



Monster Factory

MF-65-1001

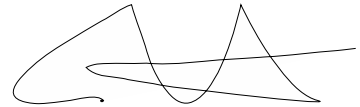
Operation & Service Manual

Version 1.0

*** 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 Monster Factory 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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Table of Contents

Contents

General Remark	2
Table of Contents.....	3
Chapter 01 - Preface	5
Precaution for Game Operation.....	5
Safety.....	6
Environmental Conditions.....	6
Chapter 02 - Game Features.....	7
How to Play	7
Chapter 3 – Unit Features	8
Hardware Features.....	8
Cabinet Facts.....	8
Voltage	8
Chapter 04 - Unit & Headers Installation.....	9
Assembling your Monster Factory Unit	9
Headers Installation	11
Chapter 05 – Wireless Setup, Operator Menu	13
Wireless Setup.....	13
Operator Menu	14
Chapter 06 - Service & Repair.....	17
Computer Connections	17
Troubleshooting	18
Video Troubleshooting.....	18
Audio Troubleshooting	19
Chapter 07 - Parts	20
Cabinet Parts	20

Cash Box Parts	21
Decal Prints & Wood Parts	22
Header Parts.....	23
I/O board INV-04-1200	24
Cabling.....	25
Wiring Harness	25
Misc. Parts	25
Chapter 08 – Diagrams & Schematics	26
IO Board Wiring Diagrams	27
Chapter 09 – Software Recovery	29

Chapter 01 - Preface

Please read this page before preparing your Monster Factory 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

CREATE YOUR MONSTER!

Be a mad monster breeding scientist...
Use the handles to match the right parts!
Get big rewards for a Perfect Match!



How to Play

- You need to match the 3 parts of a Monster
- Spot the “500” when the doors are closing.
- Match the monster below the “500” door to win 500!
- From left to right, hit the handles to stop the legs, bodies and heads!

CREATE YOUR MONSTER



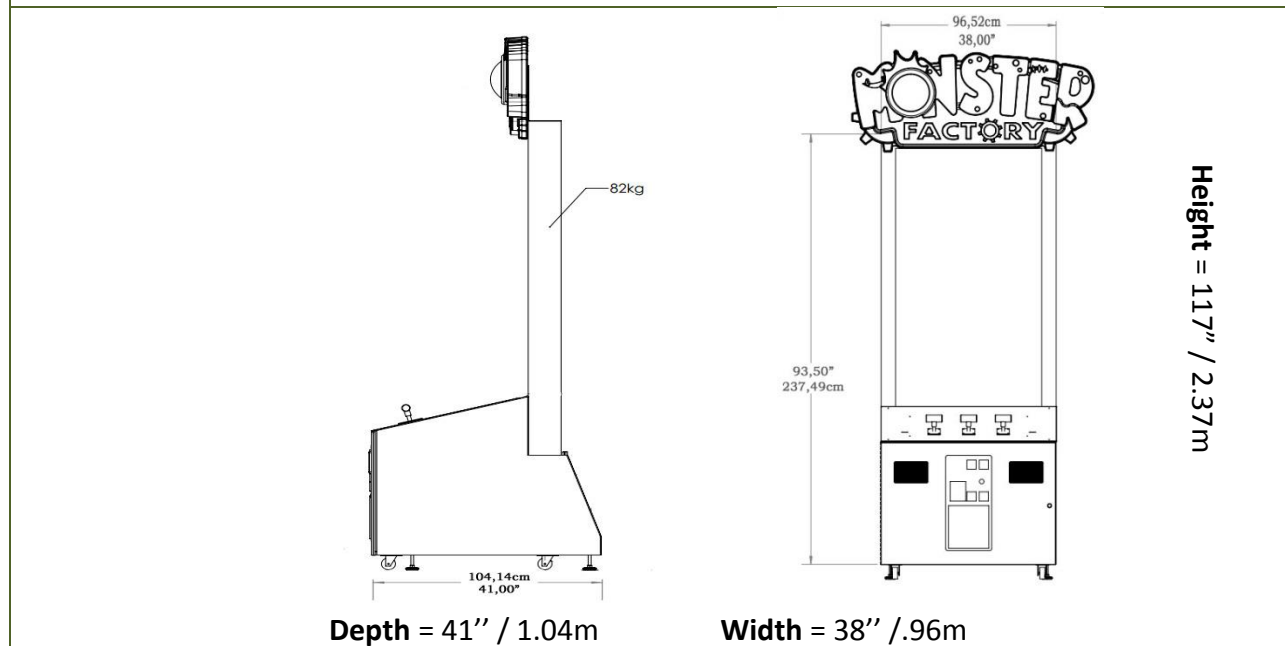
Chapter 3 – Unit Features

Hardware Features

- Giant 65" Monitor
- Dual Ticket Dispenser

Cabinet Facts

Cabinet Dimensions



Shipping Dimensions

Width = 45" Depth = 57" Height = 85"
Weight = 650lbs

Voltage

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

Chapter 04 - Unit & Headers Installation

Assembling your Monster Factory Unit

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

**** For your security, minimum 2 persons are needed to complete the installation ****

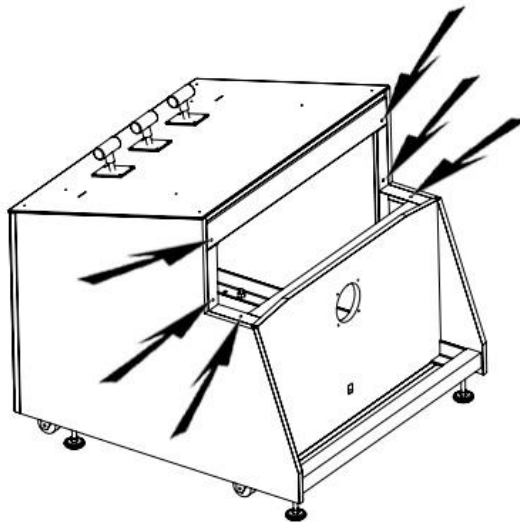


Fig. 1

3. Before installing the monitor, locate the 6 bolt holes as seen on figure 1.

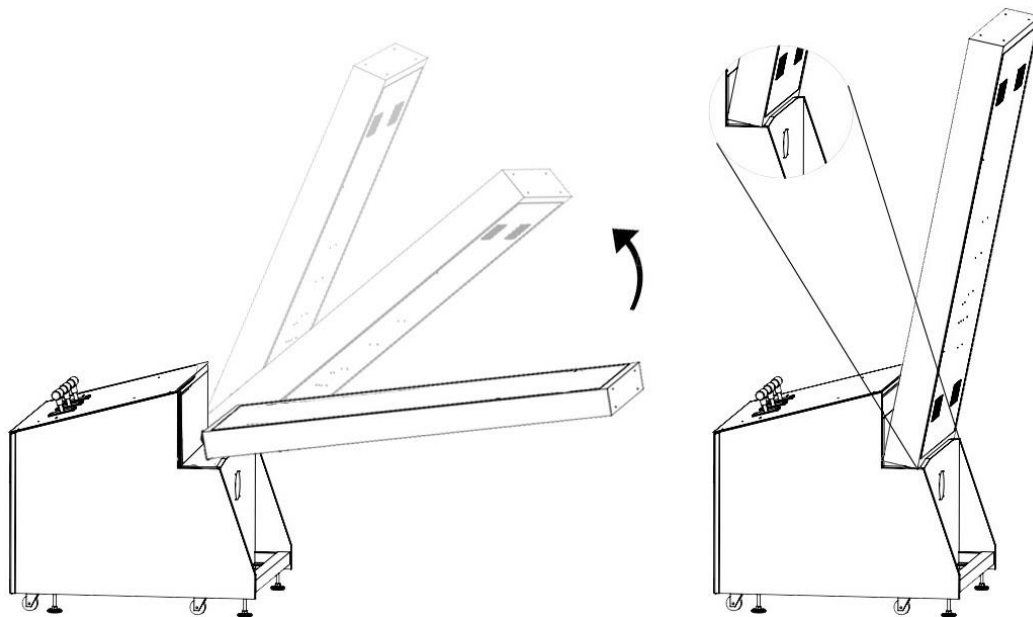


Fig. 2

4. Place the bottom back of the TV over the security support before lifting it vertically.

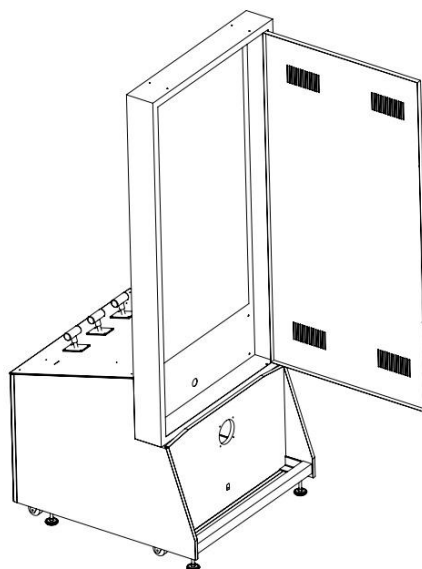


Fig. 3

5. -Affix the 6 bolts and tighten them.

Headers Installation

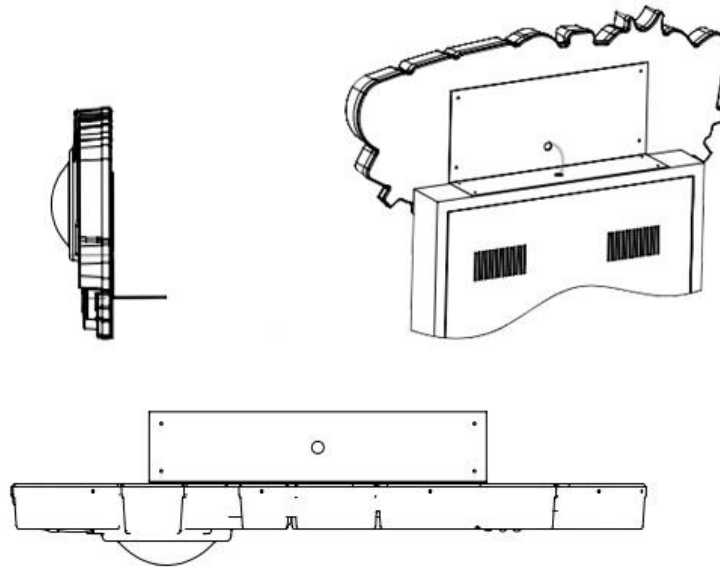


Fig. 4

- Lay down the header on a flat surface.
- Align the bracket with the 4 holes on the back of the header.
- Affix the 4 screws and tighten them
- Using a ladder, fix the header to the monitor using the 4 bolts. The header will be slightly in front of the LED strips.
- Connect the barrel connector.

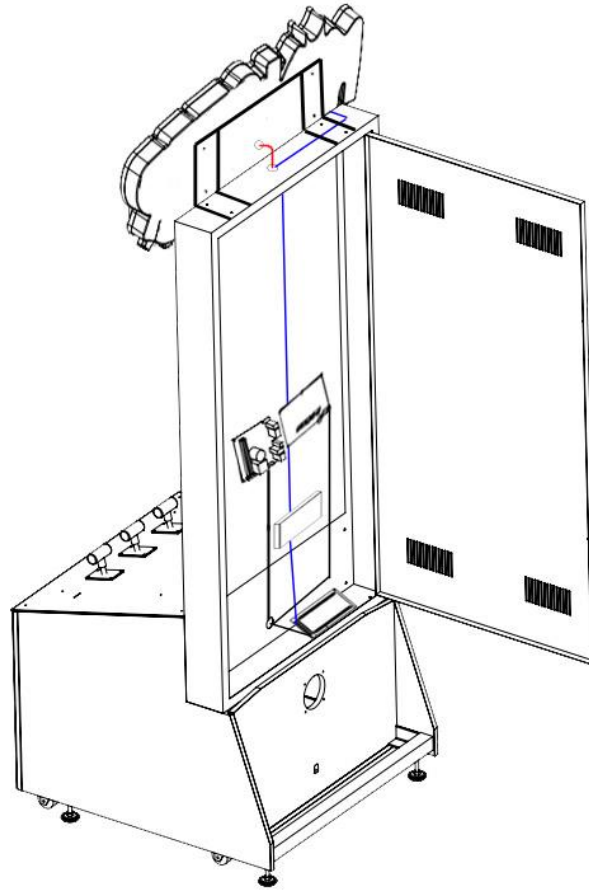




Fig. 5

- Run the monitor DVI cable and the AC through the bottom hole.
- Connect the DVI monitor cable to the Video Card on the computer inside the cabinet.
- Connect the AC power cable to the Surge Protection Power Bar.

Chapter 05 – Wireless Setup, Operator Menu

Wireless Setup

- Once the installation is completed, the unit will boot into Windows.
- The game attractmode will start after displaying the Adrenaline Amusements screen for 150 seconds.
- When the attractmode is playing, open the coin door, press the Operator Button.
- Using the handles, choose “Quit” and go back to Windows desktop.
To navigate through the Operator menu, the left handle is “UP”, right handle “DOWN” and the middle handle is “SELECT”.
- Connect USB Mouse & keyboard in the computer.
- Open Connect to a Network by clicking the network icon ( or ) 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 Wireless security key using the keyboard.
- Once connected, double-click the *Monster Factory* shortcut on the desktop.

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

Operator Menu

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

Left Handle: Scroll Up/Increase Value

Middle Handle: Select

Right Handle: Scroll Down/Decrease Value

OPERATOR MENU

CreditsPerGame	1
NoMatchTickets	10
HeadLegMatchTickets	25
DirectMatchTickets	20
PerfectTickets_Pitzel	20
PerfectTickets_Rastaputine	30
PerfectTickets_Sol	50
PerfectTickets_FrankT	100
PerfectTickets_Gretz	500
GameAudioVolume	15
AttractModeVolume	5
TicketValue	1
PaymentType	Credits
Redemption Unit	Tickets
Expected Payout	30

STATS RESUME QUIT

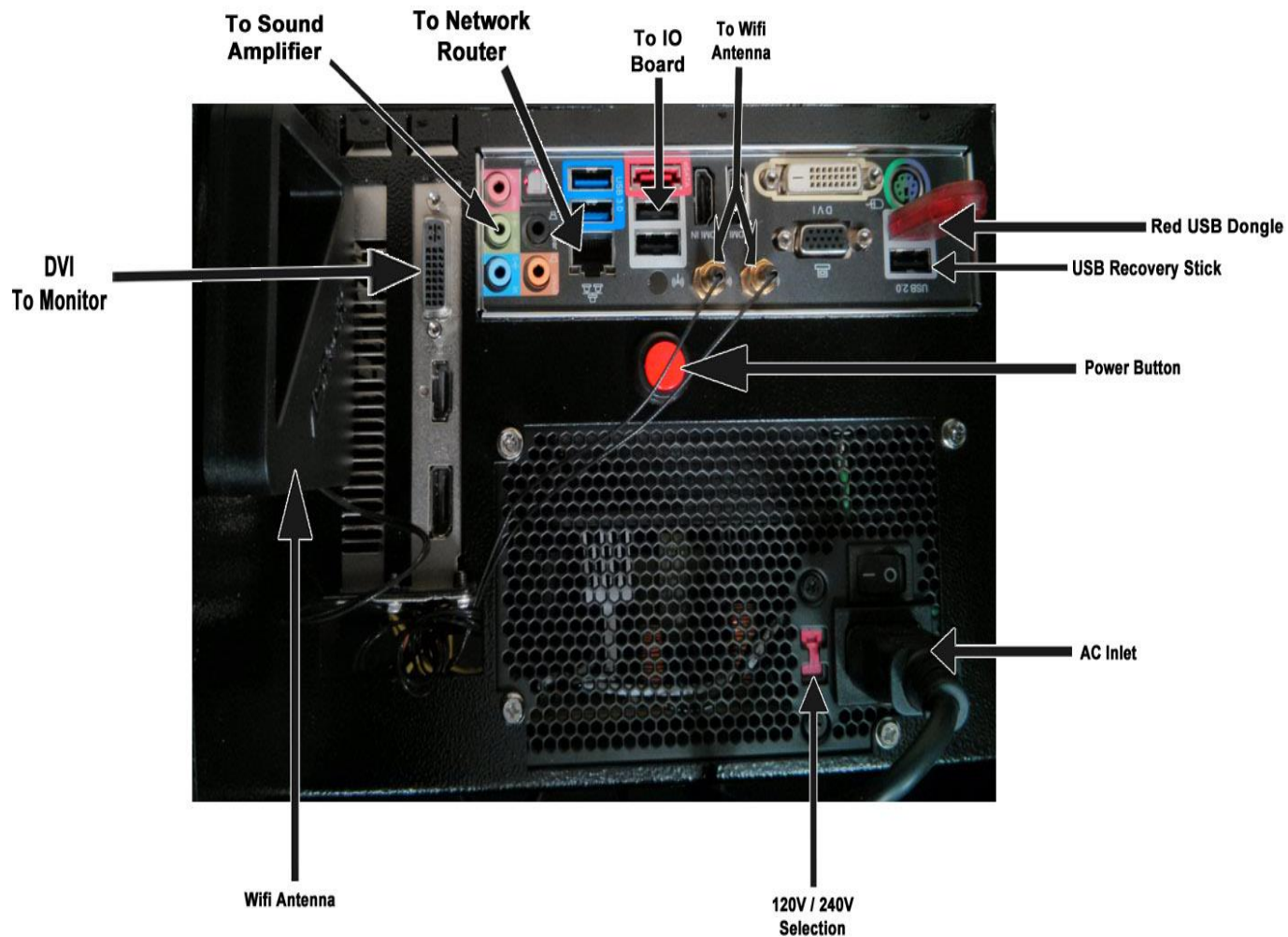
Fig. 6

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.
NoMatchTickets	0 – 500	Adjusts the number of tickets given if there are a no matching Monster parts. (Recommended: 10)
HeadLegMatchTickets	0 – 500	Adjusts the number of tickets given if the head and the legs match a Monster. (Recommended: 25)
DirectMatchTickets	0 – 500	Adjusts the number of tickets given when “legs-body” or “body-head” matches the same Monster. (Recommended: 20)
PerfectTickets_Pitzel	0 – 500	Adjusts the ticket amount for Pitzel (Recommended: 20)
PerfectTickets_Rastaputine	0 – 500	Adjusts the ticket amount for Rastaputine (Recommended: 30)
PerfectTickets_Sol	0 – 500	Adjusts the ticket amount for Sol (Recommended: 50)
PerfectTickets_FrankT	0 – 500	Adjusts the ticket amount for FrankT (Recommended: 100)
PerfectTickets_Gretz	0 – 500	Adjusts the ticket amount for Gretz (Recommended: 500)
GameAudioVolume	0 – 20	Adjusts the in-game audio volume. “0” will mute the game.
AttractModeVolume	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.
PaymentType	Credit/Card	Changes the credit type. “Credits” = Coins and “Card” = Card Reader. This will change the in-game text accordingly.
Redemption Unit	Tickets/Coupons	Adjusts the Displays between “Tickets” or “Coupons”.
Expected Payout	10-75	Adjusts the average ticket awarded per game. “Minimum 10 / Maximum 75”.

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 06 - Service & Repair

Computer Connections



Troubleshooting

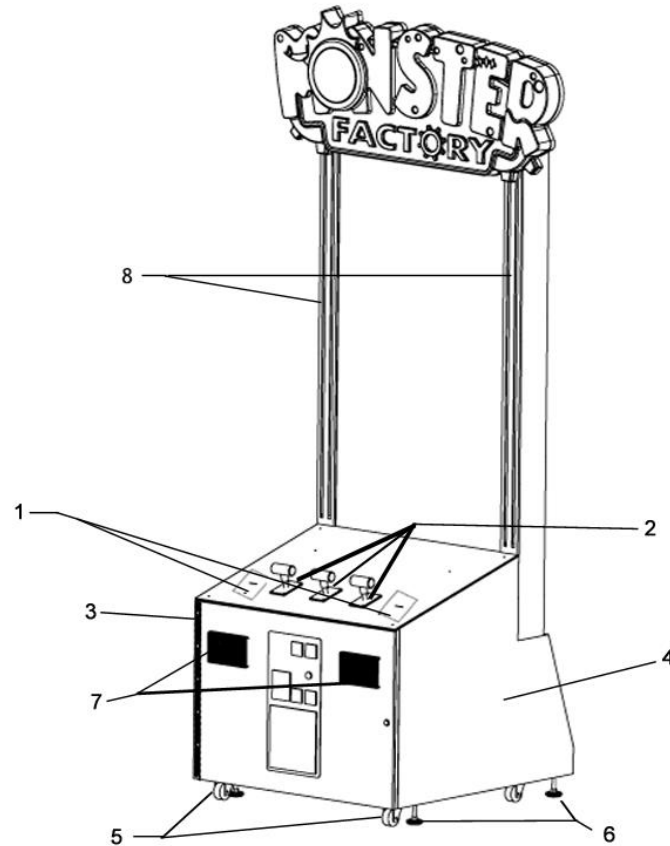
*** NOTE: When requesting a warranty replacement you will be asked to give the unit's serial number from the back of the unit.**

Video Troubleshooting	
No Picture and Sound	To change between Portrait and Landscape mode, press ALT-P (Portrait) or ALT-L (Landscape) 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.
	<p>No power to computer.</p> <ul style="list-style-type: none">• Verify the computer is ON.• Open the front service door and press the RED or WHITE power button.• Make sure that the power plug is well connected.
	<p>The Bios settings have changed, If the computer does not power automatically when the unit is powered on, follow these steps:</p> <ul style="list-style-type: none">• Open the cabinet and plug a USB keyboard in one of the remaining USB ports.• 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.• Using the arrows, select the “Advanced” tab.• Using the arrows, scroll down to the ACPI Configuration option and press the “Enter” key.• Using the arrows, scroll down to the Restore on AC/Power Loss option and press the “Enter” key.• Using the arrows, select the Power On option and press the “Enter” key.

	<ul style="list-style-type: none">• 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.

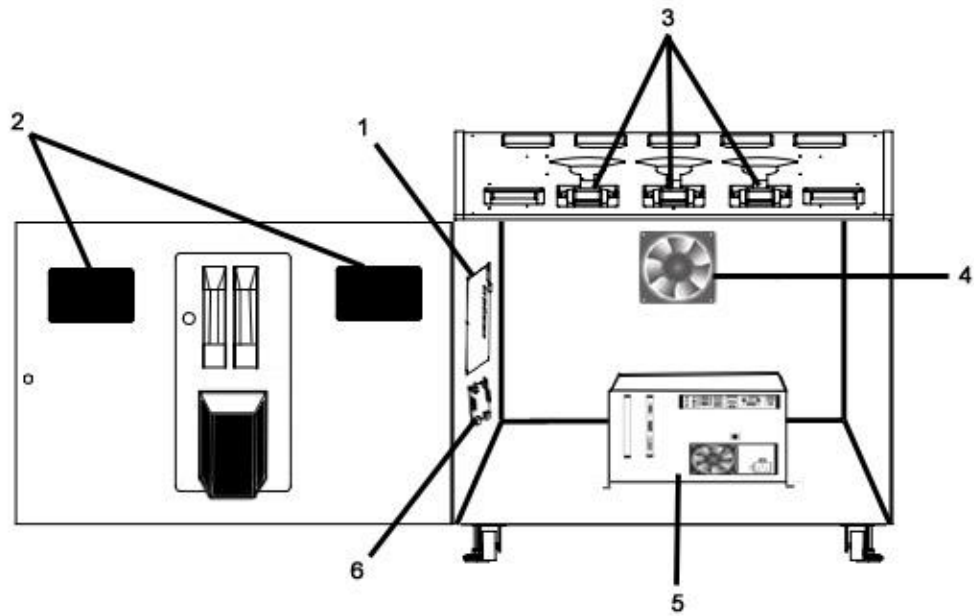
Chapter 07 - Parts

Cabinet Parts



Ref	Part Description	Part #
1	Ticket Feeder Metal Plate Cover	MF-01-2004
2	Up/Down Handles	ADR-50-8115-01
3	Door Hinge 3"	ADR-14-0026
4	Wood Cabinet	MF-02-10221
5	Pivot Wheels	INV-F25083
6	Leg Leveler	INV-62805K39
7	Speakers	ADR-50-9986-00
8	LED Strips	MF-LED-001

Cash Box Parts



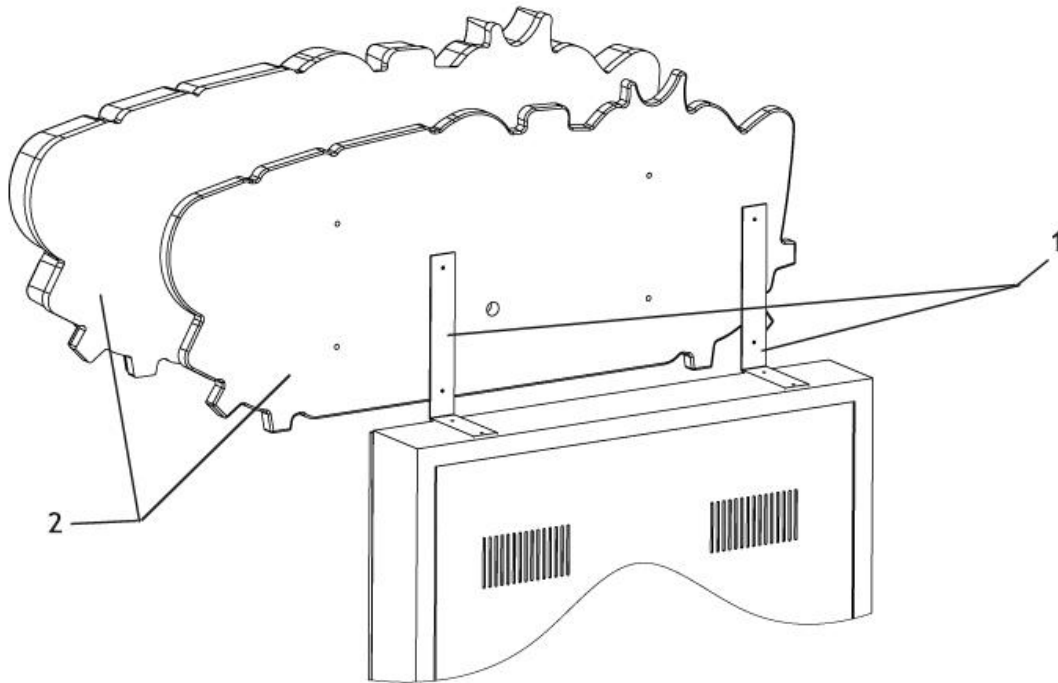
Ref	Part Description	Part Number
1	I/O Board	INV-04-1200
2	Speakers	ADR-80-0210-00
3	Up/Down Handles	ADR-50-8115-01
4	120mm Fan	INV-FAN-120
5	Computer	ADR-11-1009
6	Audio Board Amplifier Sure	INV-14-0005

Decal Prints & Wood Parts



Ref	Part Description	Part Number
1	Header	MF-07-7001
2	Left Side Stickers	MF-09-1002
3	Front Stickers	MF-09-1001
4	Right Side Stickers	MF-09-1003
5	Acrylic Top Plate	MF-09-1004

Header Parts



Ref	Part Description	Part Number
1	Header Support	MF-01-7001
2	Header	MF-07-7001

Cabling

Part Description	Part Number
10 Feet USB "AB"	ADR-USB-AB1-10B
Connector Y	TF-05-1223

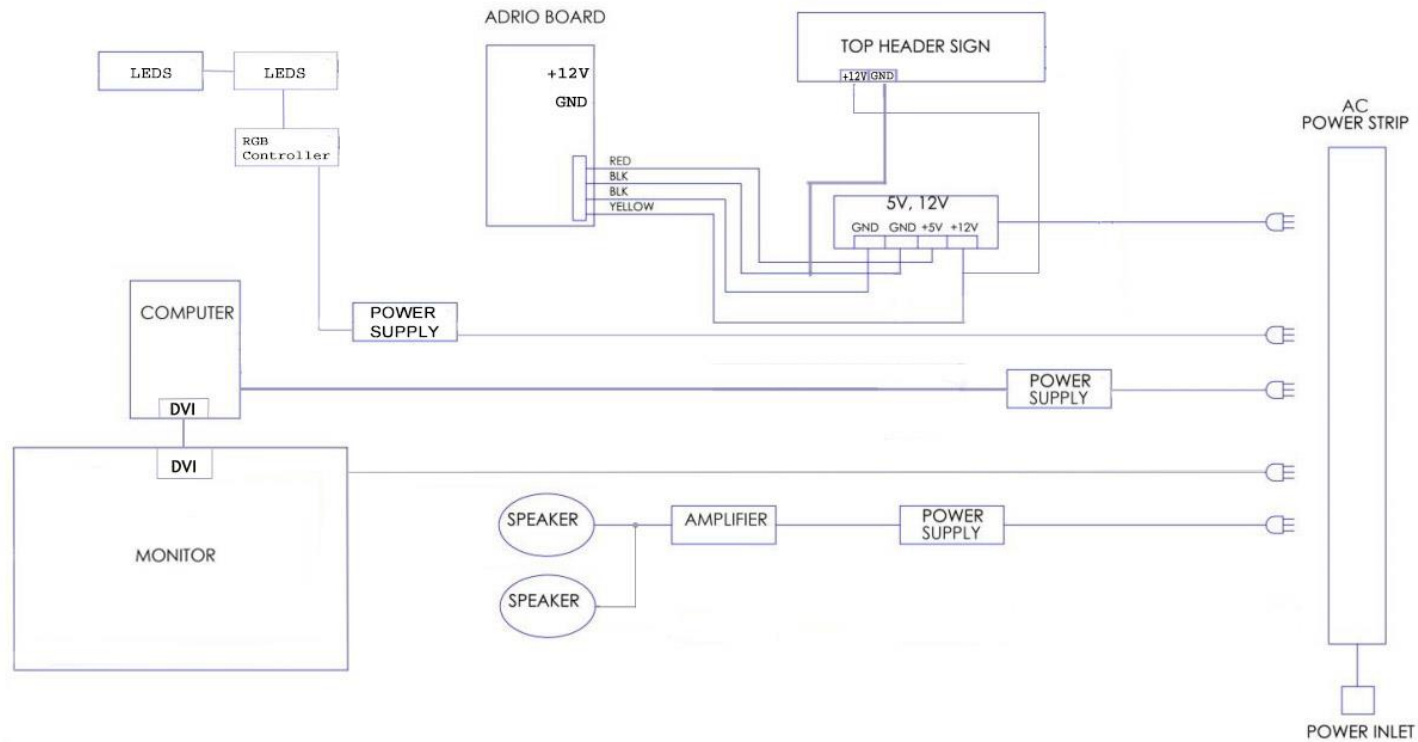
Wiring Harness

Part Description	Part Number
Ticket Cable	INV-03-4070
Power 5-12 Cabinet	TFX-03-4071
Coin Acceptor	INV-03-4020
Low Ticket	TFX-03-4030
Handles & Operator	MF-03-4010

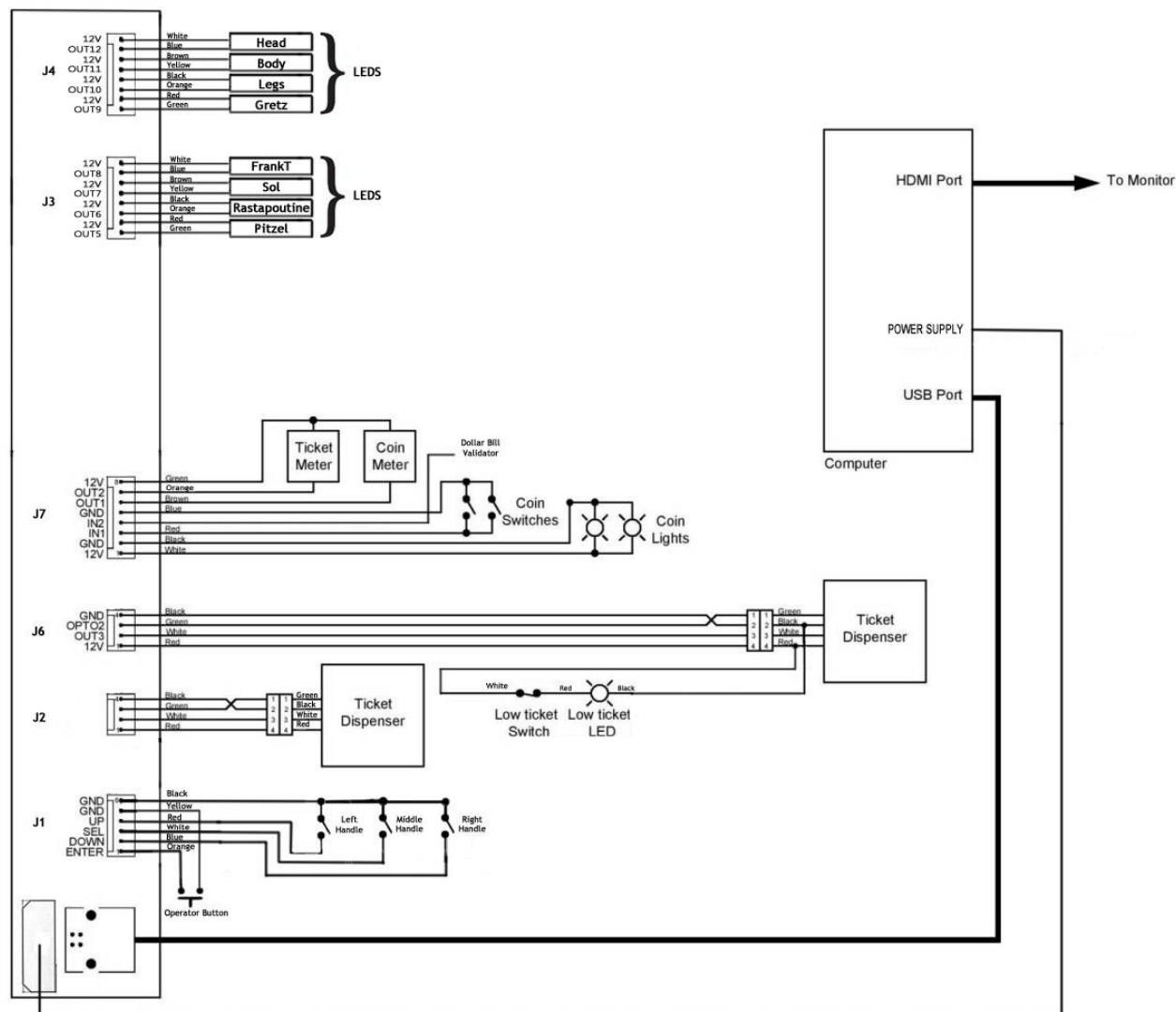
Misc. Parts

Part Description	Part Number
RGB LED Controller	MF-LED-002
5V/12V Power Supply	ADR-80-0210-00

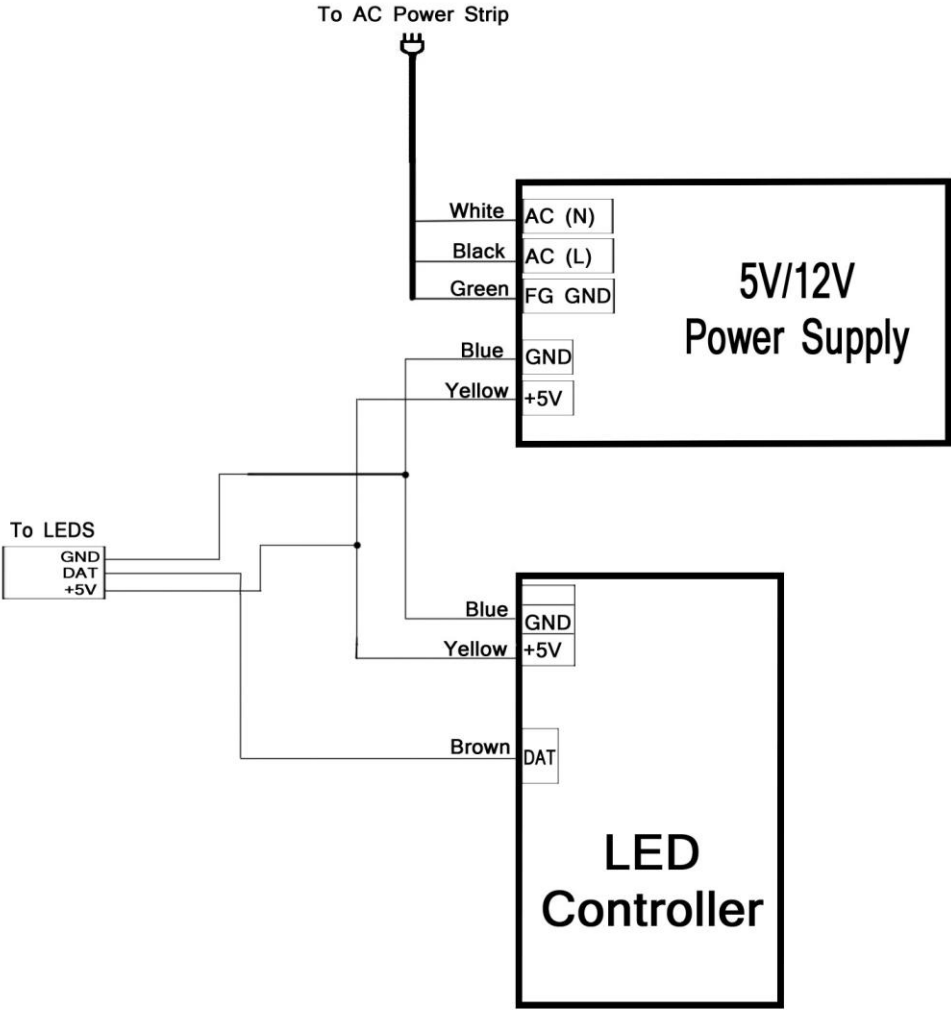
Chapter 08 – Diagrams & Schematics



IO Board Wiring Diagram



LED Controller Wiring Diagram



Chapter 09 – Software Recovery

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

- Connect a USB keyboard to the motherboard.
- Power on the unit.
- Press F11 on your keyboard when the AsRock FM2A88 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.