BARRON GAMES
INTERNATIONAL
Customizing Family Fun

SKU#: BG-0049FC

Fly O'Clock

Software Update Instructions & Troubleshooting (via USB)

Serial #: _____

Distributed By: _____

Sales Person: _____

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

V.011816

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.

Determine which version of the software you are running:

Determine which version of the software you are operating by pressing the "service" button on the front inside panel. In the photo below, you can see the version is .133 located at the top of the service options menu.

To ensure you have the most updated software, please visit:
http://barrongames.com/software-update
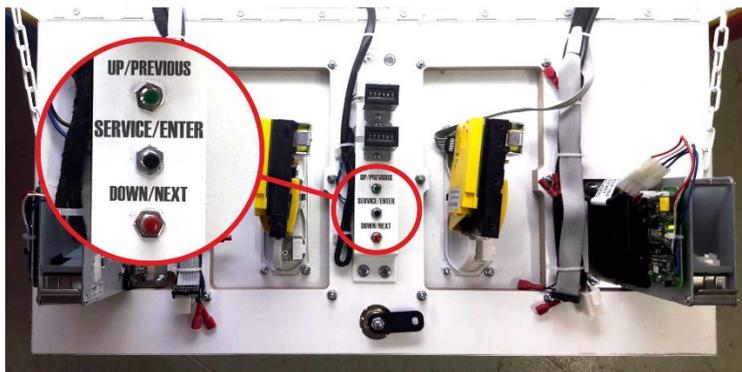
If you require assistance with an update, please email our technician at service@barrongames.com. Or during business hours, call 716-866-0054 for additional support.

Software Updates via USB

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

1. Download the .apk file specified by the manufacturer and save it to a USB drive (or a USB drive may been provided).

2. Power on the machine, if not already on.

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.
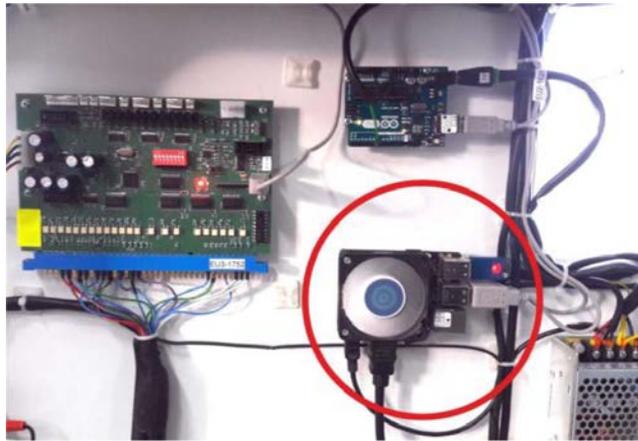
5. Leave the Fly O'Clock game application by single-clicking the right mouse button; this opens the control panel "Android Desktop."

6. Select "**File Manager**" App Icon	7. Select the icon that looks like **3 parallel lines** in the upper left corner to access the USB drive.	8. **Select the USB storage** drive from the list.	9. Locate and **double-click on the .apk** update from your USB drive.
10. Click "**Install**" in the lower right corner of the screen. **Wait for installation to download.**	11. Be patient, it may take a while depending on the size of the update.	12. **Click on the circle at the bottom of the screen to exit** to the main menu.	13. Click on the settings menu and select "**CLEAR CACHE**" from the options
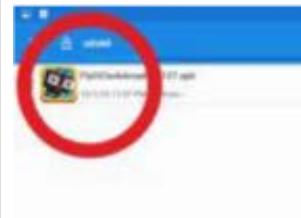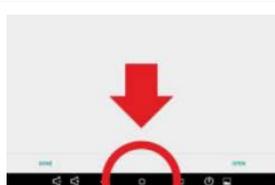
Software Updates via USB

14. Exit back to the main menu on the desktop.

15. Exit Service Mode: Select "Service_OFF" app on the android desktop. Confirm by clicking "Execute" on the confirmation pop-up to exit service mode.

16. The game should reboot automatically. When prompted, select "Use by default" and/or "Remember these Settings" and then select "OK." Multiple confirmation clicks may be required.

17. Disconnect the USB mouse and USB memory drive.

18. When powered on, your machine will boot normally.

19. All of your settings have been reset to factory, you may want to browse your settings in order to ensure they are set correctly for your location. Follow the instructions below to access the settings menu and change the operator settings.

Accessing Operator Settings

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.
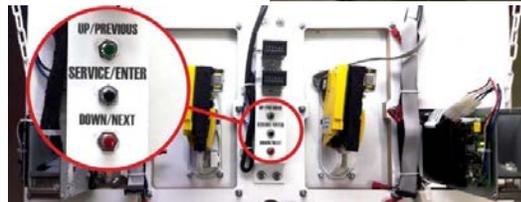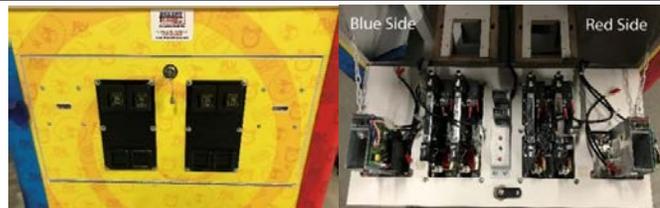
Manufacturer's Recommended Operator Settings (under Service Menu)

DIFFICULTY SETTINGS:	GAMEPLAY SETTINGS:	TICKET SETTINGS:
FIESTA SPEEDUP 1: 1.2	**FIESTA TIME 1:** 5 sec	**TICKET VALUE:** 1
FIESTA SPEEDUP 2: 1.3	**FIESTA TIME 2:** 6 sec	**MERCY TICKETS:** 5
FIESTA SPEEDUP 3: 1.5	**FIESTA TIME 3:** 7 sec	**BIG WIN:** 500

List of Operator Settings

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

Game Play

To Start the Game:

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

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/minute, players 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)

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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.

How do I know if my software update worked?
What version of the software am I running?

Determine which version of the software you are operating by pressing the "service" button on the front inside panel. In the photo below, you can see the version is .133 located at the top of the service options menu.

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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).
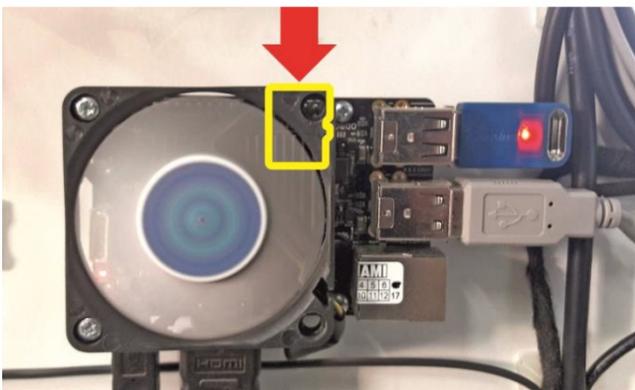
CPU board front view
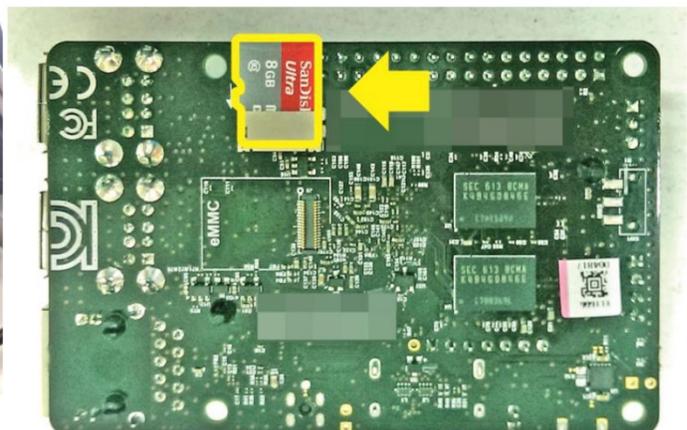
CPU board back view

Completely Uninstall the Software

CAUTION: THIS FIX WILL ERASE YOUR GAME SETTINGS/ELECTRICAL COUNTERS AND GAME STATISTICS!

Uninstall the Software		
1. Open the lower rear service door, locate the CPU Board and **plug in a USB mouse.** 2. Leave the Fly O'Clock App by clicking the right mouse button.	3. Click on the "**Service_On**" icon. Confirm by selecting "execute" on the confirmation pop-up to run the game in Service Mode.	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.
5. Go to the application list by selecting the center circle icon at the bottom of the screen	6. Select "Settings"	7. Select "Apps"
8. Locate the Fly O'Clock app and click on it	9. Select "Uninstall."	10. Confirm that you wish to uninstall the program and it will send you back to the *main service menu.*
 Main Service Menu	11. Right click to return back to the main *Android service menu.*	 Android Service Menu
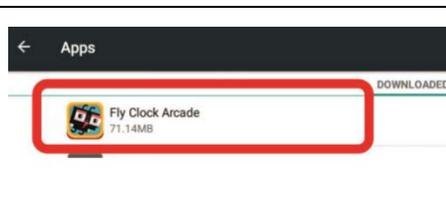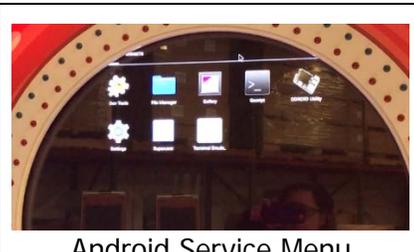
"No Signal" alert on your screen? Try this:

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

   a. **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.

   b. **Blinking:** Indicates normal operating state. Everything is functioning normally with CPU board.

   c. **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):**

   a. **Solid:** System functions are normal

   b. **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.

   c. **Off:** Lack of green light indicates a failure with the power supply. There is no power on supply cables.
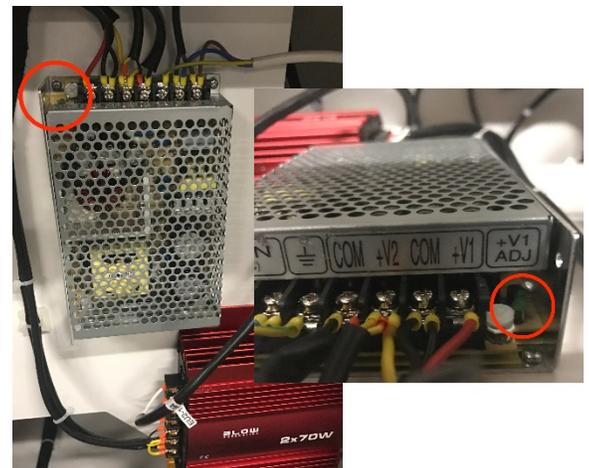
Black Screen without any communication:

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.

    a. **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.

    b. **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.

Factory Reset		
1. Open the lower rear service door, locate the CPU Board and plug in a USB mouse 2. Leave the Fly O'Clock App by clicking the right mouse button.	3. Click on the "**Service_On**" icon. Confirm by selecting "execute" on the confirmation pop-up to run the game in Service Mode.	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.

Factory Reset		
5. Go to the application list by selecting the center circle icon at the bottom of the screen	6. Select "Settings "	7. Select "Apps"
8. Locate the Fly O'Clock app and click on it	9. Select "Clear Data." The app should refresh.	10. Click on the circle at the bottom of the screen to navigate back to the main android menu
	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.	

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 snuggly.

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).
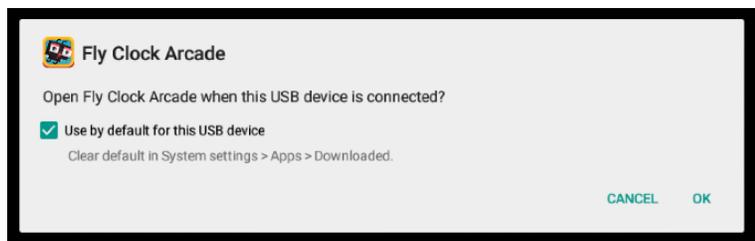
3) If you accidentally press CANCEL after selecting the checkbox for "Use Default" – follow the steps from (Problems with ticket dispensing, game crashing/freezing, settings not saved) and additionally elect DEFAULTS. Run Fly O'Clock app from the desktop and follow step 2 from this section.

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

1) Check your USB Dongle license key.
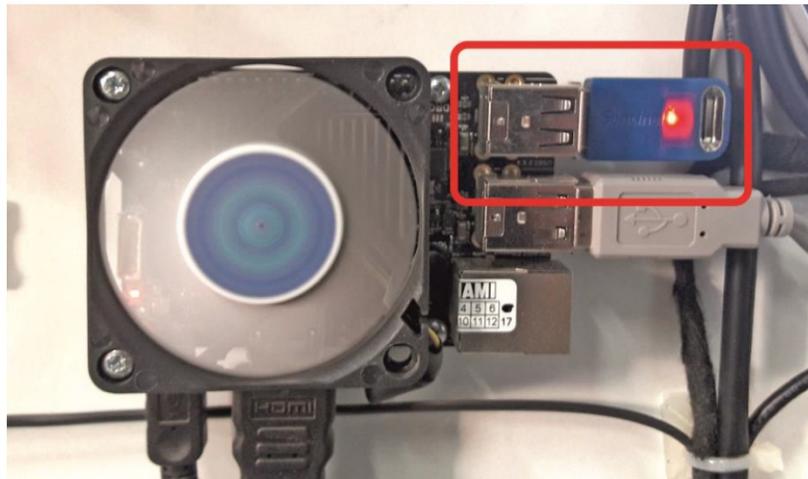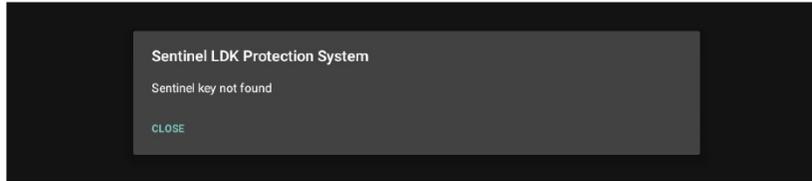
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