets. |
| Red Pipe Frequency % | 1-50 | Adjusts the % frequency of Red Pipe (5 Tickets Value) |
| PaymentType | Credit/Card | Changes the credit type. “Credits” = Coins and “Card” = Card Reader. This will change the in-game text accordingly. |
| Redemption Mode | False/True | Adjusts the tickets redemption availability. (Default: True) |
| Activate Bonus | False / True | Adjusts the Bonus availability |
| Bonus Ticket Value | 50-1000 | Adjusts the number of tickets given when the Bonus is reached |
| Average games for Bonus | 10-1000 | Sets how frequently the Bonus will be awarded (Default: 250) |
| Minimum Tickets | 0 | Adjusts the minimum ticket payout for each game |
| E-Tickets | True/False | Adjusts the ticket distribution mode (False: during the game; True: At the end of the game). **If you have a Card Reader please use TRUE.** |
| Credits Sharing | False/True | Adjusts the credit sharing option between each player. (False: Sharing Disabled // True: Sharing Enabled) **If you have a Card Reader please use FALSE.** |

| | | |
|---|---|---|
| Stats | N/A | Shows the Stats Screen. |
| Resume | N/A | Exits the Operator Menu and returns to the game. |
| Quit | N/A | Exits the game and returns to the Windows desktop. |

# Chapter 05 - Service & Repair

## Computer Connections



# Troubleshooting

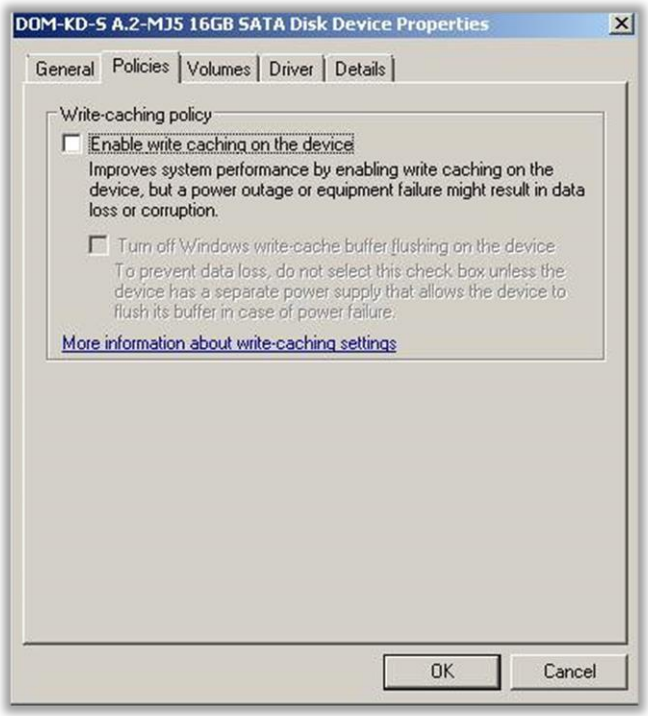
*** NOTE: When requesting a warranty replacement you will be asked to give the unit’s serial number from the back of the unit.**

| Video Troubleshooting | |
|---|---|
| **No Picture and Sound** | To change between Portrait and Landscape mode, press ALT-P (Portrait), or ALT-L (Landscape), or ALT-i (Portrait inverted Flying Tickets 42” version) using a USB keyboard. |
| | There are loose or faulty connections between the monitor and the computer. Make sure the DVI cable is connected properly to both the computer and to the DVI connector of the LCD monitor. |
| | No power to computer.<br>• Verify the computer is ON.<br>• Open the back service door and press the RED or WHITE power button.<br>• Make sure that the power plug is well connected. |
| | The Bios settings have changed, If the computer does not power automatically when the unit is powered on, follow these steps:<br>• Open the cabinet and plug a USB keyboard in one of the remaining USB ports.<br>• Press and hold the “Delete” key on the keyboard and then turn the computer on. Keep holding the “Delete” key until the Bios screen appears.<br>• Using the arrows, select the “Advanced” tab.<br>• Using the arrows, scroll down to the Chipset Configuration option and press the “Enter” key.<br>• Using the arrows, scroll down to the Restore on AC/Power Loss option and press the “Enter” key.<br>• Using the arrows, select the Power On option and press the “Enter” key.<br>• Press the “F10” key then the “Enter” key to exit the Bios screen. |

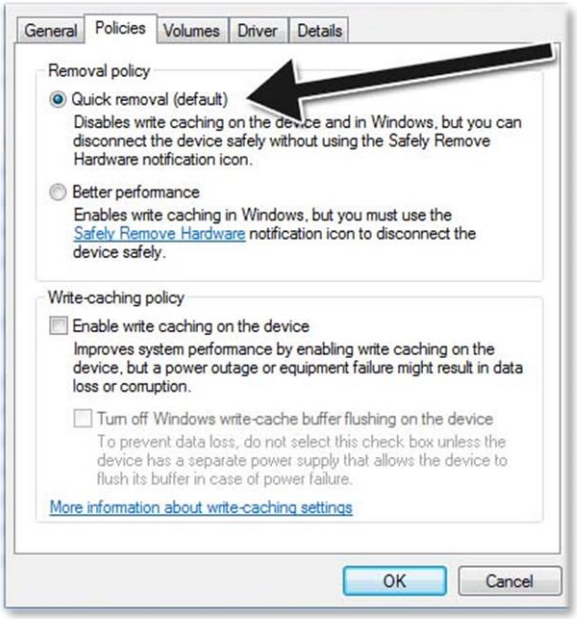
| **Audio Troubleshooting** | |
|---|---|
| **Low Volume / No Sound** | Increase the volume in the game by pressing the Operator Button and adjusting the volume options in the Operator Menu. You might also Quit the game to Windows desktop and increase the volume via the Speaker icon on the bottom right of your screen. |
| | Verify that the 1/8’’ plug is plugged in the computer’s green sound input jack and that the other end is plugged in the sound amplifier. To verify if it’s plugged properly, power up the unit and try touching the plug at the computer’s end. If you hear a grounding sound it is connected. |
| **Dongle not found** | The USB License Dongle can’t be found. Make sure that the USB Dongle is connected to the computer in a black USB port. |

## Operator Settings keeps resetting trouble

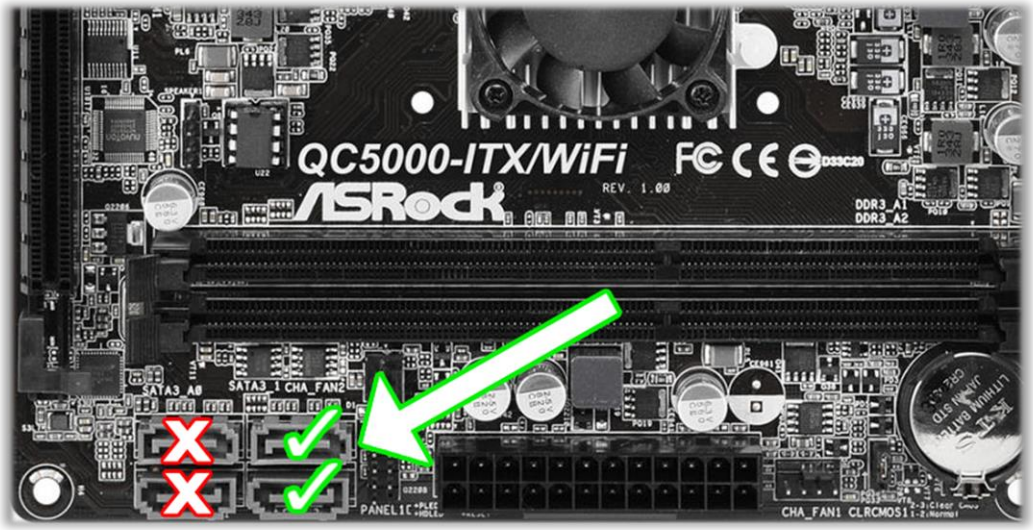
The Windows write cache needs to be disabled.
-Exit the game to Windows.
-Press on Start
-Right click on My Computer
-Choose Properties
-Click on Device Manager
-Expand Disk Drives
-Double click the 32GB Device (Not the USB drive if there is one)
-Go to Policies
-Remove the check in front of “Enable Write caching on the device” as seen below, press OK and then YES to reboot the computer.



If you have a screen that look like this one

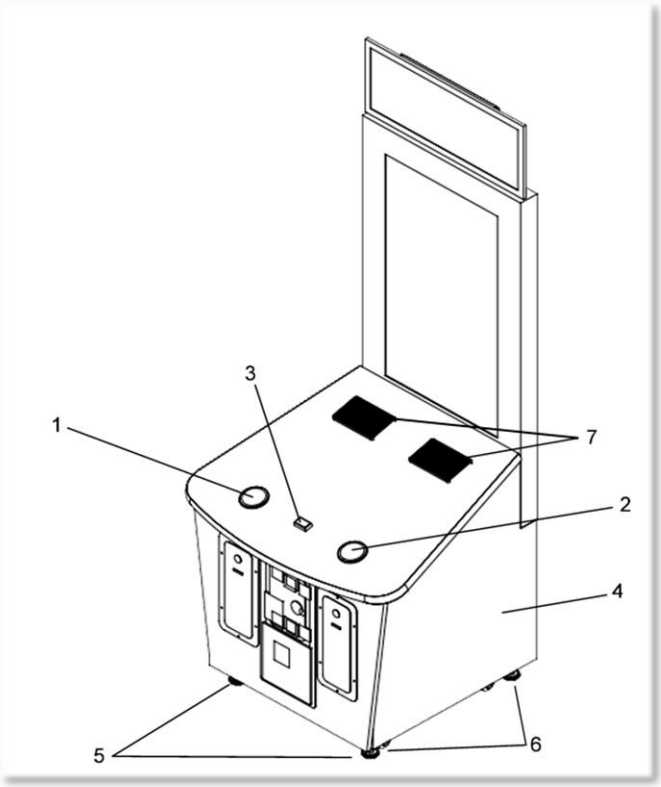



Power off the computer and change the hard drive SATA cable connector and use one of those 2 SATA connectors on the motherboard identified by the green checkmarks.
Power on the unit and redo the instructions to disable the Write Cache.



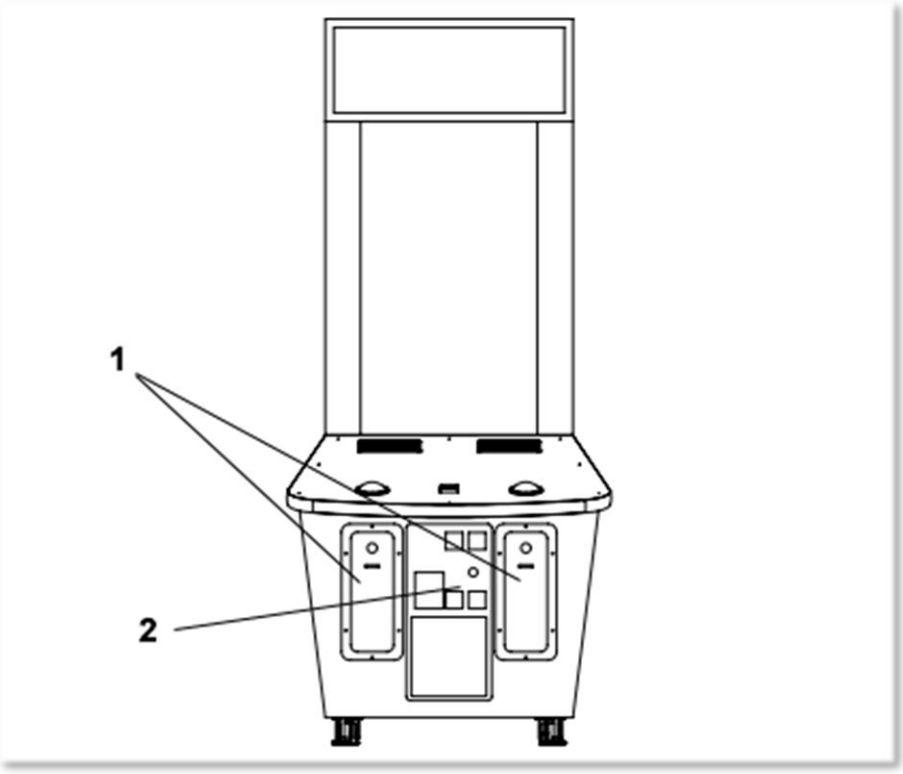
# Chapter 06 - Parts

## Cabinet Parts



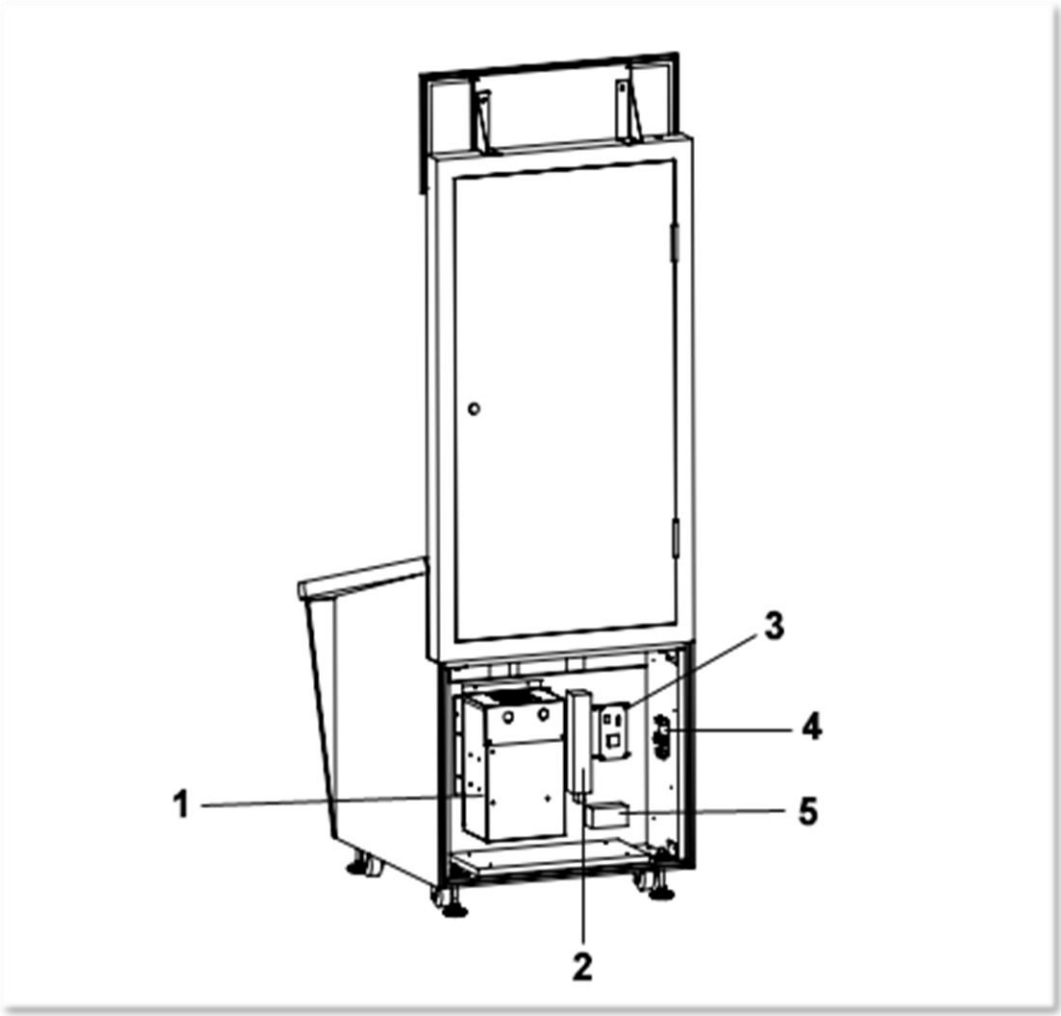

| Ref | Part Description | Part # |
|---|---|---|
| 1 | Jumbo Blue Button | ADR-75-4002-12ZL |
| 2 | Jumbo Red Button | ADR-75-4002-10ZL |
| 3 | White Start Button | ADR-D54-0004-51 |
| 4 | Wood Cabinet | FT-02-1021-M |
| 5 | Pivot Wheels | INV-F25083 |
| 6 | Leg Leveler | INV-62805K-39 |
| 7 | Speakers | ADR-50-9986-00 |

## Cash Box Parts




| Ref | Part Description | Part Number |
|---|---|---|
| 1 | Ticket Door Assembly | ADR-40-0540-00 |
| 2 | Coin Door | ADR-40-3000-06 |
| | Ticket Dispenser Entropy 2000 | ADR-42-1337-00 |
| | Ticket Bin | ADR-42-1015-00 |
| | Meter 7-Digits | ADR-42-08012-072 |
| | Plastic Coin Container | INV-07-1011 |

## Computer & Electronics

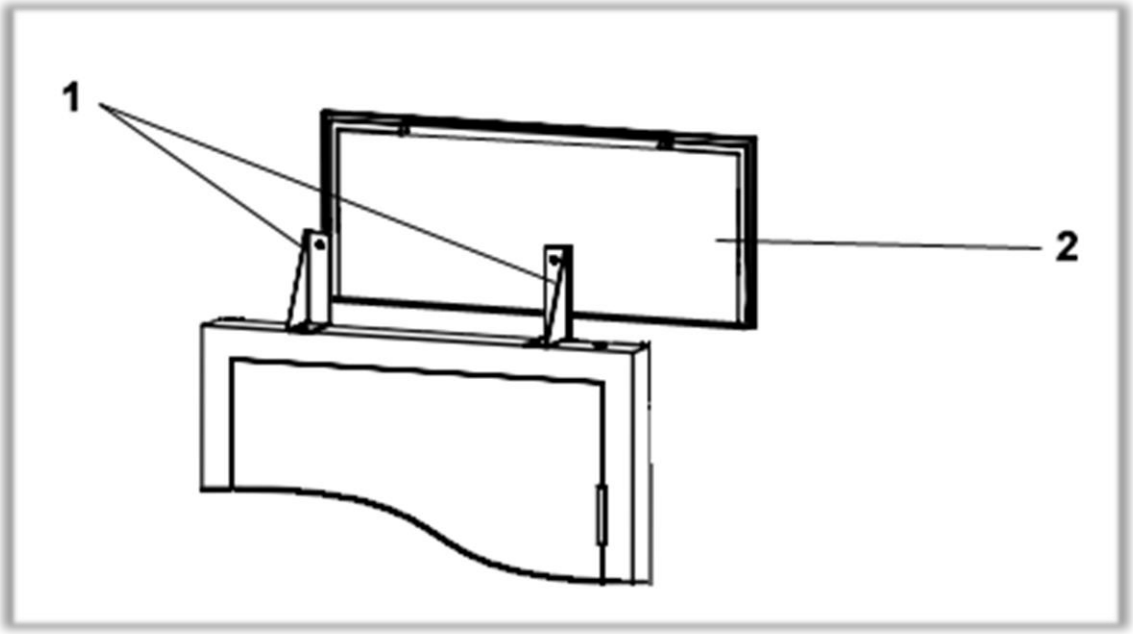



| Ref | Part Description | Part Number |
|---|---|---|
| 1 | Computer | ADR-11-1007-FT |
| 2 | 4 Outlet Power Bar | INV-05-1241 |
| 3 | I/O Board | INV-04-1201 |
| 4 | Audio Amplifier Board | INV-14-0005 |
| 5 | 12VDC 5A Power Supply | INV-14-0006 |
| | 42” Monitor | MNF-01-5051-01 |

# Decal Prints

| Ref | Part Description | Part Number |
|---|---|---|
| 1 | Header (Decal) | FTM-09-1005 |
| 2 | Left Side Decal | FTM-09-1002 |
| 3 | Front Decal | FTM-09-1001 |
| 4 | Right Side Decal | FTM-09-1003 |
| 5 | Acrylic Top Dash Board | FTM-09-1004 |

# Header Parts




| Ref | Part Description | Part Number |
|---|---|---|
| 1 | Header Brackets | TFX-01-1481-Mini |
| 2 | Header (LED Panel) | ADR-09-1017-Mini |

## Cabling

| Part Description | Part Number |
|---|---|
| 3 Feet USB “AB” cable | ADR-USB-AB1-03 |
| Connector Y | TF-05-1223 |
| Header LED Cable (I/O J16) | INV-03-4090 (TF-05-1224) |
| Audio Cable 3.5mm to 2x RCA | INV-35MM-RCAE-06 |

## Wiring Harness

| Part Description | Part Number |
|---|---|
| IO Board (J1 & J3) Buttons & Operator | FT-03-4010 |
| LED Light | FT-03-4020 |
| Ticket Dispensers | FT-03-4030 |
| Coin Cable | FT-03-4040 |
| Cabinet Cable (Fan) | FT-03-4050 |

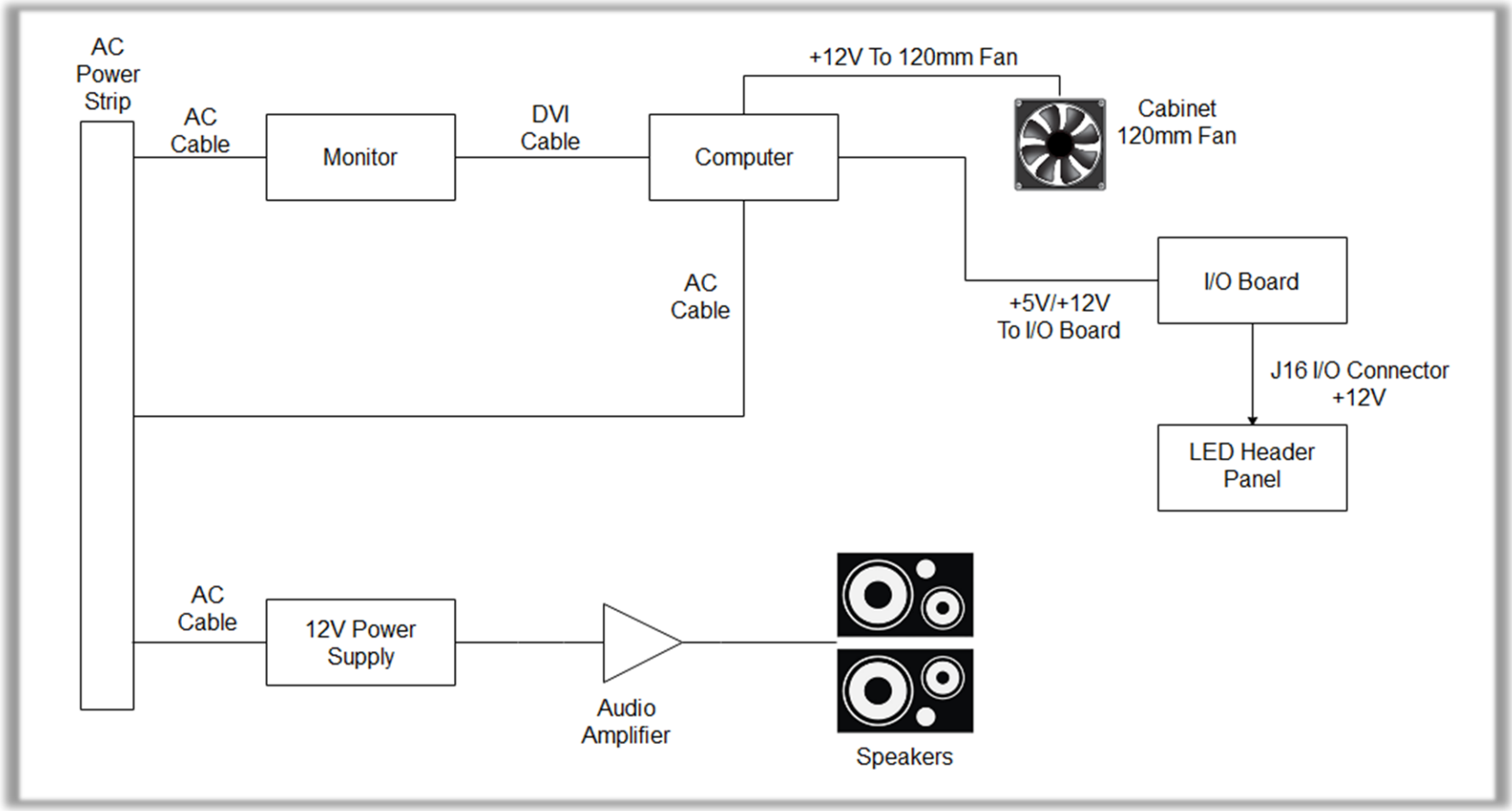
## Computer Parts

| Part Description | Part Number |
|---|---|
| Motherboard AsRock QC5000 | INV-11-1011 |
| Power Supply 500W | ADR-11-EVGA-PS |
| Hard Drive with OS & Game | INV-11-1017 |
| USB restore disk | INV-11-2012 |

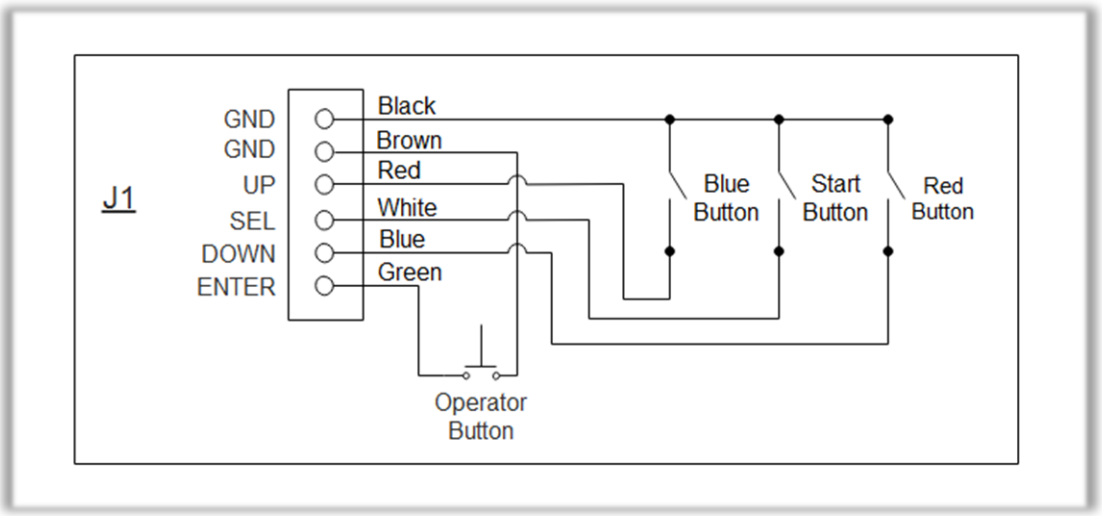
## Monitor Parts

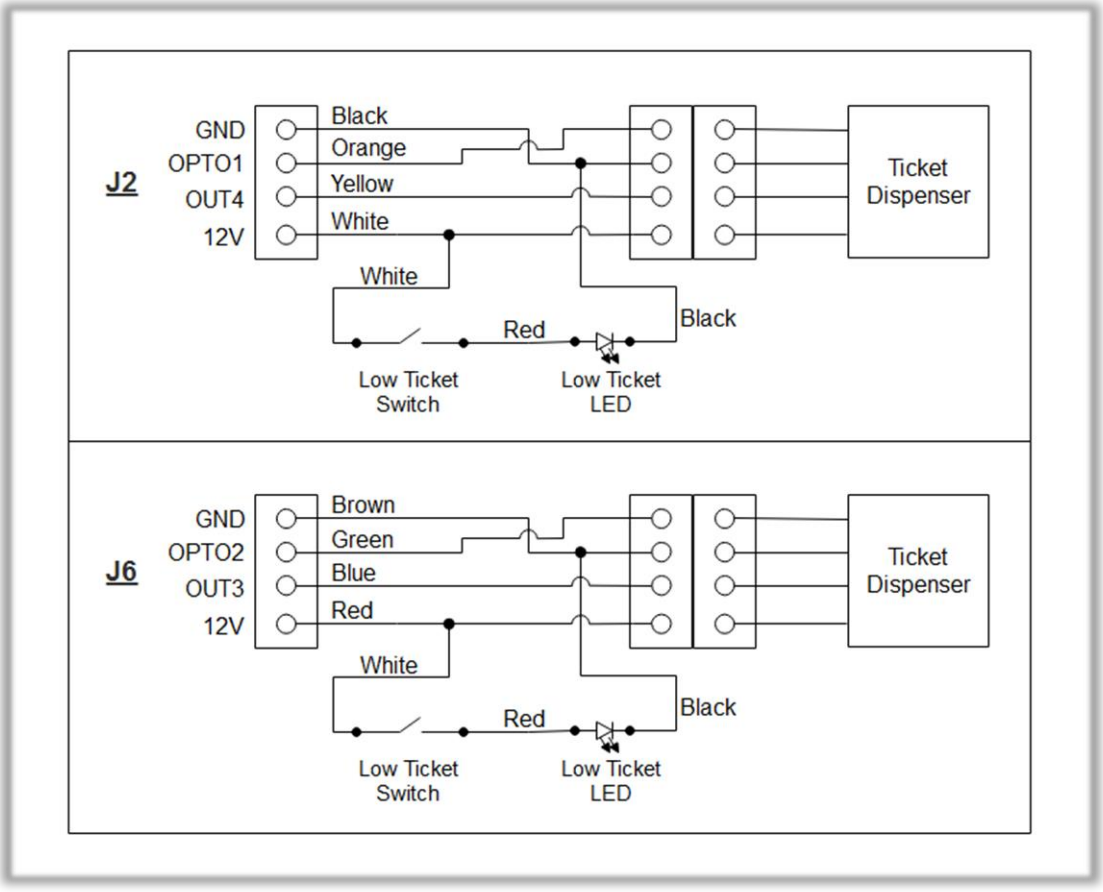
| Part Description | Part Number |
|---|---|
| 42” Monitor Power Board | INV-04-PCB-ZA |
| 42” Monitor Video Board LG | INV-04-AD-LG |
| 42” Monitor Video Board Samsung | INV-04-AD-SMG |

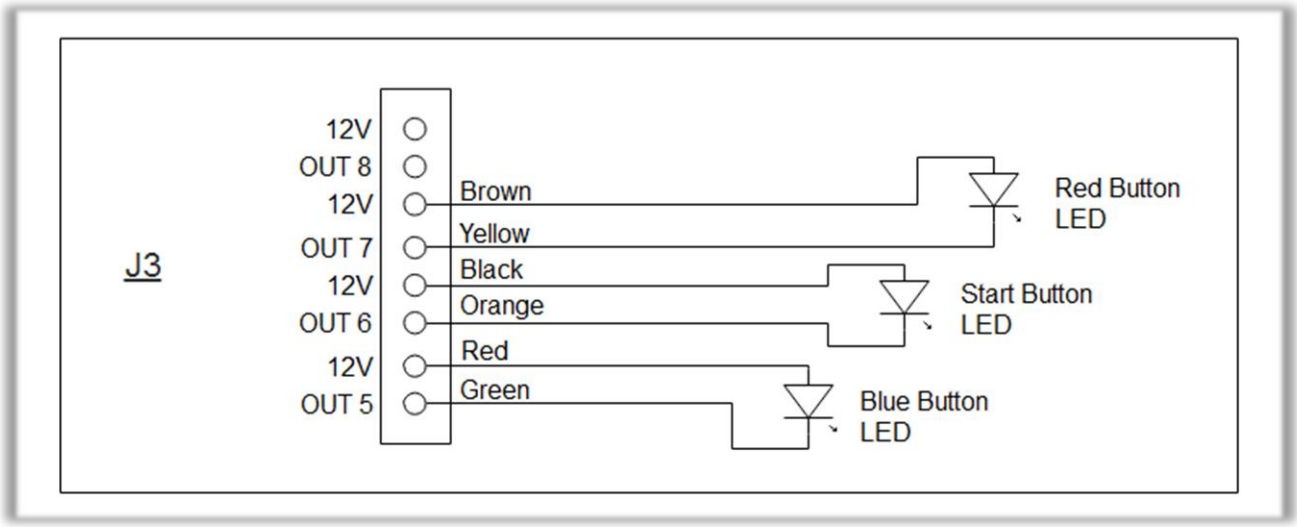
# Chapter 07 – Diagrams & Schematics

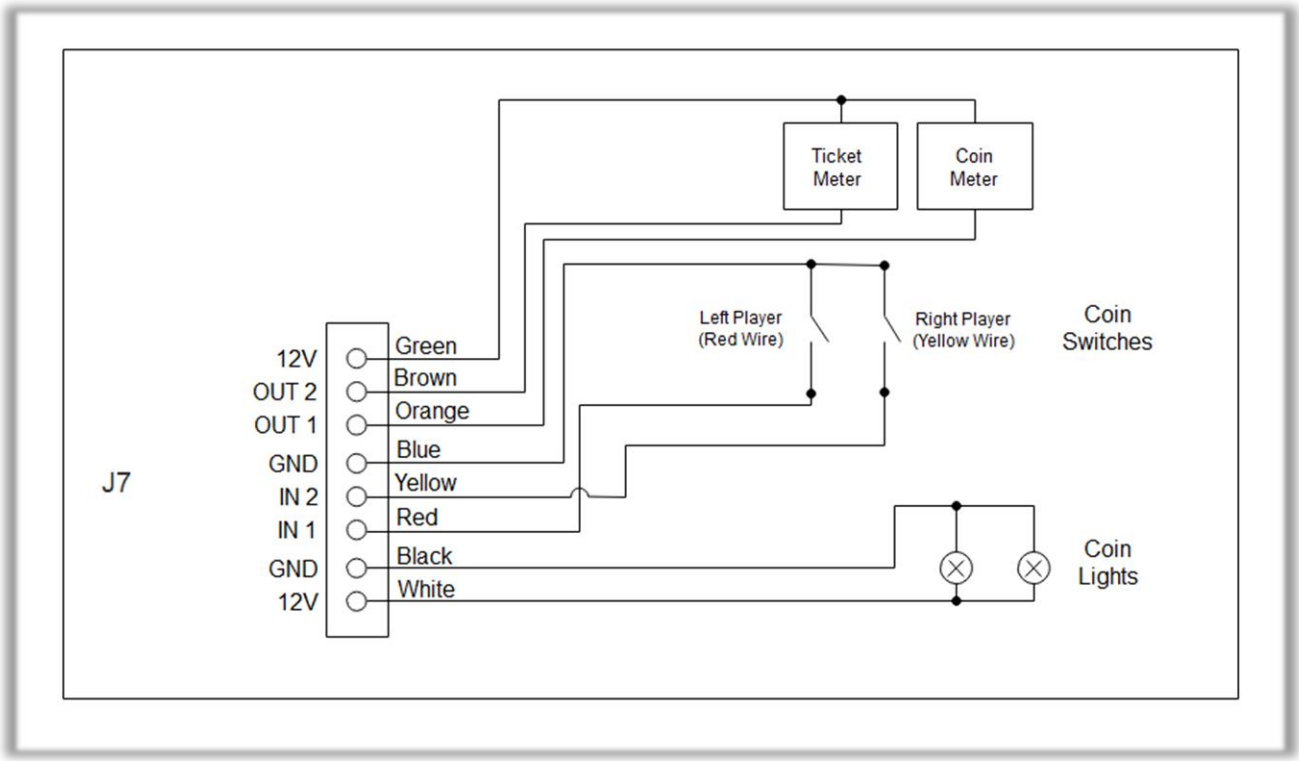


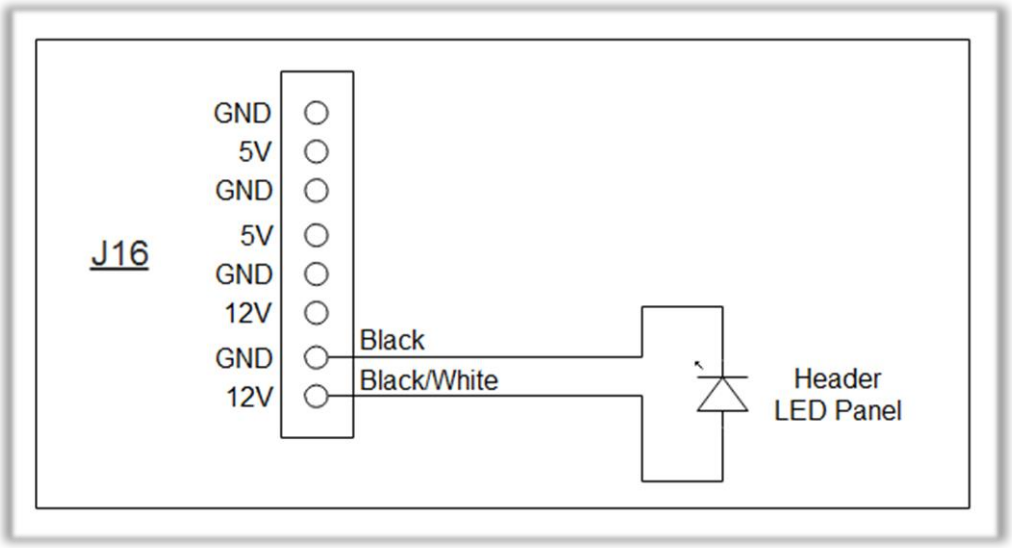
# IO Board Wiring Diagram




J3
12V
OUT 8
12V
OUT 7
12V
OUT 6
12V
OUT 5
Brown
Yellow
Black
Orange
Red
Green
Red Button LED
Start Button LED
Blue Button LED

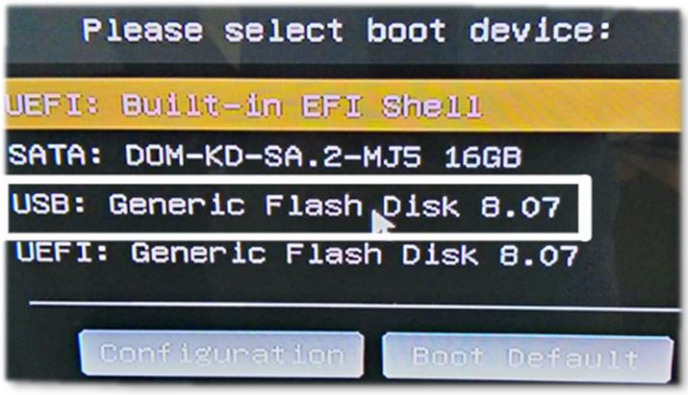

J7
12V
OUT 2
OUT 1
GND
IN 2
IN 1
GND
12V
Green
Brown
Orange
Blue
Yellow
Red
Black
White
Ticket Meter
Coin Meter
Left Player (Red Wire)
Right Player (Yellow Wire)
Coin Switches
Coin Lights


J16
GND
5V
GND
5V
GND
12V
GND
12V
Black
Black/White
Header
LED Panel

# Chapter 08 – Software Recovery

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

- Connect a USB keyboard to the motherboard.
- Verify that the USB Recovery disk is in a ***Black*** USB port.
- Power on the unit.
- Press F11 on your keyboard when the AsRock splash screen is displayed to enter the boot menu.
- Choose *USB:* and press Enter.



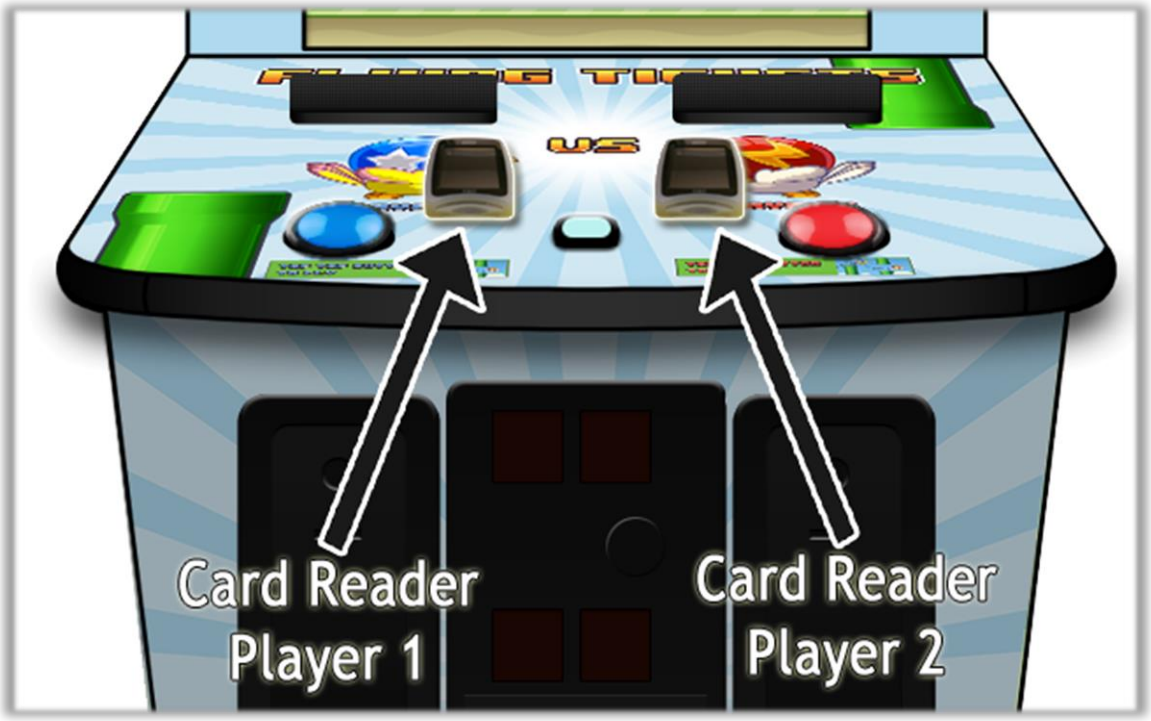

The process takes 25-30minutes and the unit will reboot back in the game at the end. The Wireless credentials will need to be re-entered and Operator settings will be back at the default ones.

# Chapter 09 – Card Reader

**<u>If you use a card reader system, it is important to follow those instructions.</u>**

You need to install 2 card readers, one for each player. We suggest installing them on the dash.

**Please refer to the Operator Menu settings on page 9-10.**

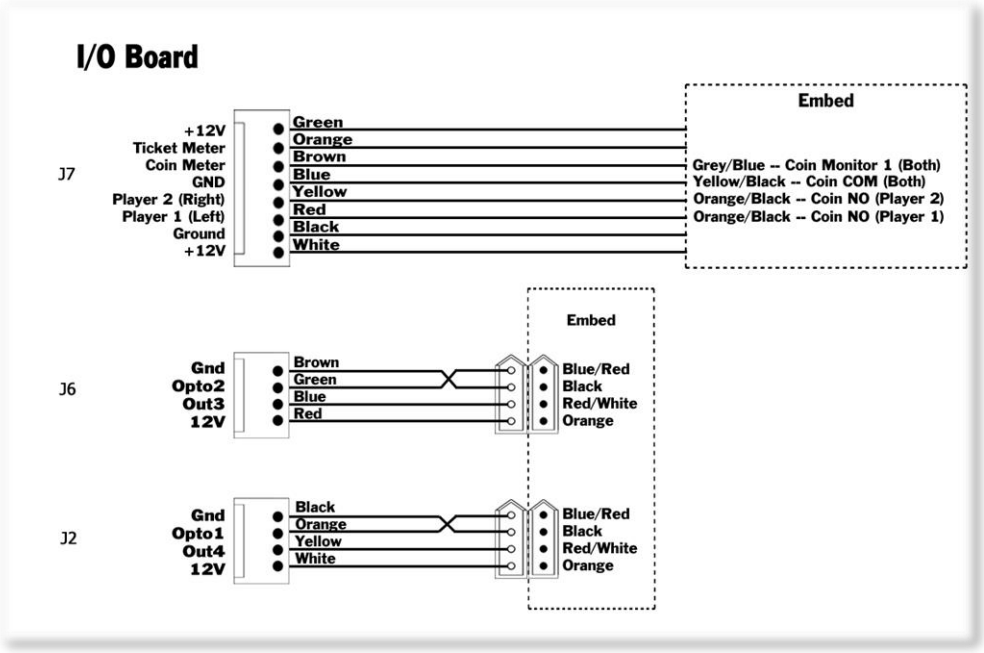


## Embed System

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 but here’s Embed V5 example:

EMBED v5

| Pin | Wire Color | Signal | I/O | Pin | Wire Color | Signal | I/O |
|---|---|---|---|---|---|---|---|
| 1 | Orange | 12 VDC | I | 2 | Orange | 12 VDC | I |
| 3 | Black | Ground | O | 4 | Black | Ground | O |
| 5 | | | | 6 | | | |
| 7 | Orange/Black | Coin NO | O | 8 | Yellow/Black | Coin COM | O |
| 9 | Grey/Blue | Coin Monitor 1 | I | 10 | Grey/Black | Coin Monitor 2 | I |
| 11 | Blue/Red | Game Notch 1 | O | 12 | | | |
| 13 | Blue | Ticket Notch 1 | I | 14 | | | |
| 15 | White | Ticket Drive 1 | O | 16 | | | |
| 17 | White/Red | Game Drive 1 | I | 18 | | | |



# 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.

Customers have 30 days from delivery date to return back the defective equipment at their fees or they will be billed automatically.

Improper servicing or abuse will VOID existing warranties.

All warranty request needs to be validate 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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