



MOTION

DRK-106-2001



Operation & Service Manual

Version 4.2

* Read this manual before use

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General Remark

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

Adrenaline Amusements Team

Adrenaline Amusements 2273 Antonio-Héroux Street Terrebonne, QC Canada J6X 4R3

Chapter 01 - Preface

Please read this page before preparing your Drakons Motion 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).
- 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.

• 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

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 <u>temperatures of 59° - 86°F (15° - 30°C).</u>

Electrical Power

This game cabinet is shipped configured as either 120V or 220V and is not user switchable. Do not attempt to change the voltage switches on the power supplies to change the required <u>voltage.</u>

Warning : Before obtaining access to terminals, all supply circuits must be disconnected.

UNITED STATE / CANADA		
Voltage	Operating	
120V AC	Entry #1: 8 Amps	
60 Hz	Entry #2: 10 Amps	

INTERNATIONAL	
Voltage	Operating
220V AC	Entry #1: 8 Amps
50 Hz	Entry #2: 5 Amps



Chapter 02 - Game Features

Soar on a gigantic dragon, shoot enemies, and conquer new realms in this thrilling, high-flying RIDE.

How to Play

- Take Your Seat: Find your spot and grab hold of the turret directly in front of you. Take note of your assigned color (either blue or green). •
- Target Acquisition: Scan the screen for enemy targets and maneuver your turret until your crosshair aligns with them. ٠
- Fire Away: Press the trigger to unleash fireballs upon your selected target. There's no need to hold back, as ammunition is unlimited. Keep the trigger • pressed to maintain a continuous barrage of fire.
- Utilize Power-Ups: Keep an eye out for the FIRE power-up icon. Shooting it activates and grants you control over the dragon's fiery breath for a limited ulletduration.



Harness the Dragon's Might: The dragon's breath amplifies your destructive capabilities, offering a potent boost to your firepower. •



Chapter 03 - Unit Features

Hardware Features

- 2 Players Game
- Game control for each player
- 106 inches LED Screen





	Dept in Inch.	Widht in Inch.	Height in Inch.	Weight in pounds.
1	42	89	74	700
2	35	42	84	200

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Cabinet facts & Dimensions for 2 players

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Chapter 04 - Unit installation



Hardware kit



<u>Ref</u>	Part Description	<u>Part Number</u>	QTY
1	Button Head Screw, Hex Drive, Black, 1/4-20x 1"	BS-HRO-BS-1/4-20x1	14
2	Steel Header's Support, Drakons Header	DRK-01-0100	2
3	Plastic Screen Corner For Drakon	DRK-07-0061	4
4	Button Head Screw, Hex Drive, Round Head, Black Steel, M8 x 35MM	BS-HH-BS-M8X35MM	6
5	Button Head Screw, Hex Drive, Round Head, Black Steel, M8 x 45MM	BS-HH-BS-M8X45MM	6
6	Rounded Head Particle Board Screws, Quadrex, Black, #8 x 3/4"	PS-PP-BS-N08X3/4	8
7	Standard Keyboard And Mouse KIT	INV-11-1015	1
8	Bridge assy, screen Cabinet, Drakon	DRK-01-0200	1
9	Cache-Fil Plastique Blanc 2.5" X 72" Long	AAG-07-0010	1

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How to assemble your DRAKONS - Motion

1) Start by removing the base cover. Unscrew the 5 black screws and lift the cover up, keep the screws for step 18.



2) Remove the Left and Right plywood brackets of Screen by unscrewing 4x M6 Allen Key Bolts and 4x M6 Philips Bolt and discard.



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3) Straighten the Top Screen to its vertical position and maintain it in place.



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4) Remove the Top Rear Door on the back of the screen. Untighten the 4 top screws of the rear panels.



5) Access the 2x M8 x 12mm screws already in place from inside the cabinet and tighten.



6) Pull the top of the rear panels and remove the back doors of the screen cabinet in order to access the 2x M8 x 12mm screws under the top side of the screen.



7) Access the 2x M8 x 12mm screws already in place from inside the cabinet and tighten.



8) Screw back the Rear panels and the covers.



9) Before installing the screws, connect the Cables & Install the Right Led Assembly by tightening the <u>6x M8 x 35mm</u>.



10) Before installing the screws, connect the Cables & Install the Left Led Assembly by tightening the <u>6x M8 x 35mm</u>.



11) Install 4x Screen corner with 8x screws.





12) Install DRAKON HEADERS. Use 2x DRK-01-0100 WITH 8x BS-HRO-BS-1/4-20x1





13) Connect <u>LED</u> headers



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14) Place the seat module in front of the screen. Make sure the distance between the screen module and the motion module is at least 24.5In (648mm) to ensure the installation of the Wire Cover Bridge.



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15) Pass the wires through the <u>protector</u> and Install the wire cover bridge between



16) Connect the cables and the air tube from the seat module to the screen module.



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17) Secure the Wire Cover Bridge on both side with the motion module.



18) Install the wire cover using five **10-24 3/4** screws and the base cover using the screws from step 1.



Plug-in

1) Plug the arcade into the power source, United States/Canada (120V)



Plug-in

1) Plug the arcade into the power source, International (220V).

It's important to connect the air compressor to a separate power intel without being on the same 15 Amp breaker.







2) When you are pleased by the arrangement of the machines, secure them by fixing all the leveling mounts of the arcade.



Chapter 05 – Operator Menu

Operator Menu

Access the Operator Menu by pressing the white operator menu button behind the coin door.





Settings



perator Menu	Values	What It Does
	<u></u>	Adjusts the in-game audio volume. "0" will mute the
me Audio Volume	0-20	game.
ract Audio Volume	0-20	Adjusts the volume of the voice attract loop.
		"0" Will mute
Language	English/Français	Switches the game and the menu's language
Clear Credits		Resets the Inserted credits to 0 if more than 40 credits
		are entered.
Resume Game		Exits the Operator Menu and returns to the game.
Quit Game		Exits the game and returns to the Windows desktop.

Payments



Operator Menu	<u>Values</u>	What It Does
Swipes per Game	01-20	Set Price per Play
Credit Sharing	on/off	Apply Credit on player #1 or #2
		Changes the credit type:
Payment Type		* Credit = Coins
	Credit or Card	* Card = Card Reader
		This will change the in-game text
		accordingly
Clear Credits		Resets the Inserted credits to 0 if more than 40 credits are entered.
Resume Game		Exits the Operator Menu and returns to the game.
Quit Game		Exits the game and returns to the Windows desktop.

Statistic



Network option



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The left menu

The left menu is a quick status overview of the state of the cabinet.

BUILD	This is the version number of the game software
DEVICE ID	The unique ID of your machine
IRMWARE	Pneumatic control board

SELECT THE DESIRED WIFI NETWORK!

Network option

Network connections sections

It is strongly recommended to connect game to your local Wi-Fi internet access. This will enable the game to download updates automatically. The lower part of the screen will allow you to connect to an available WIFI network. The network must be password protected. You move to the network you want to connect to, press the pedal, then enter the network's password. The icon below the "Internet" label will tell you if you are connected or not to the WIFI network and the signal strength.
Diagnostic



ESSURE	Adjust line pressure 50 PSI. +/- 5 PSI	
IE SPRING PRESSURE	RE Adjust spring pressure	
	Preset distance for installation	
	Preset distance for installation	
	Calibrate Gyro	
ON TEST	Do not use	
US	Used to test valve manually	
	Used to modify certain adjustments to your equipment	
	Is used to validate the correct operation of certain equipment functions	
TURRETS	Follow instruction	
IBRATION	Validation of the sound system calibration	
	Exits the Operator Menu and returns to the game	
	Exits the game and returns to the Windows desktop.	

Input test



THE SQUARE WILL TURN GREEN IF THE VALIDATION OF THE EQUIPMENT'S OPERATION IS POSITIVE.

IF THE SQUARE REMAINS BLACK, CONTACT TECHNICAL SUPPORT TO DETERMINE THE SOURCE OF THE PROBLEM.

Sound Calibration



PRESS THE ALL THE INDIVIDUAL ICONS TO CONFIRM THAT ALL COMPONENTS OF THE ACOUSTIC SYSTEM ARE FUNCTIONING CORRECTLY.

Valve Status

*N.B. If you see a red indicator in the table, it is important to note that you have a fault. It is therefore important to contact technical support.



Valve test

*In this menu, if you need to modify the valve pressure, it is important to use the mouse to make the modification in order to select on D or I.



Chapter 06 - Parts



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18

Part Description	Part #	<u>QTY</u>
Floor Melamine, Seat Cabinet, Drakon	DRK-02-0010-01	1
Rear Right-Side Melamine, Seat Cabinet, Drakon	DRK-02-0010-02	1
Rear Left Side Melamine, Seat Cabinet, Drakon	DRK-02-0010-03	1
Front Right-Side Melamine, Seat Cabinet, Drakon	DRK-02-0010-04	1
Front Left Side Melamine, Seat Cabinet, Drakon	DRK-02-0010-05	1
Back Hinge Slot Melamine, Seat Cabinet, Drakon	DRK-02-0010-06	1
Slim Front Melamine, Seat Cabinet, Drakon	DRK-02-0010-07	1
Footstep Melamine, Seat Cabinet, Drakon	DRK-02-0010-08	2
Angle Footstep Melamine, Seat Cabinet, Drakon	DRK-02-0010-09	4
Right Side Gun Holder Melamine, Seat Cabinet, Drakon	DRK-02-0020-03	1
Left Side Gun Holder, Melamine, Seat Cabinet, Drakon	DRK-02-0020-02	1
Speakers Holder Gun Holder Melamine, Seat Cabinet, Drakon	DRK-02-0020-05	1
Bottom Gun Holder Melamine, Seat Cabinet, Drakon	DRK-02-0020-04	1
Back Gun Holder Melamine, Seat Cabinet, Drakon	DRK-02-0020-01	1
Base Seat Plywood Floor Panel, Seat Cabinet, Drakons	DRK-02-0001-01	1
Seat Panel, Seat Cabinet, Drakon	DRK-02-0011	1
Liners For Base Seat Plywood Floor Panel, Seat Cabinet, Drakons	DRK-02-0001-03	2
Air Spring Shims, Seat Cabinet, Drakons	DRK-02-0001-02	4

Screen cabinet



<u>Ref</u>	Part Description	<u>Part #</u>	QTY
1	Screen Cabinet Plywood Floor, Drakon	DRK-02-0003-1	1
2	Left Side Screen Melamine Cabinet, Drakon	DRK-02-0003-2	1
3	Right Side Screen Melamine Cabinet, Drakon	DRK-02-0003-3	1
4	Melamine Top Screen Cabinet, Drakon	DRK-02-0003-4	1
5	Back Screen for Screen Melamine Cabinet, Drakon	DRK-02-0003-5	1
6	Melamine Screen Cabinet Front Panel Bottom Screen, Drakon	DRK-02-0003-6	1
7	Cover Across Support Screen Melamine Cabinet, Drakon	DRK-02-0003-7	1
8	Cover Support Screen Melamine Cabinet, Drakon	DRK-02-0003-8	2
9	Back Doors Screen Melamine Cabinet, Drakon	DRK-02-0003-9	2
10	Doors Stopper Screen Melamine Cabinet, Drakon	DRK-02-0003-10	2
11	Middle Back Screen Melamine Cabinet, Drakon	DRK-02-0003-11	1
12	Back EMI Mounting Screen Melamine Cabinet, Drakon	DRK-02-0003-12	1
13	Left & Right Upper Sides Liners Screen Melamine Cabinet, Drakon	DRK-02-0003-13	2
14	Left & Right Bottom Sides Liners Screen Melamine Cabinet, Drakon	DRK-02-0003-14	2
15	Inside Electronic Shelf Screen Melamine Cabinet, Drakon	DRK-02-0003-15	1
16	Screen Melamine Cabinet Fans Holder, Drakon	DRK-02-0003-16	1
17	Back Screen Cover, Screen Melamine Cabinet, Drakon	DRK-02-0003-17	2
18	Top Back Screen Cover, Screen Melamine Cabinet, Drakon	DRK-02-0005	1

Seat assembly



Ref	Part Description	Part #	<u>QTY</u>
1	Rounded Head Screw, Phillips, Black M4-0.7X6MM	MS-PRO-BS-M4-0.7X6MM	8
2	Back Seat Led Cover	NFSM-07-0017	1
3	Back Upper Arrow LED Shim	NFSM-02-0006-01	1
4	Back Middle Arrow LED Shim	NFSM-02-0006-02	1
5	Back Bottom Arrow LED Shim	NFSM-02-0006-03	1
6	Seat Sticker Cover	NFSM-09-0002	1
7	Top Seat Base	NFSM-02-0002-01	1
8	Bottom Seat Base	NFSM-02-0002-02	1
9	Back Seat RGB Strip Start, NFS	AAG-14-0021	1
10	Back Seat RGB Strip End	AAG-14-0020	1
11	Seat Slider	AAG-01-0007	1
12	Hex Head Screw, Yellow Zinc, 3/8-16x3/4"	HS-HH-YS-3/8-16x3/4	4
13	Flat Washer, 3/8", USS, Zinc, 1" OD	FW-Z-3/8-1	12
14	Socket Head Screw, Black-Oxide, Steel, M8-1.25x65MM	MS-HSO-BS-M8x65MM	4
15	Seat LED Bottom Cover	NFSM-07-0010	1
16	Front Seat RGB Strip, NFS	AAG-14-0019	1
17	Side Seat RGB Strip, NFS	AAG-14-0018	2
18	Tee Nuts, Zinc Plated, 3/8"-16, 0.501" Installed Length	TN-Z-3/8-16	4
19	Seat LED Cover	NFSM-07-0009	1
20	Black Mold Seat	AAG-07-0008	1
21	Back seat Arrow, NFS	AAG-14-0022	1
22	Seat Back Top Plate	NFSM-07-0018	1

Plastic parts



<u>Ref</u>	Part Description	<u>Part #</u>	<u>QTY</u>
1	Plastic Sheet Dash, Seat Cabinet, Drakon	DRK-07-0010	1
2	Turrets Holder Plastic, Seat Cabinet, Drakon	DRK-07-0042	1
3	Shim 3/4 Black PVC for Acrylic Sign	DRK-07-0115	1
4	Acrylic Sign 0.220 Drakons Realm Keepers	DRK-07-0114	1
5	Plastic Turrets Wire Cover, Seat Cabinet, Drakon	DRK-07-0001	2

Metal parts motion



<u>Ref</u>	Part Description	<u>Part #</u>	QTY
1	Bottom Gun Holder Plate Right, Seat Cabinet, Drakon	DRK-01-0036	1
2	Bottom Gun Holder Plate Left, Seat Cabinet, Drakon	DRK-01-0035	1
3	Center Gun Bracket Left, Seat Cabinet, Drakon	DRK-01-0037	1
4	Center Gun Bracket Right, Seat Cabinet, Drakon	DRK-01-0038	1
5	Card Reader Plate, Seat Cabinet, Drakon	DRK-01-0056	1
6	Rear Coin Bracket, Seat Cabinet, Drakon	DRK-01-0055	1
7	Foot Right Checker Plate, Seat Cabinet, Drakon	DRK-01-0031	1
8	Foot Left Checker Plate, Seat Cabinet, Drakon	DRK-01-0030	1
9	Right Under Foot, Seat Cabinet, Drakon	DRK-01-0041	1
10	Left Under Foot, Seat Cabinet, Drakon	DRK-01-0040	1
11	Center Plate, Seat Cabinet, Drakon	DRK-01-0061	1
12	Bottom Dash Coin Plate, Drakon	DRK-01-0059	1
13	Seat Base Plate, Seat Cabinet, Drakon	DRK-01-0017	1
14	Floor Right Checker Plate, Seat Cabinet, Drakon	DRK-01-0034	1
15	Floor Left Checker Plate, Seat Cabinet, Drakon	DRK-01-0033	1
16	Corner Right Bracket, Seat Cabinet, Drakon	DRK-01-0069	1
17	Corner Left Bracket, Seat Cabinet, Drakon	DRK-01-0068	1
18	Front Base Right Bracket, Seat Cabinet	DRK-01-0070	1
19	Front Base Left Bracket, Seat Cabinet	DRK-01-0071	1
20	Lower Back Bracket, Seat Cabinet, Drakon	DRK-01-0051	1
21	Upper Bracket, Seat Cabinet, Drakon	DRK-01-0052	1
22	Lower Right-Side Bracket, Seat Cabinet, Drakon	DRK-01-0065	1
23	Lower Left Side Bracket, Seat Cabinet, Drakon	DRK-01-0064	1
24	Upper Right-Side Bracket, Seat Cabinet, Drakon	DRK-01-0067	1
25	Upper Left Side Bracket, Seat Cabinet, Drakon	DRK-01-0066	1
26	Seat Base Nut Bracket, Seat Cabinet, Drakon	DRK-01-0054	2
27	Seat Base Bracket, Seat Cabinet, Drakon	DRK-01-0057	3
28	Step Checker Plate, Seat Cabinet, Drakon	DRK-01-0060	1

Metal parts screen



Part Description	<u>Part #</u>	<u>QTY</u>
Bridge Assy, Screen Cabinet, Drakon 106''	DRK-01-0200	1
Base Cover Front, Screen Cabinet, Drakon	DRK-01-0007	1
Wire Cover Bracket	NFSM-01-0004	2
Wire Cover Back Screen Cabinet, Drakon	DRK-01-0083	2
Top & Bottom Screen Frame, Screen Cabinet, Drakon	DRK-01-0042	2
Sides Screen Frame, Screen Cabinet, Drakon	DRK-01-0044	2
Bracket Upper Front, Screen Cabinet, Drakon	DRK-01-0046	1
Angle Leg Support, 1/2-13	RAC-01-0140	4
Base Cover for Bottom Holder, NFSM	NFSM-01-0008	5

Headers parts



Part Description	<u>Part #</u>	QTY
PVC FOAM SECOND SHIM 1	DRK-07-0009	1
VC Foam First Shim, Drakons Header	DRK-07-0002	1
C Foam Slogan Poster, Drakons Header	DRK-07-0003	1
C Foam Letter's Fram, Drakons Header	DRK-07-0004	1
PETG 1/8 DRAKONS LOGO LETTERS	DRK-07-0005	1
CRYLIC 0.218 DRAKONS DECORATION	DRK-07-0006	1
LED STRIP	PCB-14-0052-R1	1
LED STRIP	PCB-14-0053-R1	1
PVC Channel Moulding, 3/8'' x 8', Black		2
COUPÉ À 63 1/2''		Z
Header Shim Drakon	DRK-07-0020	1

Electronics Screen Location





<u>Ref</u>	Part Description	<u>Part #</u>	<u>QTY</u>
1	Pc Box for Drakon, With Asrock B660M and SSD	ADR-11-1222-DRK	1
2	Switching Power Supply, 24V, 320W, Low Profile	AAG-13-0036	1
3	Switching Power Supply 12V, 500W	AAG-13-0016	1
4	Board Support Snap Lock, 1/2"	AAG-05-0057	4
5	Power Bar, 5 Outlets	INV-05-1242	1
6	Drakons Side Screen RGB Strip Starter	AAG-14-0046	4
7	Drakons Side Screen RGB Strip Extension	AAG-14-0047	18

Electronics Motion Location



<u>Ref</u>	Part Description	<u>Part #</u>	<u>QTY</u>
1	Programmed Pneumatic Controller Board, Need for Speed Motion	AAG-04-0026-PROG-NFSM	1
2	RGB Led Controller Board Assembly 12V	AAG-04-0026-PROG-NFSM	1
3	Drakon Fuse Board	AAG-04-0077	1
4	7.1 Audio Amplifier Board, Need for Speed	AAG-04-0066	1
5	Board For Accelerometer and Gyroscope 3 Axes	AAG-04-0038	1
6	7-Port USB, 3.0 Hub,Type A Female USB	AAG-11-0011	1
7	Audio Line Splitter	AAG-04-0081-01	1
8	Card Reader UCL Interface	AAG-04-0080	1
9	12V Flexible 122 RGB Led With 23" Wires	AAG-14-0055	1
10	Individual Dual Lines Junction 4:1	AAG-04-0012-MOD	2
11	Led For 'Tomb Raider' Header, 64'' With Female Connector of 6'', Tomb Raider	TR-14-0003	2



Ref	Part Description	Part Number	QTY
1	Accordion Seal, 0.65'' x 4'' With Steel	AAG-05-0049	1
2	Center Bottom Plate, Need for Speed Motion	DRK-01-0011	1
3	Upper Frame Weld, Drakon	DRK-01-0020	1
4	Big Air Spring, Model : 2B6956, Need For Speed Motion	AAG-05-0045	1
5	Small Air Spring, Model: 2B2200, Need for Speed Motion	AAG-05-0044	4
6	2.0 Gallon Air Tank	AAG-05-0041	1
7	Bottom Frame Weld, Drakon	DRK-01-0110	1
8	Pack Solenoid Valves with Intake	AAG-05-0042	5
9	Male, Straight Push in Fittings, 3/8", 1/4 NPT	AAG-05-0035	20
10	Programmed Pneumatic Controller Board, Need For Speed Motion	AAG-04-0026-PROG-NFSM	1
11	Optical Sensor, 4-30 Cm, Analog	AAG-05-0054	2
12	Drain Solenoid Valve, 12V	AAG-05-0051	1
13	Female, Straight Push in Fittings, 3/8", 1/4 NPT	AAG-05-0036	5
14	Pneumatic Air Silencers 1/4	AAG-05-0040	5
15	Union Y Inch, Composite, Push to Connect, Fittings 3/8"	AAG-05-0038	2
16	Pipe Fitting, Reducing Coupling, Brass, 1/4'' F NPT x 1/8'' F NPT	PF-RC-B-1/4Fx1/8F	1
17	Modified Pressure Transducer, 150 PSI, 1/8 NPT	AAG-05-0050-MOD	2
18	3/8 Push-In Serviceable Filter	AAG-05-0059	5
19	Male, Elbow Push In Fittings, 3/8", 1/4 NPT	AAG-05-0037	2





16)



18)





Mechanical Parts



<u>Ref</u>	Part Description	
1	General Duty Rubber Caster, 2-1/2"	
2	Leg Leveler 1/2"-13 x 4" Thread, 2-3/8" Base Diameter	
3	Grill 120mm	
4	Cam Lock for Panel Thickness up to 23mm	
5	6" Speaker Grill for Woofer	
6	Black Steel Grill Clamp for Woofer	





Sound system



<u>Ref</u>	Part Description	
1	Round Black Speaker, 8 Ohm, 3.3''	
2	GSR 8SW-4 8'' Poly Cone Subwoofer 4 Ohm	
3	Audio Bass Shaker 50 Watts	
4	7.1 Audio Amplifier Board, Need for Speed	

<u>Part #</u>

AAG-13-0025

ADR-292-480

AAG-13-0027

AAG-04-0066









<u>Ref</u>	Part Description	Part #		
1	Back seat Arrow, NFS	AAG-14-0022		
2	Back Seat RGB Strip Start, NFS	AAG-14-0021		
3	Side Seat RGB Strip, NFS	AAG-14-0018		
4	Front Seat RGB Strip, NFS	AAG-14-0019		
5	Back Seat RGB Strip End	AAG-14-0020		
6	Programmed Pneumatic Controller Board, Need for Speed Motion	AAG-04-0026-PROG-NFS		
7	Board For Accelerometer and Gyroscope 3 Axes	AAG-04-0038		

5)





Computer parts (ADR-11-1022-DRK)



Ref	Part Description			
1	Metal Pc Box Casing For NFS			
2	Power Supply 600W, (Or 500W) For PC Box			
3	Motherboard Asrock, B660M, S1700,12TH			
4	Crucial RAM, DDR4, 3200, 8GB, DIMM			
5	Sapphire Video card, Radeon, RX6600, 8 GB, GDDR6			
6	Restore Usb Key Drakons, ASROCK B660M			
7	Dongle Red			
8	Hard Drive Drakon, ASROCK B660M			
9	DVI-D Male to HDMI Male Cable, 28AWG, 3' (Or 6')			

Part Number
AAG-01-0010
AAG-11-0001
AAG-11-0026
AAG-11-0025
AAG-11-0023
ADR-11-2014-DRK
INV-11-1002
INV-11-1027-DRK-B660M
AAG-17-0010

Miscellaneous electronics part



Part Description	Part Number			
Power Bar 5 positions	INV-05-1242			
Switching Power Supply 12V , 320W	AAG-13-0029			
Switching Power Supply 24V , 320W	AAG-13-0028			
Kit for Fan 138CFM With Harness, 120mm	ADR-FAN-120MM-02-KIT			
Miniature Round Pushbutton, White Center	ADR-49-0577-01			
Meter, 12V, 7 Digit with Bracket	ADR-42-08012-072			
7-Port USB, 3.0 Hub, Type A Female USB	AAG-11-0011			
NFS Motion fuses board	AAG-04-0072			
Large Round Button with Led White Lamp, Include 'Motion Stop'	AAG-13-0032			





Turret. (DRK-06-0002)

<u>Ref</u>	Part Description	Part Number		
1	Plastic Turret Body For Drakons	DRK-07-0085		
2	Plastic Turret Ornament Center Ring For Drakons	DRK-07-0021		
3	Plastic Turret Ornament Front Ring For Drakons	DRK-07-0022		
4	Plastic Turret Ornament Rear Ring For Drakons	DRK-07-0029		
5	Plastic Turret Ornament Left Side Cover For Drakons	DRK-07-0030		
6	Plastic Turret Ornament Right Side Cover For Drakons	DRK-07-0031		



Turret Mechanism Assembly Parts. (DRK-06-0002)



Part Description	Part Number	<u>QTY</u>
Controller With Grips (No PCBs), Drakons	AAG-13-0033	1
Board For Turret Controller Programmed	AAG-04-0074-PROG	1
Drakons Turret RGB Ring	AAG-14-0050	2
HDPE Turret Led Shim	DRK-07-0044	2
LED's Base	DRK-01-0072	2
Drakons Turret RGB U-Shape	AAG-14-0051	2
Right Side Solenoid's Holder	DRK-07-0112	1
Left Side Solenoid's Holder	DRK-07-0113	1
Modified Thunder Haptic Module Motor Assy	AAG-15-0004	1
Hard Strenght Unthreaded Bumper With Embedded Washer, 1" OD, 1" High, 70 Durometer	UB-RO-BR-1x1-HARD	1
Turret Y-Axis, Hall Effect Sensor, Skyride	AAG-04-0073	1
Plastic Spacer For Turret Y-Axis, Hall Effect Sensor	DRK-07-0132	1

Door



Part Description Part Number <u>Ref</u> Round Corner Blank Door Only ADR- 42-3145-100C15 1

1)

Chapter 07 – Diagrams & Schematics



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		2273 Rue Antonio He Terebonne, QC Canada, J6X 4R3	eroux	tel : +1-450 techsuppor)-824-1671 t@aagames.com		D
4	ADRENALINE apportes.con	Title LED MONITOR DRAKONS 106 INC DWG DRK-106-2	CH WIRING 2001-ELE	DIAGRAM Revision 3	Date 2024-01 Size 11x17 Scale 1:1 Sheet 12 of	-31	

Chapter 08 – 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 F11 on the keyboard to display the boot menu. -Choose the <u>UEFI: USB device ~16GB</u>

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 reentered and Operator settings will be back at the default ones.
Chapter 09 – Card Reader

CARD READER POSITION & CONNECTION

1) Remove panel & install the card reader on the central panel between the turret.





2) Connect the wires to the appropriate places.



CRIMP ENTRY SIDE VIEW		
PIN	DESCRIPTION	
1	12V	
2	Coin In	
9	GND	



Chapter 10 – 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 or Display Problem	There might have loose or faulty connect the HDMI cable is connected properly in t
	Verify that the computer is powered on. The fan on the side of the computer case press the Power Button on the front of th

Audio Troubleshooting

Low Volume / No Sound	Increase the volume in the game by press options in the Operator Menu. You might the volume via the () Speaker icon on
	Verify the USB connection between the c Verify the fuse of the audio amplifier on t

ions between the monitor and the computer. Make sure the computer's video card and in the monitor connector.

should be spinning as a reference, if it's not spinning ne computer.

sing the Operator Button and adjusting the volume also Quit the game to Windows desktop and increase the bottom right of your screen.

computer and the audio amplifier. the fuse board.

If the sound still not playing in all the speakers, please do the following procedure:

1. Right click on the sound icon in the task bar and select "Open Sound settings."



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2. Click on the "Sound Control Panel".

Se

Settings	
命 Home	Sound
Find a setting	Choose your output device
	Speakers (USB Sound Device) \sim
System	Some apps are using custom output settings. You can customize these in advanced sound settings.
L Display	Device properties
d吻 Sound	Volume
Notifications & actions	d»)
J Focus assist	▲ Troubleshoot
(¹) Power & sleep	Manage sound devices
	Input
Storage Storage	Choose your input device
다 Tablet mode	Microphone (USB Sound Device) \sim
営 i Multitasking	Some apps are using custom input settings. You can customize these in advanced sound settings.
X Shared experiences	Device properties
🗂 Clipboard	Test your microphone
>< Remote Desktop	▲ Troubleshoot
(i) About	Manage sound devices
	Advanced sound options

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App volume and device preferences Customize app volumes and the speakers or devices they use.



Select "Speakers USB Sound Device" and click on "Configure". 3.



4. Select "7.1 Surround " and click on "Next".

🔶 🐚 Speaker Setup

Choose your configuration

Select the speaker setup below that is most like the configuration on your computer.

Audio channels:

St	ereo
Q	uadraphonic
3.	1 Surround
5.	1 Surround
5.	1 Surround
7.	1 Surround
Do	olby Atmos for home theater



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Click any speaker above to test it.



5. Click on "Finish"



Configuration complete

If you click "Finish" your new settings will be applied to this audio device. To make further changes, you can use the Properties dialog or run this wizard again.

×



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.

-Press the power button on the computer.

-Press and hold F2 on the keyboard until you see the Bios screen.

/ISRock	ODE		DO G	Polych
	B660M-ITX/ac	4.04	CPU Ten	perature
12th Gen Intel(R) Core(TH) 13-12	100F		
Processor Speed:	3300MHz			
Total Memory: 8G	8		<u>54.0 °</u>	
DRAM Information				Fan Status
	DOR4_A1: Cruct	ia1 868 (3200)		CPU_FANL
	OOR4_81: None		180	
Storage Configura	ation			
	SATA3_0: N/A			CHA_FAN2 N/A
SATA3_1: N/A				
	SATA3_2: KINGSTON SA400S37120G			CPU Fen
	SATA3_3: N/A			
	M2_1: N/A			Star
	VMD Support	Disabled		Tools
		Catalan Catalan	le .	Instan
				Intern
T				FAN-Tast



-Press on **F6** or using a mouse click on **advanced**.

/ISReck	002	Polo
B660M-ITX/ac 4.04		CPU Temperature
12th Gen Intel G	0 Core(THO 13-12100F	
Processor Speed	: 3300MHz	
Total Memory: 80	8	54.0 °C
DRAM Information		Fan Status
	00R4_A1: Crucial 8G8 (3200)	OPU FANL
	COR4_81: None	1800
Storage Configur	ation	
	SATA3_O: N/A	CHA_FAN2 N/A
	SATA3_1: N/A	
	SATA3_2: KINGSTON SA400537120	GPU Fe
	SATA3_3: N/A	
	M2_1: N/A	Sec. St.
	WO Support Disable	Tools
		Inst
		Inter
		FAN-To



-Then click on Chipset Configuration.



-Go to the bottom of that page, click/select the line Restore AC Power Loss, click on the drop box

where it displays (Power Off) and select Power On.



-On your keyboard press on



and then click on YES to confirm and save the settings.

Or go to the Exit tab, click save and Exit.





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:

Electronic parts are subject to a 1-year warranty against manufacturing defect, all other parts are subject to a 3-month warranty against manufacturing defect.

We offer an advanced replacement program; the customer has 30 days from delivery date to return the defective parts at their fee or they will be charged automatically for the replacement parts. Parts will be shipped using standard service.

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.

Adrénaline Amusements

2273 Antonio-Héroux Street

Terrebonne, QC

J6X 4R3 Canada

+1.450.824.1671

techsupport@aagames.com

