

SOFTWARE INSTALLATION AND SETUP

Bluberi Novus B49 HHR EGMs

Version

1.0.0

Department

TEC-EL-04229

Creation date

2024-11-19

Audience

Field Service Technicians
Slot technicians



Version History

Version	Department	Initials	Date	Comments
1.0.0	Field Service	BC	11/19/2024	Initial Manual Created

Contents

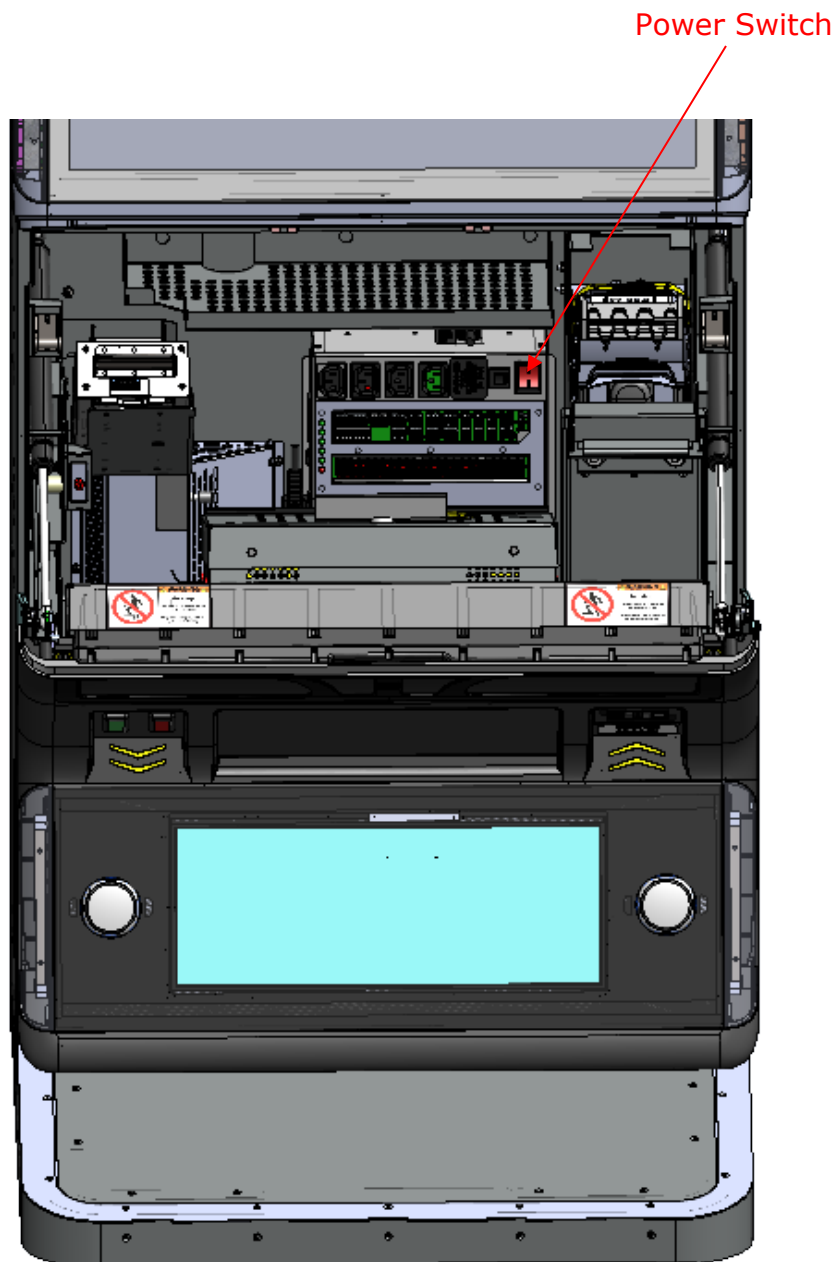
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1. Introduction

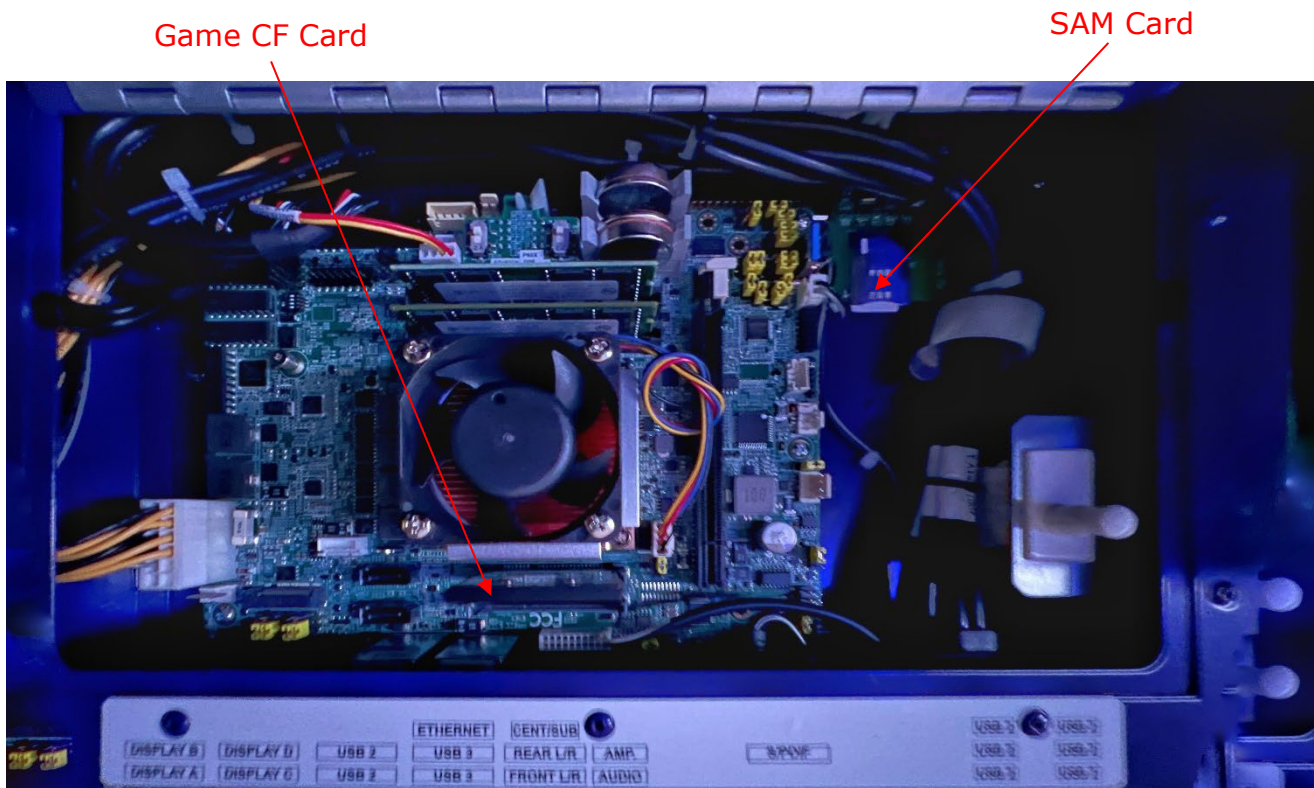
This manual provides detailed instructions for setting up and configuring HHR software for Bluberi Novus B49 EGMs.

2. Initial Preparation

1. Power down the EGM.



2. Remove any existing software.

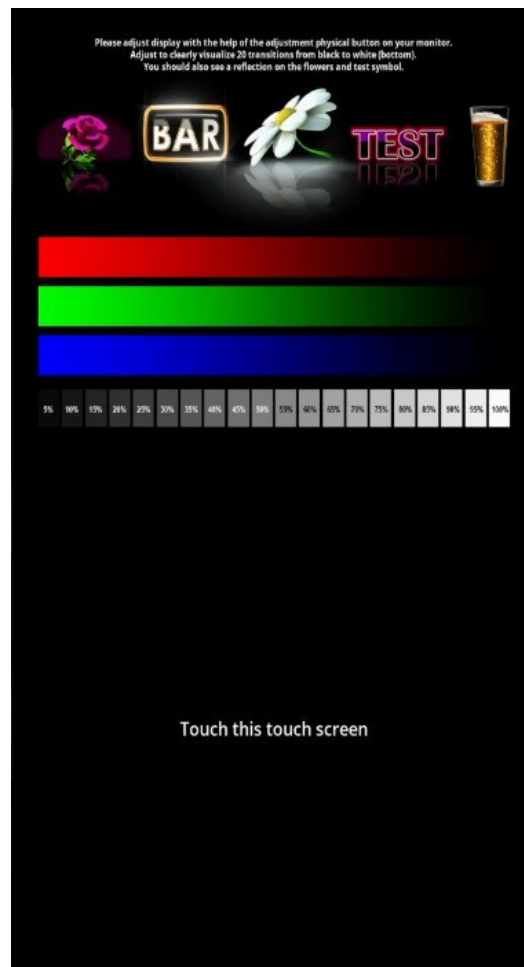


3. RAM Clear Process

1. Insert the RAM clear card into any CF slot.
2. Power on the EGM.
3. Select **Novus B49 2.0 with topper** (select **without topper** if you aren't using one). Use the service button to move selection down and use play or cashout buttons to select.



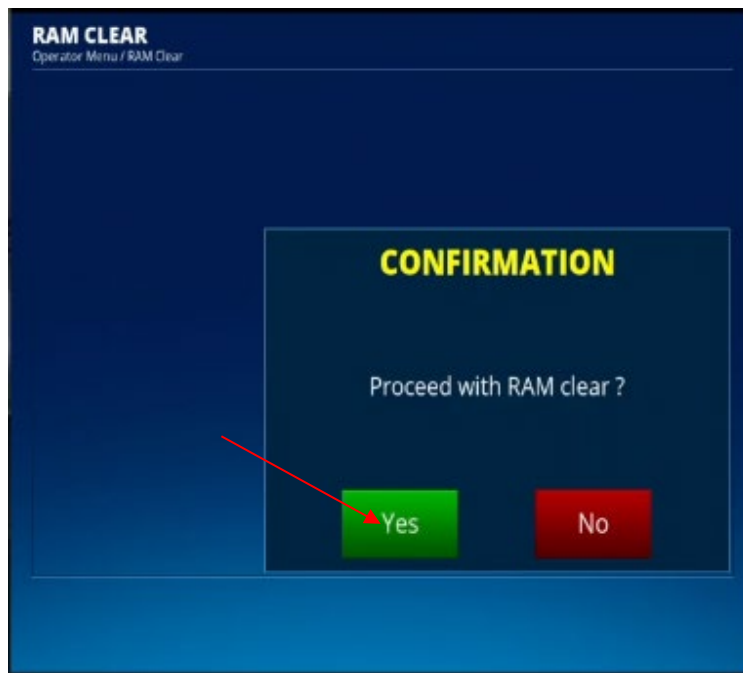
4. Calibrate the **main monitor** and **touchdeck** by touching each screen when prompted with touch this screen.



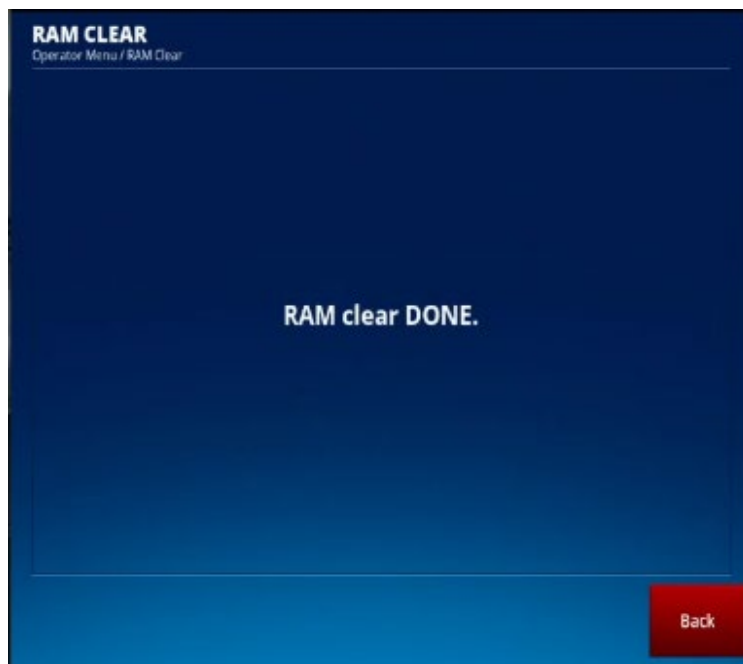
5. Once the machine fully loads, select **RAM Clear** from the menu.



6. When asked to proceed, select **Yes**.



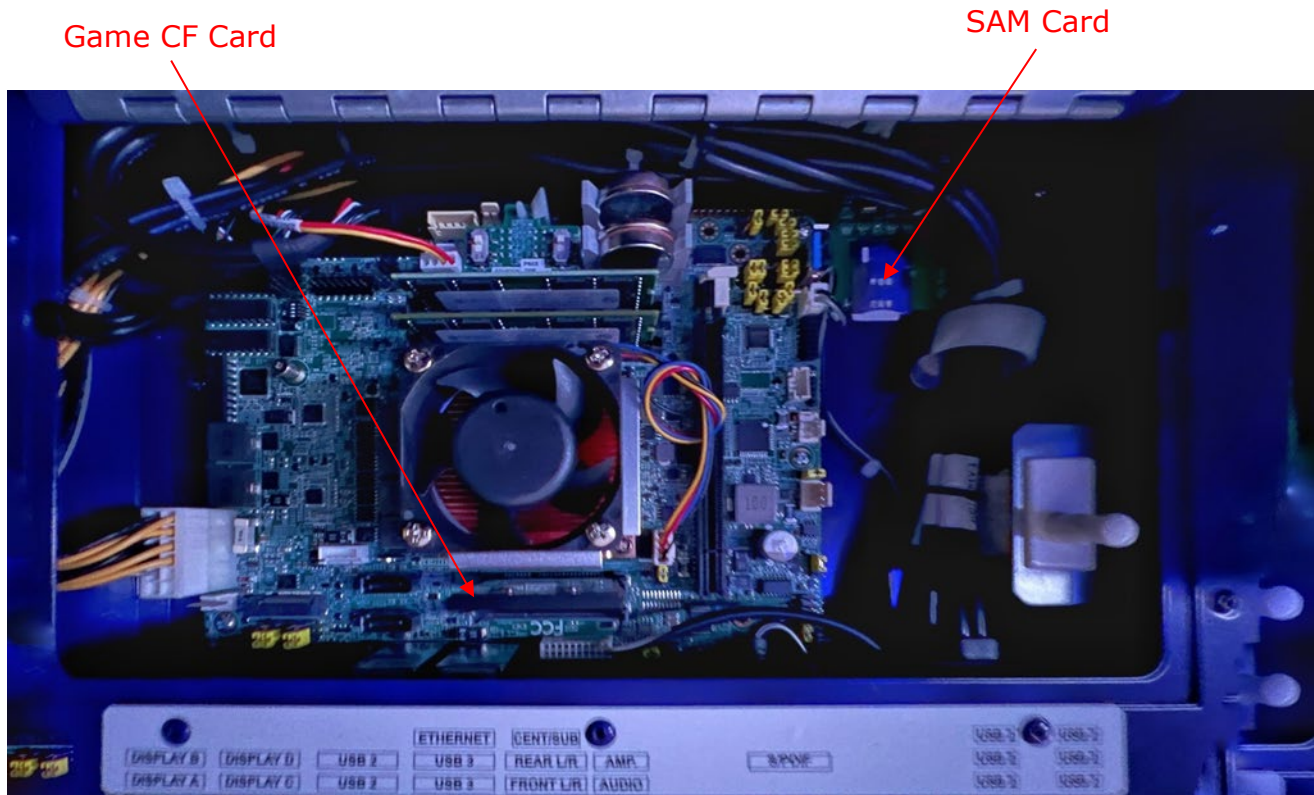
7. Once the process completes and 'Done' appears on the screen, power down the machine.



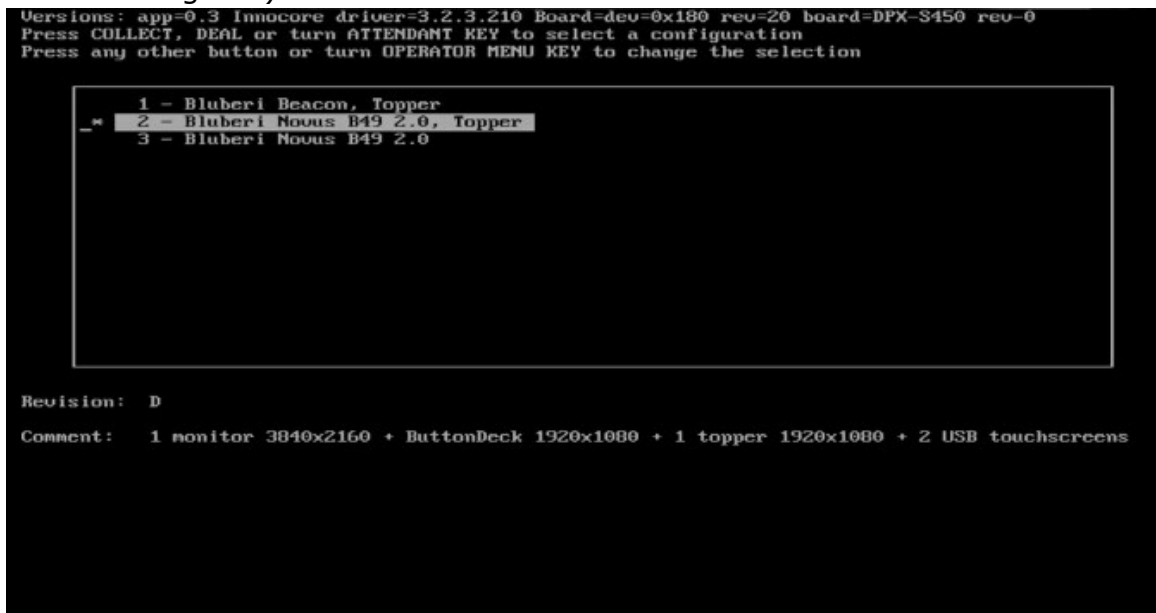
8. Remove the RAM clear CF card.

4. Game CF Card and SAM Card Installation

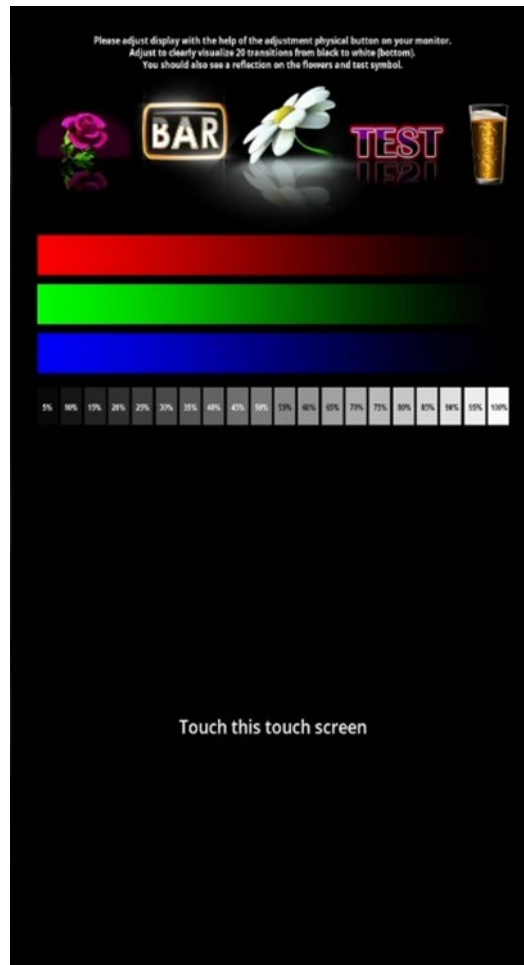
1. With the machine powered down, insert the **Game CF card** and **SAM card**.
2. Power on the machine.



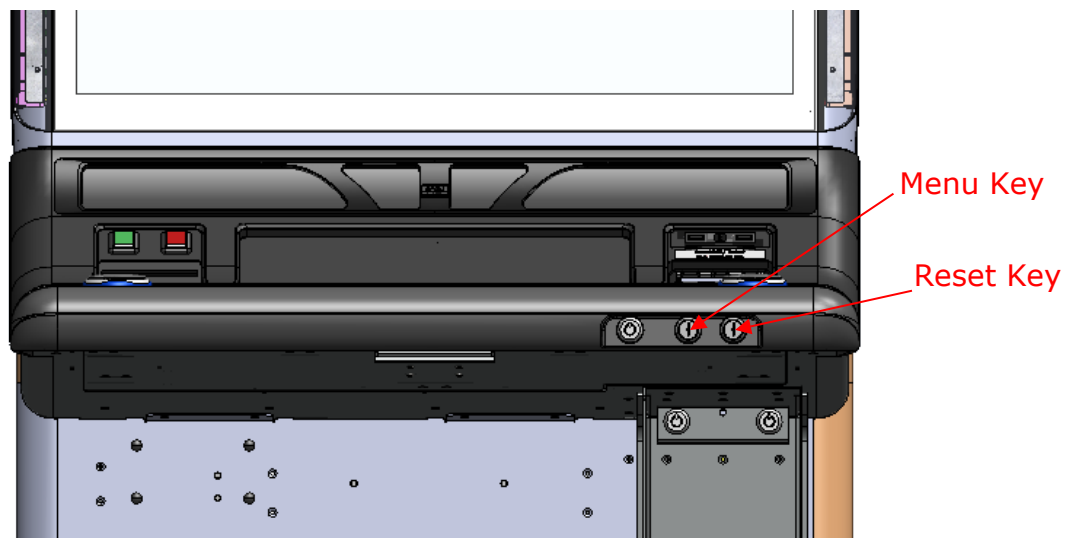
3. During cabinet selection, select **Novus B49 2.0 with topper** (or **without topper** if you aren't using one).



- When prompted, calibrate the **main monitor** and **touchdeck** touch screen by touching each screen when asked to touch this screen.



- When the machine loads, enter the operator menu by turning the left menu key.



6. Keep the key turned and select **Operator Menu** at the bottom of the screen.



7. With the main door open and the left menu key still turned, select **Configuration**.



8. Start at the top of the menu and work your way down.



5. Configuration Menu Settings

1. General Settings:

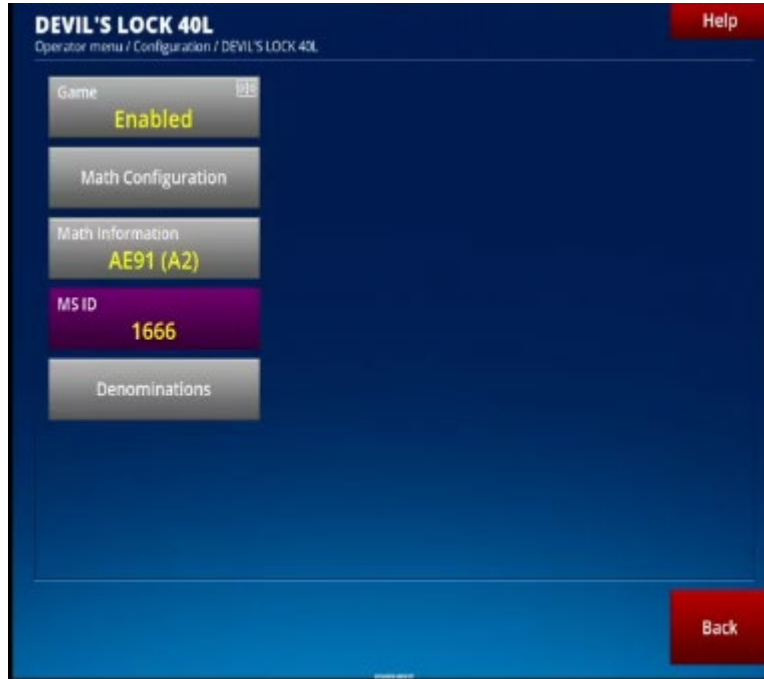
- Select **General Settings**.
- It is recommended to leave all settings at their default values unless specific adjustments are required (e.g., master volume or language).

2. Game Theme Menu:

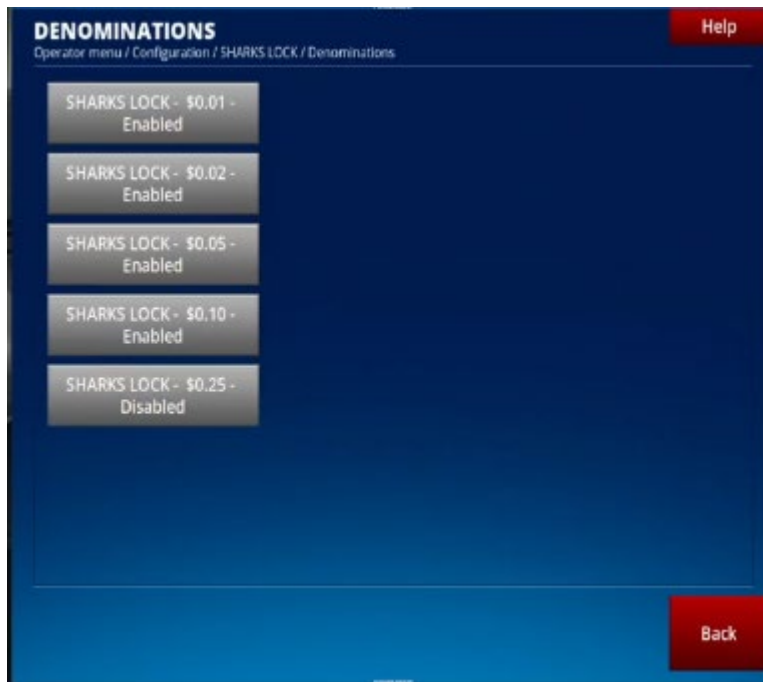
- Select **Game Theme**.

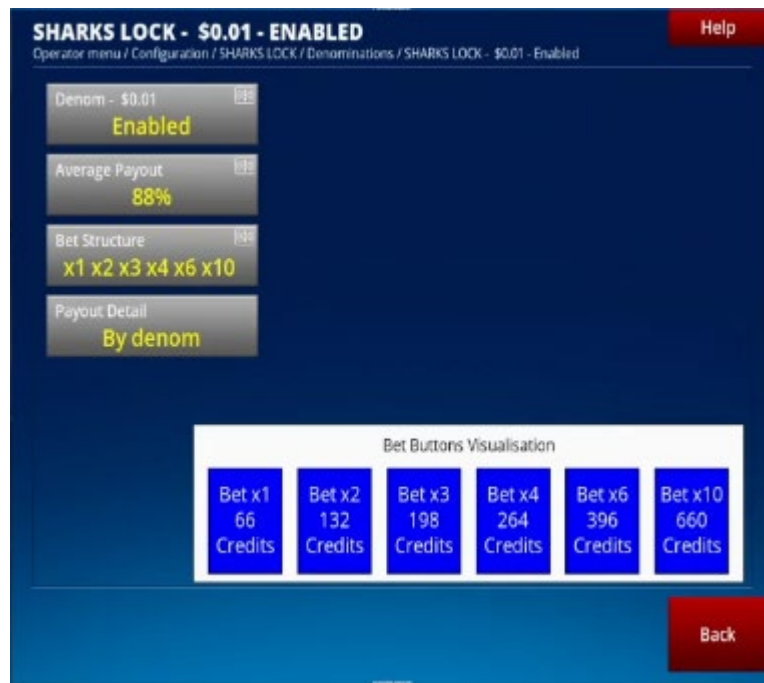
Enable the game, set up denominations, and set average payout percentage:

- Select game.
- Select **Enable**.

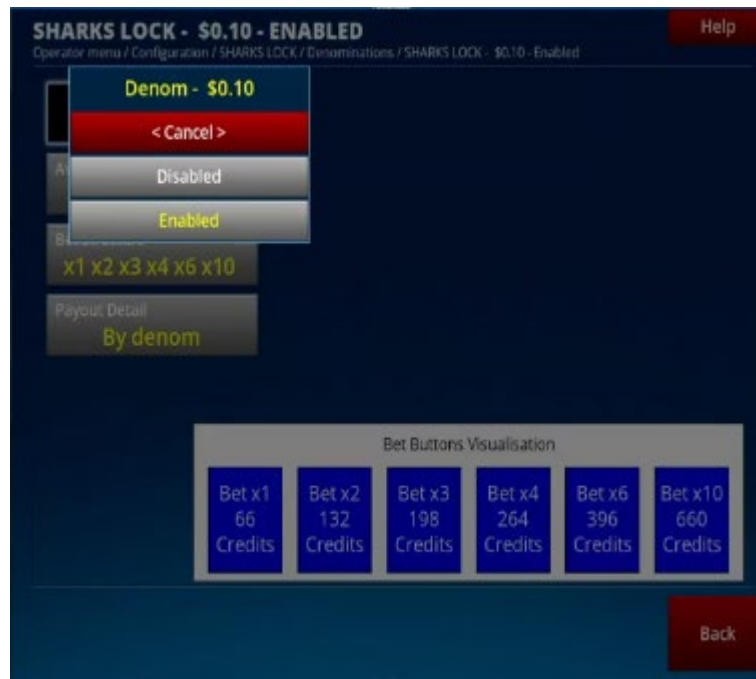


- Select **Denominations**.
- Select a denomination:

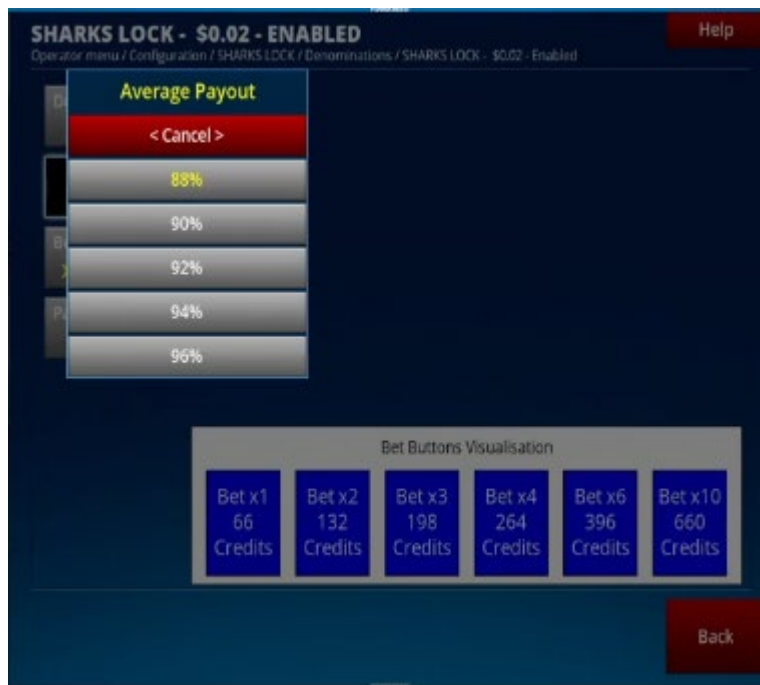




- To disable a denomination, select the **Denom** and then select **Disable**.



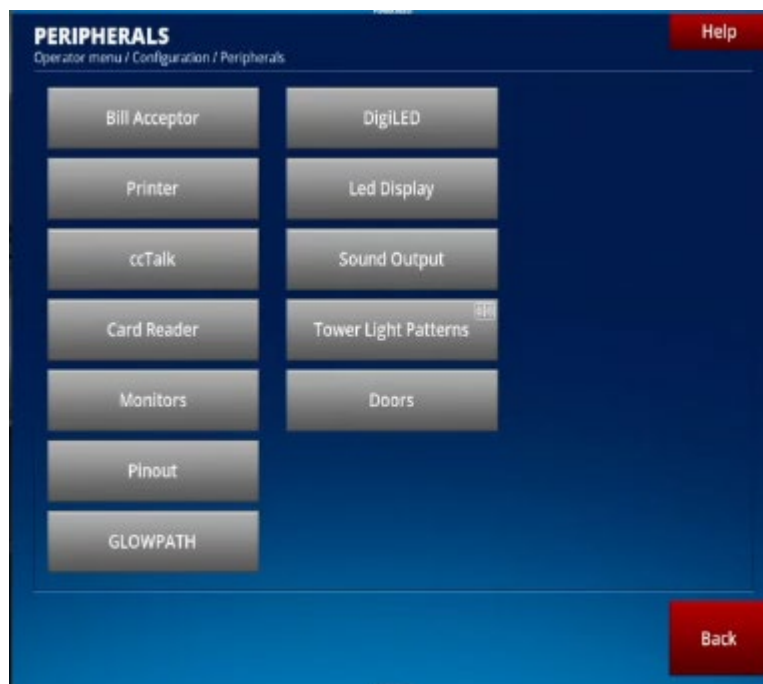
- To enable a disabled denomination, select the **Denom** and then select **Enable**.
- To change your payout percentage, select **Average Payout** and then select the desired percentage.



- Repeat these steps for each denomination.

3. **Peripherals:**

- Back out of the game theme menu and select **Peripherals**.



- Select the **Bill Acceptor menu**:
- Select Bill Type, select the installed bill acceptor type and back out, leaving all other settings at default.

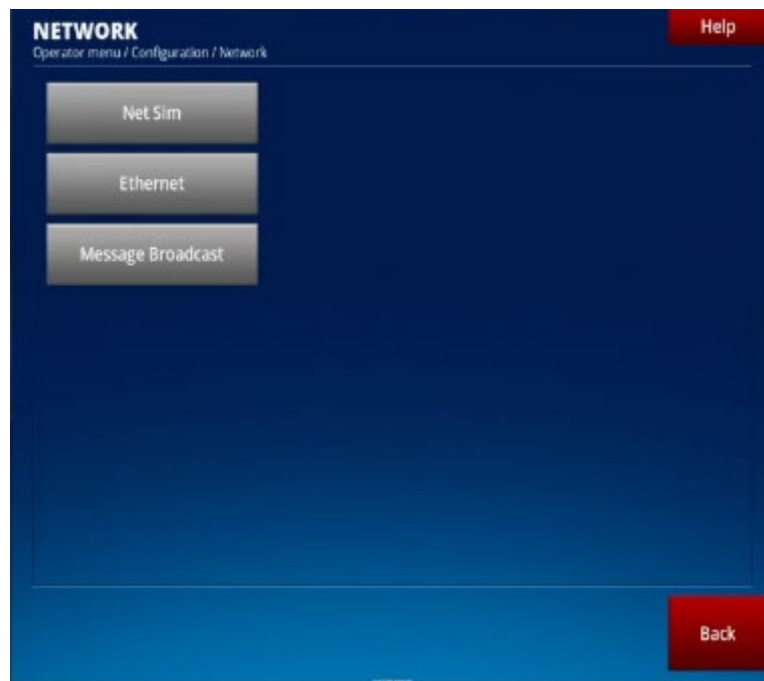


- Configure the **Printer**:
- Select Printer, select the installed printer type and back out, leaving all other settings at default.



4. Network Settings:

- Back out of the peripherals menu and select the **Network Menu**.



- Select **NetSim Menu**:



- Select **Machine Number** and enter the machine position on the bank.
- Select **Terminal Number** and enter the machine asset number.
- For HHR, disregard settings related to Net Sim, Ethernet Port, and IP Address, as these are applicable to Class 2 configurations only.
- Back out of the NetSim menu and select **Ethernet Menu**:

ETHERNET
Operator menu / Configuration / Network / Ethernet

Mode: DHCP

IP Address: 192.168.15.121

IP Mask: 255.255.255.0

IP Gateway: 192.168.15.1

Download Port: 1961

Breakpoint Port: 1970

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- Make sure you are pulling the correct IP address to connect to the HHR server.
- Backout of the **Ethernet** menu and go into the **HHR** menu.

HHR
Operator menu / Configuration / Network / HHR

Enabled: Disabled

Server URL: https://private-g2e.demo.esacta.dev

Device Name: BLU-00001B7CDC73

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HHR
Operator menu / Configuration / Network / HHR

Enabled: Enabled

Server URL: https://private-g2e.demo.esacta.dev

Device Name: BLU-00001B7CDC73

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- Enter the **Server URL** provided by Exacta.
- Select enable under the enabled menu. If it gives a server error or pool funding error, get with Exacta so they can correct it on the server side.

5. System Menu:

- Back out of the network menu and select **System Menu**.
- Select **EGM Serial Number** and enter the EGM serial number (format: BB-XXXX). The terminal number (asset number) should already be populated.
- Ensure **Hard Meter Unit** is set to \$0.00.



- Select **Jackpot and Credit Limits** menu:
- There are two different Jackpot and credit limit menus depending on the theme.

JACKPOT & CREDIT LIMITS Help
Operator menu / Configuration / System / Jackpot & Credit Limits

Max Ticket In/Elec. transfer <input type="text"/>	Jackpot Reset To Credits <input type="text"/>
\$1,000.00	Disabled
Max Bill In <input type="text"/>	Receipt on Jackpot Reset to Credits <input type="text"/>
\$1,000.00	Disabled
Max Credit <input type="text"/>	Check Money Over Max Limits <input type="text"/>
\$5,000.00	Disabled
Max Ticket <input type="text"/>	
\$5,000.00	
Upper Jackpot Limit <input type="text"/>	
\$1,200.00	
Jackpot Limit <input type="text"/>	
\$600.00	
Jackpot Limit (X Bet) <input type="text"/>	
300	

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JACKPOT & CREDIT LIMITS Help
Operator menu / Configuration / System / Jackpot & Credit Limits

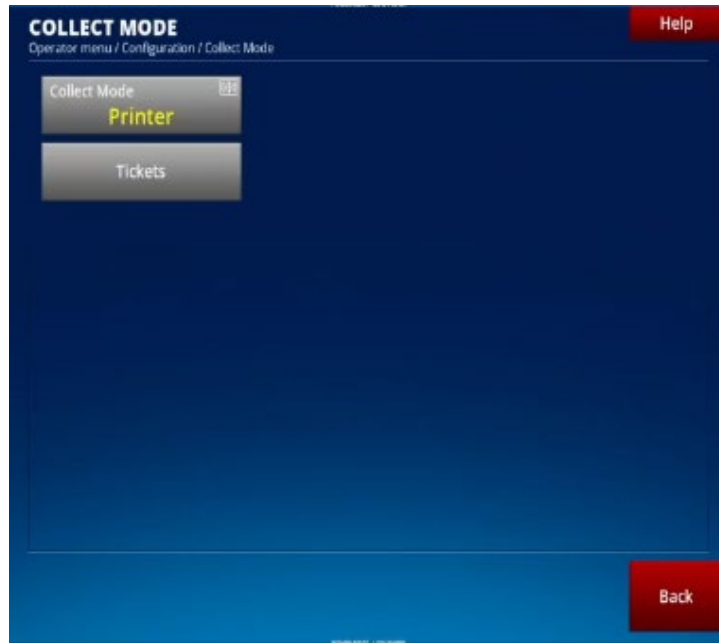
Max Ticket In/Elec. transfer <input type="text"/>	Jackpot Limit (X Bet) <input type="text"/>
\$1,000.00	300
Max Bill In <input type="text"/>	Min Progressive Lock <input type="text"/>
\$1,000.00	\$999,999.99
Max Credit <input type="text"/>	Jackpot Reset To Credits <input type="text"/>
\$5,000.00	Disabled
Max Ticket <input type="text"/>	Check Money Over Max Limits <input type="text"/>
\$5,000.00	Disabled
Upper Jackpot Limit <input type="text"/>	
\$999,999.99	
Jackpot Limit <input type="text"/>	
\$999,999.99	
Jackpot Limit HHR <input type="text"/>	
\$600.00	

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- Select **Min Progressive Lock** if the theme has it, input a value of 300x the max bet amount enabled.
- Select **Jackpot Limit** input a value of 300x the max bet amount enabled.
- Select **Upper Jackpot Limit** input a value of 300x the max bet amount enabled..
- Select **Max Ticket In** and enter the desired amount.
- Select **Max Credit** input a value higher than jackpot limit. Most properties use \$99,000
- Select **Max Ticket In/Electronic Transfer** at the top and enter the desired amount.
- Select **Max Bill** In and enter the desired amount.
- If using **Jackpot Resets to Credits**, enable it here (usually disabled along with **Check Money Over Max Limits**).

6. Collect Mode:

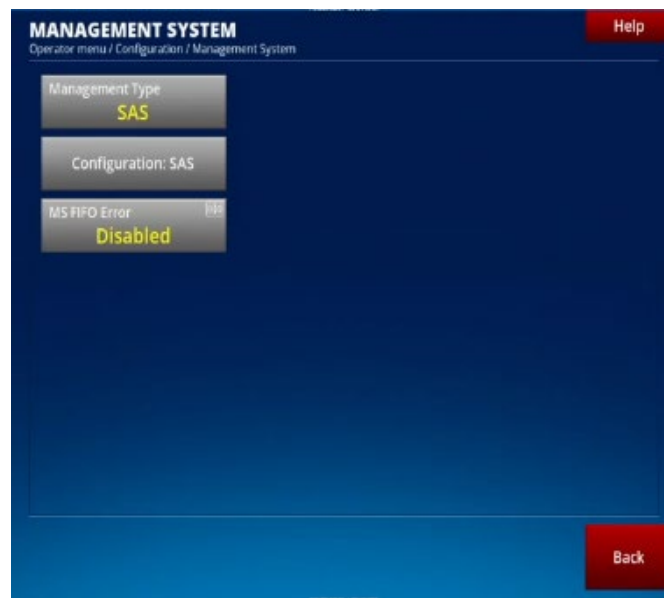
- Back out of the Jackpot and Credit Limits menu and the System Menu.
- Select **Collect Mode**:



- If using a printer, ensure the printer is selected.
- If using electronic transfer only without a TITO system, select Electronic Transfer.

7. Management System:

- Back out of Collect Mode and select Management System.



- Ensure **SAS** is selected under **Management Type**.
- Select **Configuration SAS** menu:

CONFIGURATION: SAS
Operator menu / Configuration / Management System / Configuration: SAS

SAS Machine Number 1	Ticket In & Ticket Out Enabled	Host Change Floor Location Disabled
SAS 2nd Machine Number 0	Legacy Bonusing Disabled	AFT Enabled
General Control Channel 1	AFT Bonusing Enabled	Asset Number 0
Validation Channel 1	SAS Link Down Error Disabled	Begin Registration Not registered
AFT Channel 1	Link Down Timeout (sec) 5400	Authentication Disabled
Legacy Bonusing Channel 1	Extended Validation Status Enabled	SAS Meter Change Cycles 1
SAS Validation Mode Standard	Host Change Asset Number Enabled	HP Receipt Enabled

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- Select **SAS Machine Number** and enter **1** to turn on **SAS port 1**.
- If using a SMIB device in SAS 2, select SAS 2nd Machine Number and enter the machine number on the bank. Change General Control Channel to 2 (used in lottery jurisdiction properties).
- Configure options based on your player tracking setup (selected by the property).
- Select Next Page for additional settings.
- If using a SMIB, ensure Pay Table Metering is enabled for remote access to paytables.

CONFIGURATION: SAS
Operator menu / Configuration / Management System / Configuration: SAS

SAS Machine Number 1	Ticket In & Ticket Out Enabled	Host Change Floor Location Disabled	Begin SAS in station based on last time slot Disabled
SAS 2nd Machine Number 0	Legacy Bonusing Disabled	AFT Enabled	Reset bill in stacker meters Disabled
General Control Channel 1	AFT Bonusing Enabled	Asset Number 1111	Per Pay Table Metering Disabled
Validation Channel 1	SAS Link Down Error Disabled	Begin Registration Not registered	Game Service based on Device Change Enabled
AFT Channel 1	Link Down Timeout (sec) 5400	Authentication Disabled	Game Service based on Device Event Enabled
Legacy Bonusing Channel 1	Extended Validation Status Enabled	SAS Meter Change Cycles 1	AFT Host Cashout Enabled
SAS Validation Mode System	Host Change Asset Number Enabled	HP Receipt in Speech Mode Disabled	Host Cashout Selection Disabled

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6. Finalizing the Setup

1. Review all settings to ensure they are configured correctly.
2. Exit out of all the menus.
3. Load the game.
4. The setup is now complete.



7. Troubleshooting

This section provides solutions to common issues encountered during the setup process.

RAM Clear Issues:

- Ensure the RAM clear card is properly inserted and reboot.

Monitor Calibration Problems:

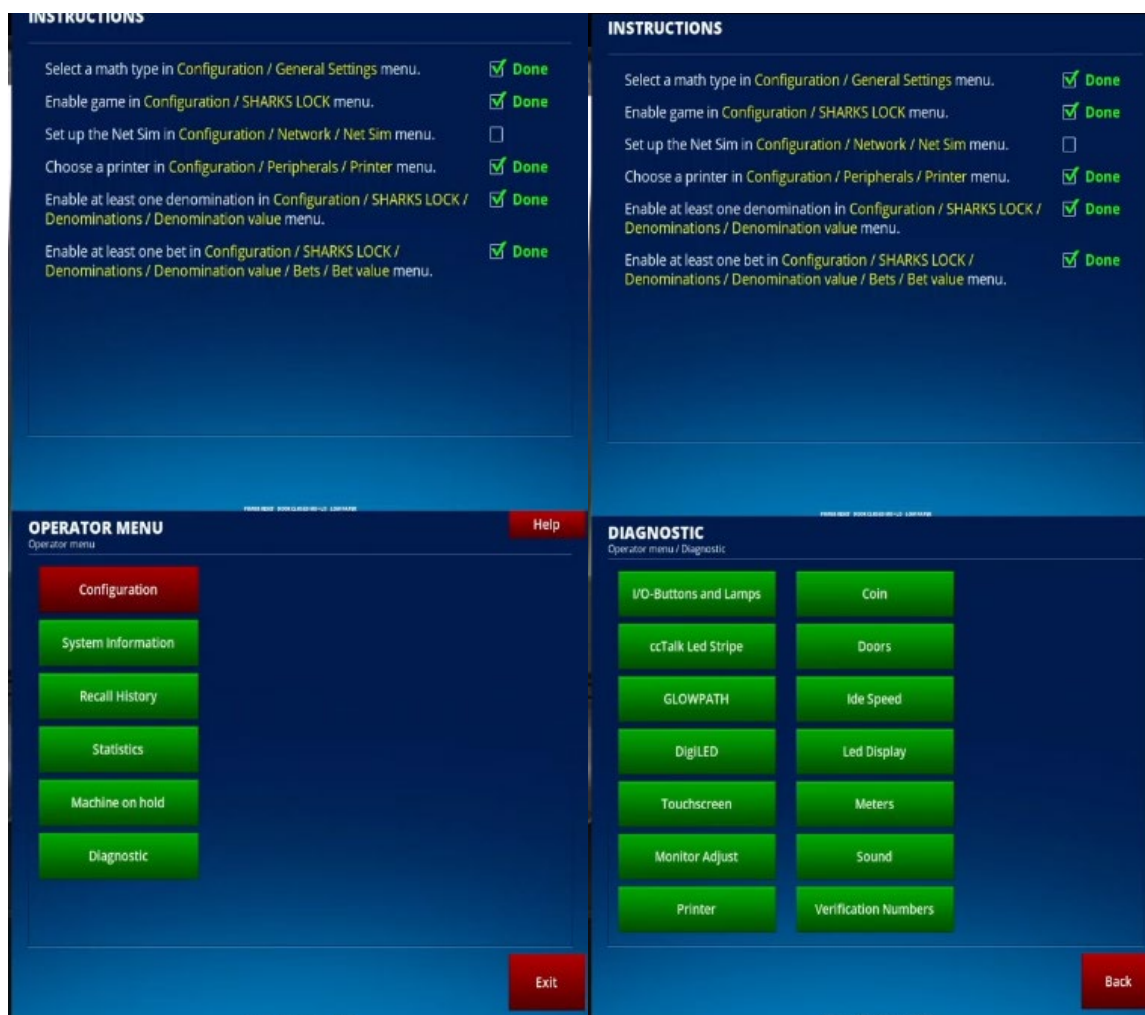
- Restart the calibration process by restarting the RAM clear process and ensure screens are clean and responsive.

Configuration Menu Access Issues:

- Check the menu key is tuned and ensure the main door is open.

Diagnostic Menu:

- From the system information page, select diagnostic menu. Here you can test each device to make sure it's functioning properly.





Contact Us

If you have any questions, comments, or feedback,

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