



SKU#: BG-0049FC

Fly O'Clock

Instruction Manual

Assembly, Operation, and Care Instructions

Serial #: _____

Distributed By: _____






Sales Person: _____

Technical Service #: **+1-716-866-0054**

Inspect Immediately after Transporting the Product

After receiving the shipment, inspect the product thoroughly to ensure that it has been shipped with care. Before turning the power on, please check the following:

- Check the cabinet for damage or shifting that may have occurred during shipping. Are there any dented portions or defects (cuts, etc.) on the external surfaces of the cabinet?
- Are all the legs and adjusters/levelers/feet intact?
- Do the power supply voltage and frequency requirements meet with those of the location (110V/220V)?
- Are all wires linked correctly and securely connected to each other? If coupled in an incorrect manner, the connection will not be made accurately and it could cause not only irreparable damage to the machine, but also is a potential fire hazard. **DO NOT INSERT CONNECTORS FORCIBLY.**
- Check that the all the cables, including power cables, are undamaged. Do power cables or other wires have any splices, cuts, or dents?
- Have you been provided with all the associated accessories (keys, parts, marquees, stickers, etc)?
- Can all doors/lids be opened with the accessory keys? Can doors/lids be firmly closed? Does the coin box key open the coin box(es)?

Package Contents		
Open the package and make sure all the items are included:		
<ul style="list-style-type: none"> • One (1) Cabinet Assembly • Plus, the following accessories: 		
Qty.	Part Name	Illustration
1	Fly O'Clock Instruction Manual	
3 sets	Keys	
1 kit	Marquee and Mounting Brackets & Screws	
2	Bells & Mounting Screws	
2	Coin Mechanism Covers	

Notes: Parts are subject to change without notice. If any items are missing, please contact your sales representative for immediate assistance. **Please note that your cabinet colors may be different.**



Safety Instructions



- This equipment may contain hazardous voltage which can cause electrical shock. Only **qualified personnel*** should work inside the equipment.
*Note: Keep reading for a list of qualified personnel.
- To maintain personal safety and the safe operation of this product, read the entire manual before using it. The following instructions are intended for the users, operators, and the personnel in charge of the operation of the machine. **Be sure to keep this manual close to the product or in a convenient place for future reference.**



IMPORTANT NOTICES

- This product is intended for indoor use only
- This is NOT a child's toy; adult supervision is required for children to play this game. Children under 3ft (roughly 90cm) in height should not approach the game while it is in use by another player.
- Do not sit, climb, or lean on the unit. Do not place anything, including people, on the unit.
- Do not drag the product when moving it, as this could damage the legs, levelers, or machine beyond repair.
- Do not place any food or drinks on the machine.
- This game features flashing lights which may not be suitable for photosensitive epilepsy.

Definition of Site Maintenance Personnel or Other Qualified Individuals



WARNING

Servicing and maintenance work of the contents herein stated should be performed by the **SERVICEMAN** stipulated as per IEC Standard. Those who do not have technical expertise and knowledge other than the **SERVICEMAN** are not allowed to perform the work herein stated. Executing the aforementioned work by such non-technical personnel can cause serious accidents that may endanger life.

Replacing parts, maintenance inspections, and troubleshooting should be carried out by **Site Maintenance Personnel** or other **Qualified Professionals**. This manual includes directions for potentially dangerous procedures which should only be performed by professionals with appropriate and specialized knowledge.

The **Site Maintenance Personnel** or other **Qualified Professionals** mentioned in this manual are defined as follows:

- **Site Maintenance Personnel:** Individuals with experience in maintaining amusement equipment, vending machines, etc., working under the supervision of the owner and/or operator of this product. Maintenance Personnel frequently service machines within amusement facilities or similar premises by carrying out everyday procedures such as: assembly, maintenance inspections, and replacement of units or replaceable parts.
 - **Actions Approved for Site Maintenance Personnel:** Machine assembly, maintenance inspection, and replacement of units or replaceable parts.
- **Other Qualified Professionals:** Personnel employed by the amusement equipment manufacturer. Personnel may also have been involved in design, production, testing, or maintenance of said amusement equipment. This individual should have either graduated from a technical school or hold similar qualifications in electrical, electronics, or mechanical engineering.
 - **Actions Approved for Other Qualified Professionals:** Assembly, maintenance, inspection, and replacement of units or replaceable parts for amusement equipment and/or vending machines, including repair or adjustments of electrical, electronic, or mechanical parts.

Before Using This Product

To ensure the safe operation of this product, please be sure to read the entire manual before using this machine. The following instructions are intended for users, operators, and personnel in charge of the operation and maintenance of the machine. After carefully reading and sufficiently understanding the warning displays and cautions, please handle the machine appropriately. Be sure to keep this manual for future reference.

Qualified Personnel: Only personnel who have technical expertise should perform the work stated herein to avoid hazardous situations. The instructions state that site maintenance personnel should be the only personnel performing work. Please perform maintenance work in accordance with the stated instruction; provided instructions for maintenance work are to minimize risk and prevent accidents. Failing to perform work as stated within the Instruction Manual may potentially be dangerous to both maintenance personnel and users.

- **Be sure to turn off the power before working on the machine.** To prevent electric shock, be sure to turn the power off before carrying out any work that requires direct contact with the interior of the product. If the work is to be performed in the power-on status, the Instruction Manual will state to do so.
- **Be sure to ground the Earth Terminal.** This is not required in the case where a power cord with earth/ground is used.
- **Ensure the power supply used is equipped with an Earth Leakage Breaker.** This product does not incorporate an Earth Leakage Breaker. Using a power supply which is not equipped with an Earth Leakage Breaker can cause a fire when or if earth leakage occurs.
- **Before installing the product, check for electrical specifications; the product must meet the requirements.** Ensure the product is compatible with the power supply voltage and frequency requirements of the location. Using any electrical specifications that are different from the designated specifications can cause a fire and/or electric shock.
- **Install and operate the product where appropriate lighting is available, allowing warning and safety labels to be read clearly.** To ensure customer safety, labels and printed instructions describing potentially hazardous situations are applied to places where risk for potential accidents are increased. If any label is peeled off, apply it again immediately.

Please contact Barron Games Technical Support at 1+716-866-0054 or email service@barrongames.com if you need safety new stickers or parts.

Visit www.BarronGames.com for more information about Barron Games' Parts and Service Department.

INSTALLATION AND MAINTENANCE SAFETY

This product is an indoor game machine. **Do not install it outside.** Even indoors, avoid installing it in the places mentioned below to avoid causing a fire, electric shock, machine malfunction, or even death. Do not install or maintain this product in/on/within/near:

- places subject to rain or water leakage, places subject to high humidity, or in the proximity of an indoor swimming pool, shower, steam room, etc.
- places subject to direct sunlight, places subject to high temperatures, or in the proximity of heat dispensing units or portable heating devices.
- places filled with inflammable gas, within the vicinity of highly flammable or volatile chemicals, or other hazardous materials.
- dusty places.
- sloped surfaces.
- places subject to any type of violent impact.
- the vicinity of anti-disaster solutions, such as fire exits and extinguishers.
- places where the operating (ambient) temperature range is not 41°F to 86°F (5°C to 30°C).
- places near water or spray from water (such as a jet wash, hot tub, or swimming pool).

To ensure maximum safety for the users and service personnel, ensure that where the product is operated has sufficient lighting to allow all safety labels to be read clearly. Operation under insufficient lighting is not advised.



ASSEMBLY

Important Notes:

1. Read this Instruction Manual carefully before assembling or playing.
2. Ensure that there is sufficient space to place and shift the product prior to and during assembly.
3. **TWO adults** are recommended to assemble the unit.
4. Inspect and ensure all parts are securely attached before moving.
5. Please Note: Children and pets should be kept away from the assembly area. This product may contain small parts that could be a potential hazard during assembly for small children or animals.



TOOLS NEEDED



• Allen Key Set



• Door Keys



• Fly O'Clock Instruction Manual



• Hand Drill



• Phillips Head Screw Driver



• Scissors

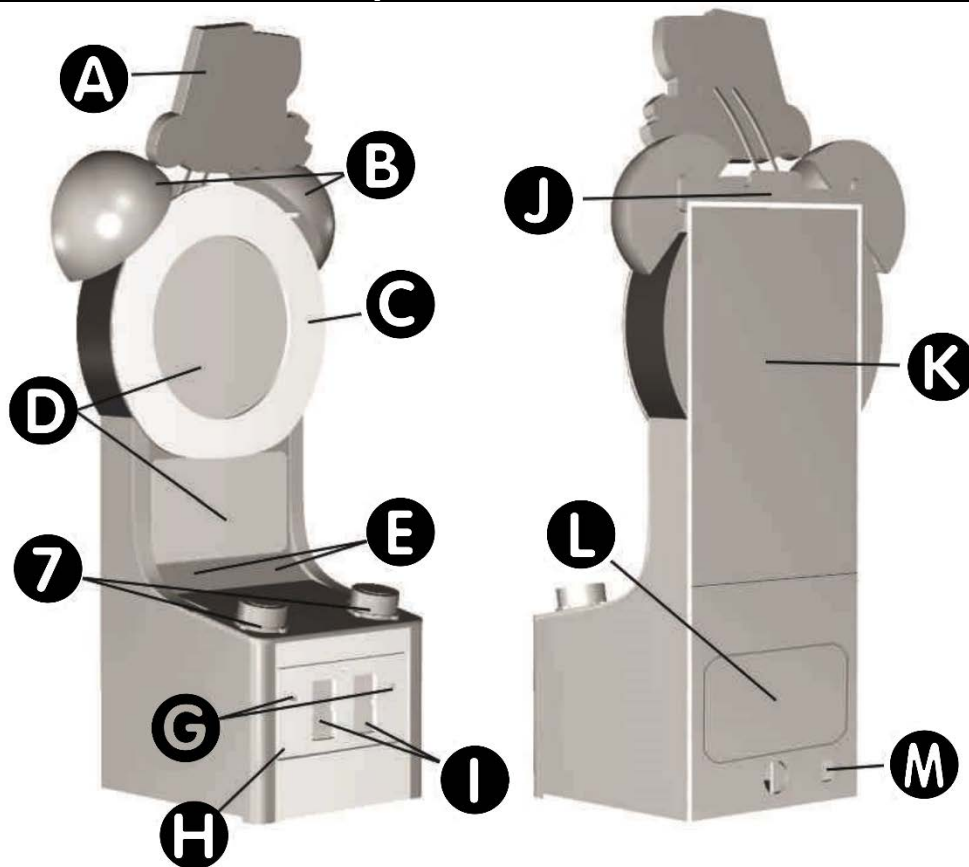


• Step Ladder

*Note: Please retain the original packaging, so that it may be used for storage or transport later.

Specifications	
Rated Power Supply	115V – 240 V (110/220) *Automatically adjusts
Dimensions	34 in x 33 in x 106 in (115cm x 68cm 294cm)
Weight	441 lbs (200 kg)

Specifications



- A. LED Marquee (Attaches to Cabinet)
- B. "Bells" of the Clock (Part of Cabinet)
- C. Display Cover (Part of Cabinet)
- D. 55" LED Display
- E. Speakers (x2)
- F. Game Panel with Control Buttons
- G. Ticket Dispenser (x2)

- H. Front Service Door– accesses coin & bill acceptors, tickets feeder, counters, and service button
- I. Coin Mechanisms or Bill Acceptors (x2)
- J. Marquee Base
- K. Upper Rear Door – access to display and marquee
- L. Lower Rear Door – access to CPU, I/O & Power
- M. Power Socket

There are a total of 3 service access panel doors: one on the front and 2 on the rear of the machine.

Locate Important Safety Stickers

Instructions that require special attention are indicated by warning signs. Depending on the varying degree of hazard, the terms used are: NOTE, NOTICE, and WARNING.

- **NOTE:** A NOTE indicates useful hints or information about product usage
- **NOTICE:** A NOTICE indicates potential damage to product and how to avoid the problem
- **WARNING:** A WARNING indicates a potential for product damage or serious personal injury

It is important to understand the meaning of the following HAZARD SIGNS before continuing:



High Voltage and Shock Hazard

High voltage can cause electric shock.
Turn off/unplug power before servicing.



High temperature Hazard

This part may cause scalding.
Do not touch. Surface may be hot.



Do Not Touch Hazard

This may be hot or can cause electric shock.
Do not touch.

Assembly – Step A Unbox the Unit

Unpack the Fly O'Clock unit and parts from box; remove all plastic wrap and strapping.

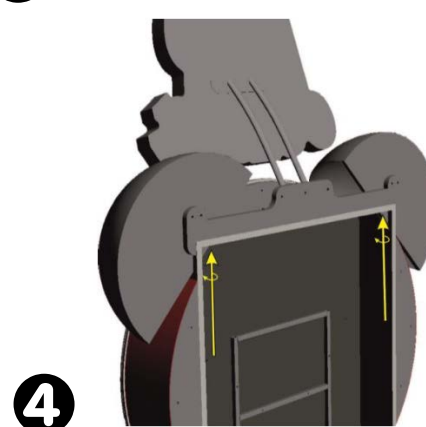
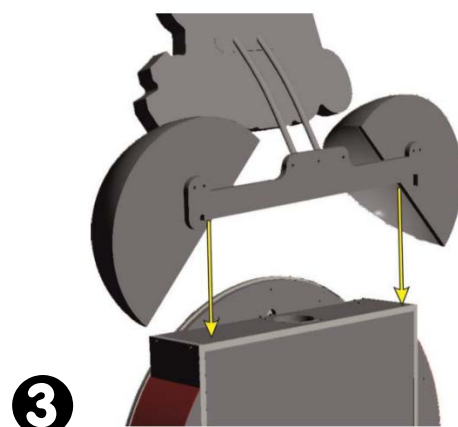
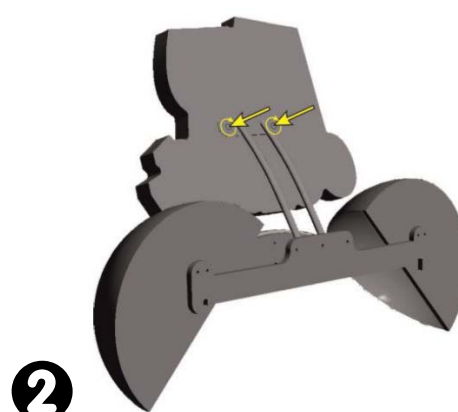
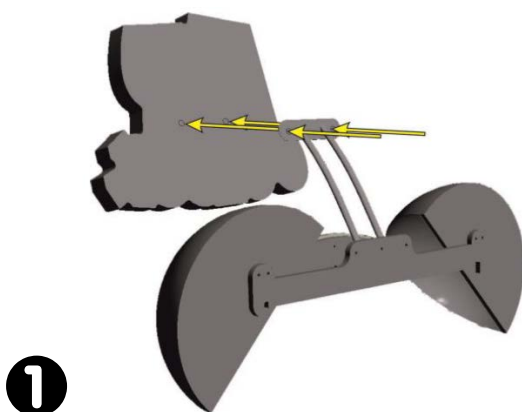
Assembly – Step B Install the Bells and Marquee

- **Two people** are required to assemble the marquee sign and bells on the top of the cabinet.
- **A ladder** or other platform at the back of the unit is also required.

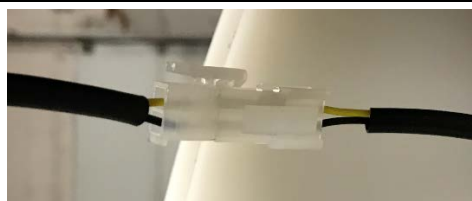


- Prepare the base cabinet to install the bells and marquee:
 - Open the upper rear access panel door with the Fly O'Clock keys.
 - Remove the door from its place by pulling the top out first.
- **Please note:** This photo shows the unit with the bells and marquee already installed. For the purpose of this installation guide, it is just to show the upper access panel door that you need to remove in order to mount the topper pieces.

- **Install the Marquee to the Bells and then secure the entire topper onto the machine** using mounting screws and brackets provided. Mounting hardware is installed from the interior or the cabinet as shown in #4 below.



Assembly – Step ③ Install the Bells and Marquee



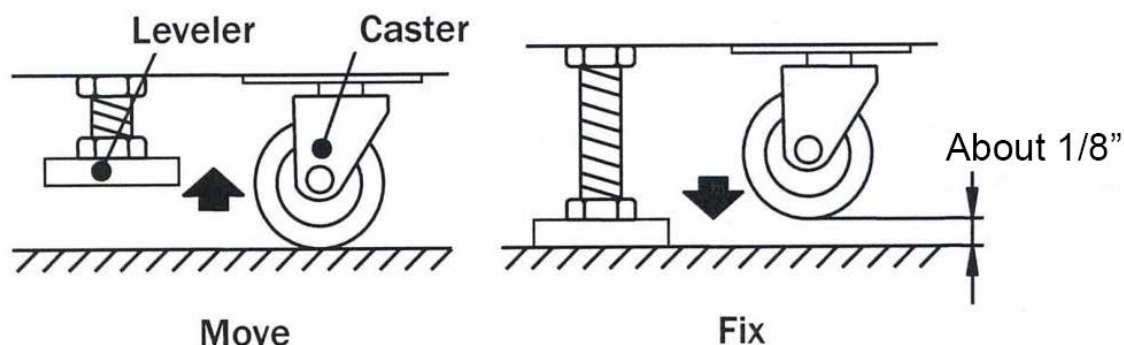
- Connect the power cord from the marquee to the power cord that runs inside the access panel near the top of the unit. You may need to feed the power cord down the hole into the panel if there is extra slack in the cord.

Assembly – Step ④ Level Adjustment

Adjust levers to lift casters off the ground to level the game. If the game is installed on an unstable floor, it could cause a malfunction.

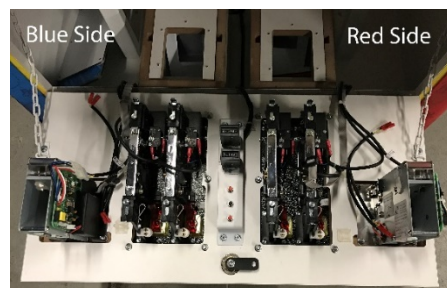
- Adjust the leveler down until it touches the floor, lifting the casters off the ground by about 1/8"
- Repeat the same for all levelers.

NOTICE: Make sure the machine is level with the ground & all adjustable legs are resting on the floor



Assembly – Step ⑤ Adding the Mechanisms

- After unboxing and assembling the unit, the front of the machine will look like this. The cavities from left to right include: ticket dispenser, dual coin mechanisms (DBA compatible), and another ticket dispenser.
- Install the ticket dispensers (plate facing down) using the four (4) bolts, washers, and nuts provided for each.
- Install the coin mechanisms according to the instructions on your model.

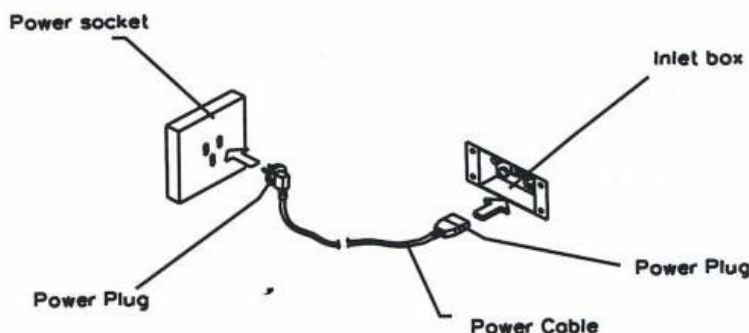


Assembly – Step ⑤ Connecting the Power

IMPORTANT: POWER SUPPLY ADJUSTS AUTOMATICALLY

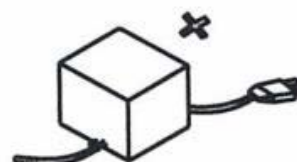
***PLEASE NOTE:** After turning off the game, please wait at least 1 minute before restarting it again.

- This machine's electrical system (power supplies & display) will adjust automatically to 220V/110V.
- Do not plug the equipment power cables into an electrical outlet if the power cable is damaged.
- Avoid putting too many loads on one electrical outlet, as it could result in an electrical fire.
- Connect the grounding conductor to the earth/ground terminal (GND).

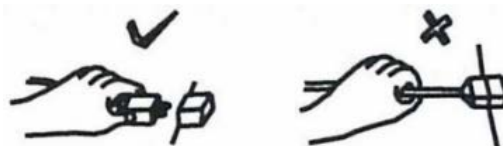


WARNING: Ensure no heavy objects rest on the power cord.

Check to make sure the game cabinet does not sit on the power cord as this could damage the cord and become hazardous.



To disconnect the game, grip the plug and pull it from the wall outlet. Never pull it out by the cord.



Do not touch the power plug when hand is wet to prevent electrical shock.



Ensure nothing rests on the power cord and that it is not located where it can be stepped on or tripped over.



Software

! IMPORTANT !

THE SOFTWARE ON THIS DEVICE IS COPYRIGHT PROTECTED.

COPYING AND DISTRIBUTING THIS SOFTWARE IS STRICTLY PROHIBITED. IT IS ALSO FORBIDDEN TO INTERFERE WITH THE INTEGRITY OF THE SOFTWARE VIA MODIFICATION OR IMPLEMENTATION OF ANY CHANGES WITHOUT PRIOR AUTHORIZATION BY THE MANUFACTURER. ANY ATTEMPTS TO CHANGE THE SOFTWARE, OTHER THAN THOSE SPECIFIED BY THE MANUFACTURER WILL RESULT IN WARRANTY LOSS AND IS HAZARDOUS.

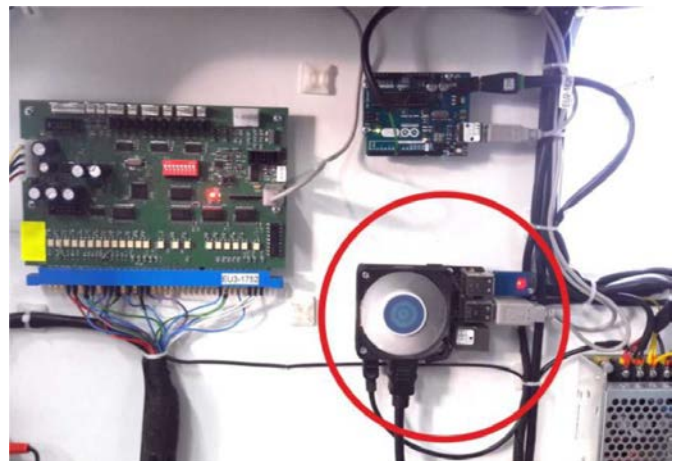
To find the latest updates and make sure you have the most up-to-date software, please visit: <http://barrongames.com/software-update-instructions>

Software Updates






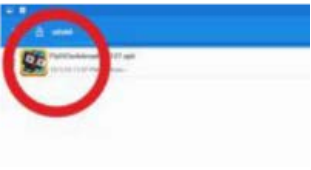




To begin a software upgrade:

Required: USB memory stick ("thumb drive") and a USB computer mouse

1. Start with the game powered off.
2. Download the .apk file specified by the manufacturer and save it to a USB drive.
3. Open the lower service door at the rear and locate the control processor (CPU →).
4. Connect the USB memory stick and a computer mouse in 2 free USB ports.
5. Power on the machine.
6. It will ask you if you would like to "write a new file." Select yes and to "remember these settings." Confirm this action three times.
7. **Leave the Fly O'Clock game application by single-clicking the right mouse button;** this opens the control panel "Android Desktop." Note: The game MAY exit into the service menu after disconnecting a USB device if you needed to disconnect any to free up a port.



Software Updates

 <p>8. Enter Service Mode: Click the "Service_ON" app on the android desktop. Confirm by clicking "Execute" on the confirmation pop-up to run in service mode.</p>	 <p>9. The machine will reboot. Right click on the mouse to enter the android desktop screen. Go to the "application list" by selecting the icon at the bottom center of the screen.</p>	 <p>10. Select "File Manager" App Icon</p>	 <p>11. Select the icon that looks like 3 parallel lines in the upper left corner to access the USB drive.</p>
 <p>12. Select the USB storage drive from the list.</p>	 <p>13. Locate and double-click on the .apk update from your USB drive.</p>	 <p>14. Click "Install" in the lower right corner of the screen.</p>	 <p>15. Wait for installation to download. Be patient, it may take a while depending on how large the update file is.</p>
 <p>16. Your app has been updated! Click on the circle icon at the bottom of the screen to exit back to the main menu on the desktop.</p>	 <p>17. Exit Service Mode: Click the "Service_OFF" app on the android desktop. Confirm by clicking "Execute" on the confirmation pop-up to exit service mode. The machine will reboot.</p>	<p>18. Disconnect the USB mouse and USB memory drive.</p>	<p>19. Your machine will reboot normally.</p> <p>If you require any technical assistance with an update, please email our service technician at service@barrongames.com.</p> <p>Or during business hours, call 716-866-0054 for additional support.</p>

Game Play

To Start the Game:

1. Insert coins, tokens, bills or swipe point card (depending on accessories).

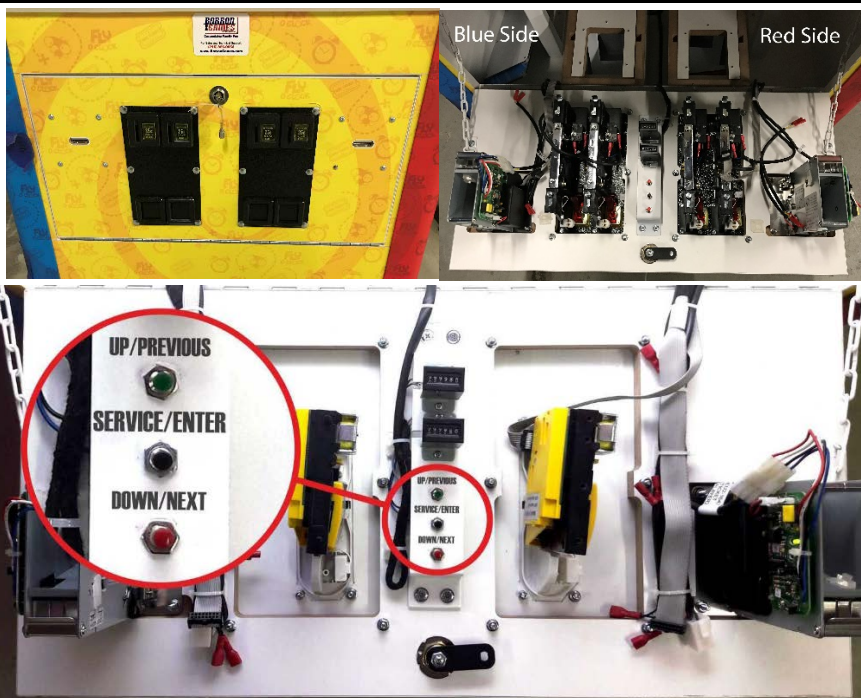
Game Play

2. Press a JUMP button to start the game; add a second player at this time by pressing the other JUMP button.
3. **Tutorial Round:** A quick tutorial for first-time players will appear on the screen before each game begins. This tutorial can be skipped by pressing the JUMP button of an active player.
4. After a countdown, the game will begin.
5. **How to Play:** Press JUMP to direct your red or blue fly around the face of a giant clock. Avoid the electrical clock hands by jumping over them from one corner of the clock to the next. There are 4 fly "landing areas" shown in underlined in red in the photos below.
6. **Ticket Fiesta:** In Fly O'Clock, every successful jump equals one minute. Every minute earned will load the color-coded LED progress bars around the outer clock face. Every 15 jumps/minutes will activate a redemption bonus round called the "**Ticket Fiesta**." During a Ticket Fiesta, the player will be invincible and able to collect as many tickets as possible by jumping around the clock. A quick countdown signifies when the bonus round is over. *A Ticket Fiesta will be triggered when a player's progress bar loads to 3 o'clock, 6 o'clock, and 9 o'clock, respectively.*
7. **Game Over:** Any contact with the electrical clock hands will end the game (each player independently).
8. **Winner! 12 O'Clock Mega Ticket Bonus:** Successfully complete all 60 jumps around the clock and earn the MEGA TICKET BONUS (adjustable in operator settings)

Game Options

To access the settings menu:

- Press the **SERVICE BUTTON** located inside the service door at the front of the machine, next to the coin and ticket mechanisms.
- Use the **Up/Previous** and **Down/Next** buttons to navigate in the menu.
- Use **Service/Enter** to select or change the option value or selection.



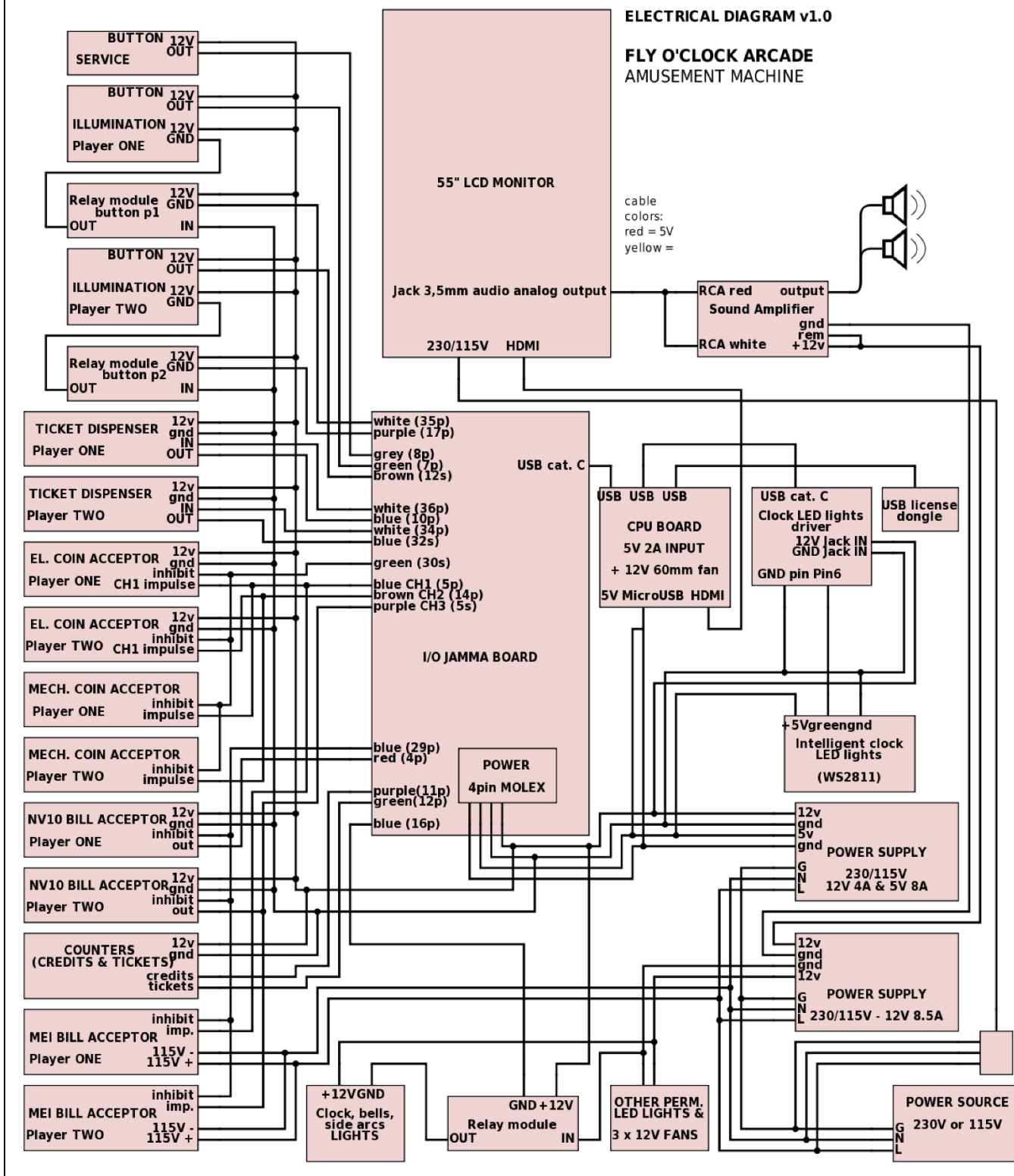
Game Options

A List of Adjustable Settings and sub-menus:

Menu	Setting	Units	Description
DEVICE SETTINGS	Music Volume	0-100	Set music volume from 0-100
	Sound Effects Volume	0-100	Set music volume from 0-100
	BACK		Return to Main Menu
CREDIT SETTINGS	Free Play	On/Off	Free Play, no credits needed
	Payment Type	Coins/Bills	Sets credit type; changes in-game text accordingly
	Bills for Credit		Sets credits value for one game
	Coins for Credit		Sets credits value for one game
	BACK		Return to Main Menu
TICKET SETTINGS	Tickets On/Off	On/Off	Set to ON or OFF
	Ticket Value	1,2 (regular or double)	Set ticket value; (2) for tickets with double value
	Big Win	100-1000	Set ticket bonus win; number of tickets at win
	Mercy Tickets	1-100	Consolation tickets issued when a player does not win any
	BACK		Return to Main Menu
GAME PLAY SETTINGS	Fiesta Time 1 (at "3pm")	5-15 seconds	Length of FIRST ticket bonus round in seconds
	Fiesta Time 2 (at "6pm")	5-15 seconds	Length of SECOND ticket bonus round in seconds
	Fiesta Time 3 (at "9pm")	5-15 seconds	Length of THIRD ticket bonus round in seconds
	BACK		Return to Main Menu
STATISTICS	COUNTERS	Tickets Win Total	Total amount of won tickets
		Tickets Issued Total	Total amount of issued tickets
		Number of Games	Number of all played games
		Tickets Win P1	Tickets won by Player 1
		Tickets Win P2	Tickets won by Player 2
		Tickets Issued P1	Tickets issued for Player 1
		Tickets Issued P2	Tickets issued for Player 2
		Credits Total	Total credits
		Credits P1	Player 1 credits
		Credits P2	Player 2 credits
		BACK	Return to Stats Menu
	RESETABLE COUNTERS	Credits Total	Total credits
		Tickets Issued P1	Tickets issued for Player 1
		Tickets Issued Total	Total amount of issued tickets
		Credits P1	Player 1 credits
		Tickets Issued P2	Tickets issued for Player 2
		Tickets Win P2	Tickets won by Player 2
		Ticket Win Total	Player 2 credits
		Games	Number of all played games
		BACK	Return to Stats Menu
	LOGS AND STATS	Avg 2-Player Duration	Average length of 2-player game
		Avg Single Player Jumps	Average number of jumps in a single player game
		Avg 2-Player Jumps	Average number of jumps in a 2-player game
		Avg Single Player Ticket Win	Average number of tickets won in single player game
		Avg Single Player Duration	Average length of a single player game
		Avg Single Player Ticket Win	Average number of tickets won in a single player game
		Mercy Tickets	Mercy Tickets Won
		Tickets for Bonus	Bonus Tickets Won
		BACK	Return to Stats Menu
	BACK		Return to Main Menu
TESTS	Tickets to Dispense	1-100	Set number of tickets to dispense
	P1 Dispense 10 Tickets		Dispense tickets from P1 dispenser
	P2 Dispense 10 Tickets		Dispense tickets from P2 dispenser
	Diagnostic: Audio		Audio Test
	Diagnostic: LCD		Display Test
	Diagnostic: Lights		Lights Test
	Diagnostic: LED_Wheel		LED Wheel Ligth Test
	BACK		Return to Main Menu
EXIT			Exit Main Menu

ELECTRICAL DIAGRAM v1.0

FLY O'CLOCK ARCADE
AMUSEMENT MACHINE



After Installing the Game

1. Check the voltage regularly to avoid a short circuit or potential fire. Do not overload the circuit. Contact an electrician or service technician if your product experiences the following:
 - Power Failure
 - Liquid or Objects Found Near/Inside Electronic Components
 - Abnormal Sounds
2. Keep the power cord out of areas with busy foot traffic to ensure the safety of users and the machine.
3. Keep children away from all power sources and power supply units. Children should always be under adult supervision while using the machine. Young children under 3ft (roughly 60cm) in height should not operate this machine.
4. Regular maintenance should be performed on the machine to ensure that it is clean, smooth, and debris-free (see section "Care and Maintenance"). Do not use any sharp instruments on any part of the machine, as it may cause irreparable damage.
5. Remove and replace any piece or part that becomes damaged.
6. Turn off the game and have it inspected by an electrician or service technician if it is operating abnormally.
7. Use the leg adjusters to level the machine if necessary.
8. Use caution while transporting.
9. Do not use outdoors or in damp areas.
10. **Always check these safety points before operating the machine:**
 - a. Try to run the game before operation each day
 - b. Conduct monthly routine checks of game components to ensure they are in good working condition and do not need to be repainted or repaired
 - c. Check the machine regularly for dust and clean when necessary.
 - d. Note: Some parts and components require preventative maintenance to run at maximum efficiency.

Care and Maintenance

1. Use a soft cloth (microfiber cloth is strongly recommended), and household cleaner. **DO NOT USE CLEANSERS CONTAINING BLEACH.**
2. Dust, grime, and other debris can collect inside the body of your machine over time. Vacuum out the inside cavities frequently. **NEVER ATTEMPT** to clean the interior while operating.
3. Clean any dirt or debris from the main PC Board with a soft brush or dry cloth. **NEVER USE WATER OR OTHER LIQUIDS.** Always be sure to turn off or unplug the machine before opening the access panel doors, unless instructed otherwise.
4. Periodically check functionality of the coin mechanisms and empty coin boxes.
5. Perform maintenance work in accordance with these instructions. **Be sure to always turn POWER OFF before servicing the machine.**

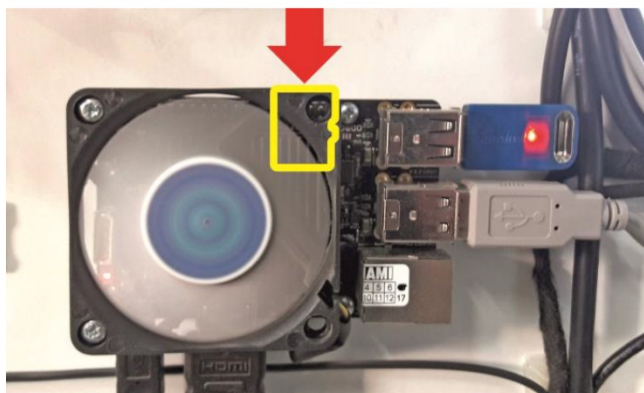
Troubleshooting

Having trouble assembling your new machine?

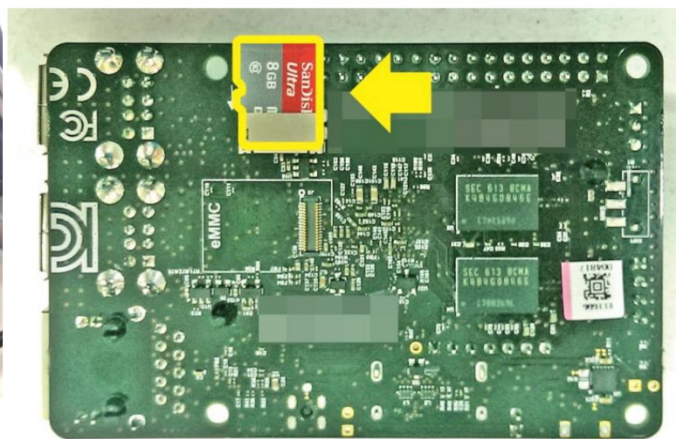
Call our experts in the **Parts & Service Department** at **1+716-866-0054** or email Service@BarronGames.com and we will be happy to assist you! We also have a live chat available on our website at www.BarronGames.com.

Locating the MicroSD Card on the Central Processing Unit (CPU):

The MicroSD card is located at the back of the CPU Board, near the upper right installation screw. It is possible to remove the card without disassembling the CPU Board (see photos).



CPU board front view



CPU board back view

"No Signal" alert on your screen? Try this:

While the machine is plugged in and powered on, open the lower rear service door. Locate the CPU board and observe if there are any lit LEDs (see photo).

1) RED Light (should be solid):

- a. **Solid:** Indicates 5V power is on: system functions are normal
- b. **Blinking:** Indicates an issue with the power supply. Check power supply (2nd point) and all wiring connections. Could mean wiring issues or possible CPU failure.
- c. **Off:** If there is no red light, there is no 5V power. Check the power supply, power supply voltage, and all wiring connections. Power supply failure likely; CPU failure is not common, but possible.



2) **BLUE Light (should be blinking):**

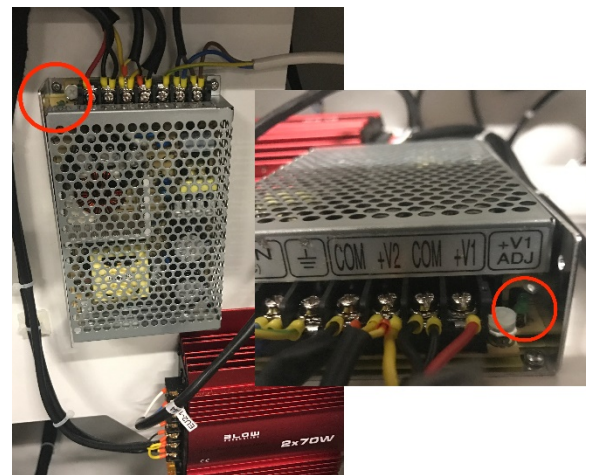
Important Note: a SOLID RED LIGHT IS REQUIRED in order to see ANY BLUE LED status

- Solid:** Indicates a MicroSD card/software failure. Insert the backup MicroSD card that was provided with the machine and check the status again. If the card is not damaged beyond repair, it may be able to be reused. Please call or email our technicians to assist you.
- Blinking:** Indicates normal operating state. Everything is functioning normally with CPU board.
- Off:** Lack of blue light indicates a possible MicroSD card/software failure. Insert the backup MicroSD card that was provided with the machine and check the status again. If the unit does not return to normal operating status with the new MicroSD card, CPU board failure is the likely problem. Please call or email our technicians to assist you.

If the LEDs on the CPU are functioning (red = solid, blue = blinking) and you are still receiving a "no signal" error, check the two power supplies inside the rear lower access panel door. Look for a green LED.

3) **GREEN Light (should be solid):**

- Solid:** System functions are normal
- Blinking:** Indicates a failure with the power supply. Power supply could mean too low a power load due to disconnected components in the machine or a short circuit in the installation.
- Off:** Lack of green light indicates a failure with the power supply. There is no power on supply cables.



Black Screen without any communication:

While the machine is plugged in and powered on, open the lower rear service door. Locate the CPU board and observe if there are any lit LEDs.

1) Check the power plug for the monitor/tv screen and that the screen is on.

2) Open the upper rear access door and check the **MONITOR POWER LED** (red) signal located at the upper left corner of the interior of the cabinet at the red arrow in the picture attached.

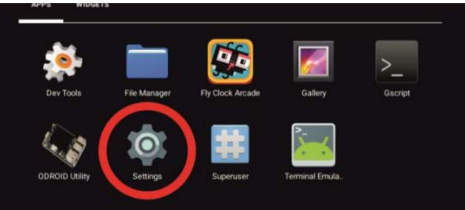
- Solid:** Indicates the TV/Monitor is turned off. If you see a click the button nearest the red LED to turn it on or use the provided remote control.
- Off:** If there is no red light, and the screen is on and working properly, check the "input source" using the remote. This could also indicate a power supply or screen failure

3) Check CPU function. (Follow troubleshooting "no signal alert" steps).



Problems with Ticket Dispensing, Game Crashing/Freezing (or settings are not saving)

CAUTION: THIS FIX WILL ERASE YOUR GAME SETTINGS/ELECTRICAL COUNTERS AND GAME STATISTICS! The game will need to be "reconfigured" if the factory default settings do not fit your requirements.

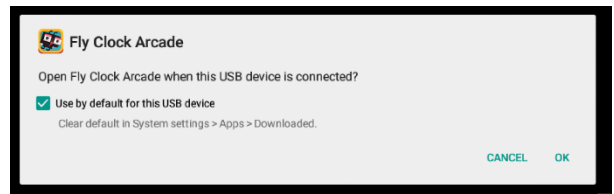
		
<p>1. Open the lower rear service door, locate the CPU Board and plug in a USB mouse</p> <p>2. Leave the Fly O'Clock App by clicking the right mouse button.</p>	<p>3. Click on the "Service_On" icon. Confirm by selecting "execute" on the confirmation pop-up to run the game in Service Mode.</p>	<p>4. The game will reboot. Right click on the mouse to exit the app and enter service mode. The screen should fit inside the game clock.</p>
		
<p>5. Go to the application list by selecting the center circle icon at the bottom of the screen</p>	<p>6. Select "Settings"</p>	<p>7. Select "Apps"</p>
		
<p>8. Locate the Fly O'Clock app and click on it</p>	<p>9. Select "Clear Data." The app should refresh.</p>	<p>10. Click on the circle at the bottom of the screen to navigate back to the main android menu</p>
	<p>11. Run "Service_Off" app by clicking "execute" on the pop-up that leads to service mode. The machine will reboot at this time. After the game reboots, you should be able to reconfigure the settings you had specified before.</p>	

Problems with Coin Acceptors/Bill Acceptors

- 1) This problem could indicate issues with firmware from mechanisms manufacturer
- 2) Check all wirings for acceptors to ensure they are intact and connected snugly.
- 3) Not accepted permission to access USB device for I/O Board (See "buttons coins/ not working)

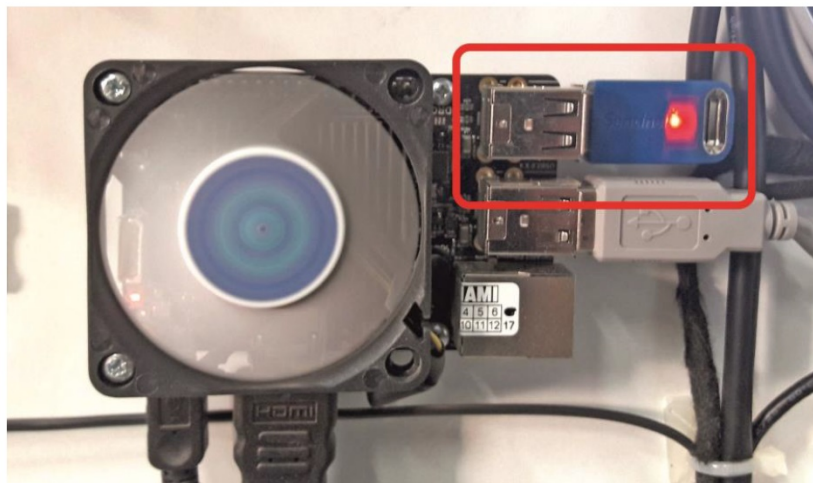
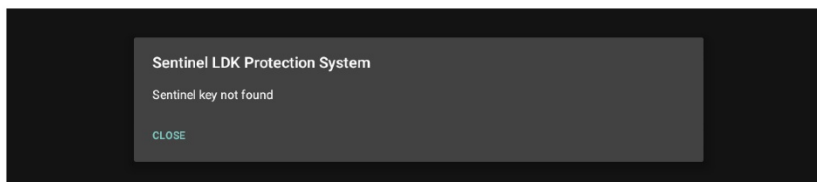
Buttons/Coin Mechanisms not Working

- 1) Check wiring connections to I/O Board
- 2) If the CPU board is new, the I/O Board or LED Driver connected should ask you confirm USB access permission to use the USB device. Check everything as described below. Select use by default then click "OK" (often 3 confirmation clicks are required).
- 3) If you accidentally press CANCEL after selecting the checkbox for "Use Default" – follow the steps from (Problems with ticket dispensing, game crashing/freezing, settings not saved) and additionally elect DEFAULTS. Run Fly O'Clock app from the desktop and follow step 2 from this section.



Game exits after splash screen without an error or says "Sentinel Key Not Found" Alert

- 1) Check your USB Dongle license key!



Part no.	Part	Details
Electronic parts		
FOC-101	55" LED display	
FOC-102	CPU board	
FOC-SD	Backup SD card	
FOC-110	I/O board	
FOC-103	LED driver	
TMB-104	12V 5V power supply	230/115V auto switch
TMB-105	12V power supply	230/115V auto switch
FOC-104B	Complete P1 (blue) button set	including LED's, switches and buttons
FOC-104R	Complete P2 (red) button set	including LED's, switches and buttons
TMB-108	Speaker	2 in each unit
FOC-105	Wheel LED small	112 in each unit
FOC-106	Wheel LED big	8 in each unit
TMB-109	Power socket with fuse	
TMB-110	Power cord	
TMB-111	12cm 12V cooling fan	2 in each unit
TMB-112	Mechanical counter	2 in each unit
FOC-108	Service buttons set	set of 3
FOC-109	Amplifier	
Wiring		
EU1-1756	Button lights	
EU1-1757 1	Coin acceptor wire - PLAYER 1	
EU1-1757 2	Coin acceptor wire - PLAYER 2	
EU1-1758	Mechanical counters and service buttons wire	
EU2-1607 1	Bill acceptor wire - PLAYER 1	
EU2-1607 2	Bill acceptor wire - PLAYER 2	
EU2-1629	I/O board power	
EU2-1644-2	Speakers connection	
EU2-1647 1	Ticket dispenser wire - PLAYER 1	
EU2-1647 2	Ticket dispenser wire - PLAYER 2	
EU2-1759B	Power socket wire	
EU2-1763	1,5 m power wire	
EU2-1769A	Power wire (bottom lights and lower back fan)	
EU2-1773-2	Light power wire (clock edge, arcs and bells)	
EU2-1776	Clock LED wire	
EU2-1777	Light power wire (marquee, front panel)	
EU2-1778	LED driver power wire	
EU3-1752	I/O board wire set	
EU2-1308-2	I/O board to Main Board USB wire	
TMB-113	3m HDMI cord	
Deacals and decorative		
FOC-301	Front panel cover	
FOC-302L	Left side sticker	
FOC-302R	Right side sticker	
FOC-303	Panel sticker set	
FOC-304	Marquee complete	
FOC-305 LB	Left (blue) aluminium profile with sticker	
FOC-305 RR	Right (red) aluminium profile with sticker	
FOC-306	Coin acceptor cover	set of two
Mechanical parts		
TMB-311	Electronic coin acceptor mounting panel	2 in each unit
TMB-401	Base wheel	4 in each unit
TMB-402	Leg leveler	4 in each unit
TMB-403	28mm lock with keys	5 in each unit
TMB-404	Fan cover	2 in each unit
TMB-405	Tickets holder	2 in each unit
TMB-406	Cashbox	2 in each unit

Warranty Information



Dear Valued Customer:

I would like to extend a personal thank you from Barron Games International for your recent purchase of a premium product from our unique line of amusement games, tables, and rides.

In this package, you will find detailed information about your **Manufacturer Warranty**, a **Warranty Registration Form & Customer Satisfaction Survey**; and a complete **Product Catalog**. Visit our website at BarronGames.com to learn more about our exciting new releases and upcoming events.

**Please complete and return the included
Warranty Registration & Information form
within 10 days of your purchase.**

We truly value your feedback and suggestions; your honest opinions are very important to us. You will find a **Customer Satisfaction Survey** on the bottom of your **Warranty Registration**. Please take a moment to let us know how we're doing and how we can better help serve your amusement industry needs. In addition, the greatest compliment we can receive is a referral from you; your referrals are essential to the growth of our business. If you enjoy our products, please let others know.

Should you require technical service or additional sales assistance, please don't hesitate to contact us. Replacement and spare parts are available for purchase through your distributor or our office directly.

If you have any questions or comments, please call us at +1 (716) 866-0054 or email our sales department at sales@barrongames.com. Thank you again for your business, we look forward to working with you in the future.

Sincerely,

Anna Zykina Bacorn
Vice President of Sales

Barron Games International
84 Aero Drive Suite 5 | Buffalo, NY 14216
www.BarronGames.com

PLEASE KEEP FOR YOUR RECORDS



LIMITED MANUFACTURER WARRANTY

Product Model

Product Serial Number (look for a silver sticker on unit)

Thank you for purchasing a Barron Games product!

To activate your warranty, please complete the Warranty Registration and Customer Satisfaction survey within 10 days of your purchase.

Our **New Product Limited Warranty** covers moving parts and the main PC board on all products for the first one hundred and twenty (120) days after your product was received.

- Product and/or product parts found to be defective must be shipped back to Barron Games at customer's expense for any warranty work to be performed or for part replacement.
 - All advanced-replacement parts must be paid for in advance of shipment, and a credit will be issued if the defective part (if under warranty) is returned to us within 10 days of shipment of the replacement.
- Barron Games cannot be held responsible for damage to a product due to improper installation and/or unauthorized usages.
- Our Parts & Service Support Team is available to you by phone at +1-716-866-0054 or via email at service@barrongames.com.

Our 120-Day Limited Product Warranty does not cover the following:

- I. Table top breakage
- II. Product abuse or misuse
- III. Product cleaning and/or routine maintenance
- IV. Physical or cosmetic damage whatsoever to the product
- V. Stuck or jammed coin mechanisms caused by improper usage
- VI. Damage incurred from moving, shipping, or repairing product
- VII. Damage incurred by normal wear-and-tear or non-standard game play
- VIII. Damage caused by acts of God; weather, water, lightning or electrical damage, or damage due to extreme heat or cold
- IX. Damage caused by unauthorized repair work to product or by the installation of any parts or upgrades on products, other than as directed or previously authorized by Barron Games
- X. Any product damage incurred during shipping/transit from our warehouse or our partners

This warranty will become null and void if:

- Anyone besides personnel authorized by the manufacturer performs (or attempts to perform) any repairs, modifications, or alterations not under the instruction of an authorized Barron Games service technician
- Product is dropped, knocked over, abused, or otherwise physically damaged while at your location or during any transportation or shipping to or from our warehouse
- Product is placed outdoors, in direct sunlight, rain, cold, heat, or placed in a humid area. See Product Instruction Manual for a complete list of places to avoid when installing the product.

Please contact our Parts & Service Department at (716) 866-0054 or email service@barrongames.com for assistance.
Customers must provide the product name and serial number to verify warranty status when calling for service.

Barron Games International

84 Aero Drive, Suite 5
Buffalo, NY 14225

Phone: (716) 866-0054
www.BarronGames.com



Thank you for purchasing a Barron Games product.

To activate your warranty, please complete this registration form and return within 10 days of your purchase.

Product Name / Model	Product Serial Number (look for a silver sticker located on the unit)
Date of Purchase	Distributed by (if applicable)
Name	Company (if applicable)
Phone	Email Address
Company (if applicable)	<input type="radio"/> Yes, I would like to receive email updates on Barron Games' newest products & events. I may unsubscribe at any time.
Address	

If you have any questions or comments, please contact Barron Games at

+1 (716) 866-0054 or email at sales@barrongames.com.

This product warranty registration form may also be completed online at <http://www.BarronGames.com>.



How did you hear about Barron Games?

☐ Referral ☐ Industry Magazine ☐ On A Product ☐ Internet ☐ Tradeshow **Specifically:** _____

How would you rate our overall customer service?

☐ Excellent ☐ Average ☐ Poor ☐ Not Applicable **Comments:** _____

On a scale of 1 to 5, how satisfied are you with the quality of the product? (5 = most satisfied; 1 = not satisfied at all)

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 **Comments:** _____

If you have visited us online at www.BarronGames.com, please rate the user-friendly nature of our website:

☐ Excellent ☐ Average ☐ Poor ☐ Not Applicable **Comments:** _____

To better understand your needs, what amusement products interest you the most? Is there a product you'd like to see?

☐ Kiddie Rides ☐ Table Games ☐ Motion Sim ☐ Custom Games ☐ Redemption Games ☐ Rec Use / Free Play **Comments:** _____

Additional Comments: _____



For your convenience, this form becomes an addressed mailer. Fold it and seal with tape as shown on the opposite side.

You may also scan and email to sales@barrongames.com, fax to +1 (716) 630-0055, or register online at www.BarronGames.com.

Barron Games International

84 Aero Drive, Suite 5
Buffalo, NY 14225

Phone: (716) 866-0054
www.BarronGames.com

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**For our Parts & Service Department
please contact Barron Games at:**

+1-716.866.0054

Service@BarronGames.com