

OPERATIONS MANUAL

For Touch Panel Systems using the Flavor Burst® Flavor 10



Flavor Burst Company®

Danville, Indiana

Printed in November 2014

Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF Radiation Exposure and SAR Statements SAR Statement.

The Flavor 10* has been tested for body-worn Specific Absorption Rate (SAR) compliance. The FCC has established detailed SAR requirements and has established that these requirements. RF Exposure Information. The radio module has been evaluated under FCC Bulletin OET 65C (01-01) and found to be compliant to the requirements as set forth in CFR 47 Sections, 2.1093, and 15.247 (b) (4) addressing RF Exposure from radio frequency devices. This model meets the applicable government requirements for exposure to radio frequency waves. The highest SAR level measured for this device was 0.293W/kg.

**The Flavor 10 is also referred to as the Touch Panel throughout this manual.*

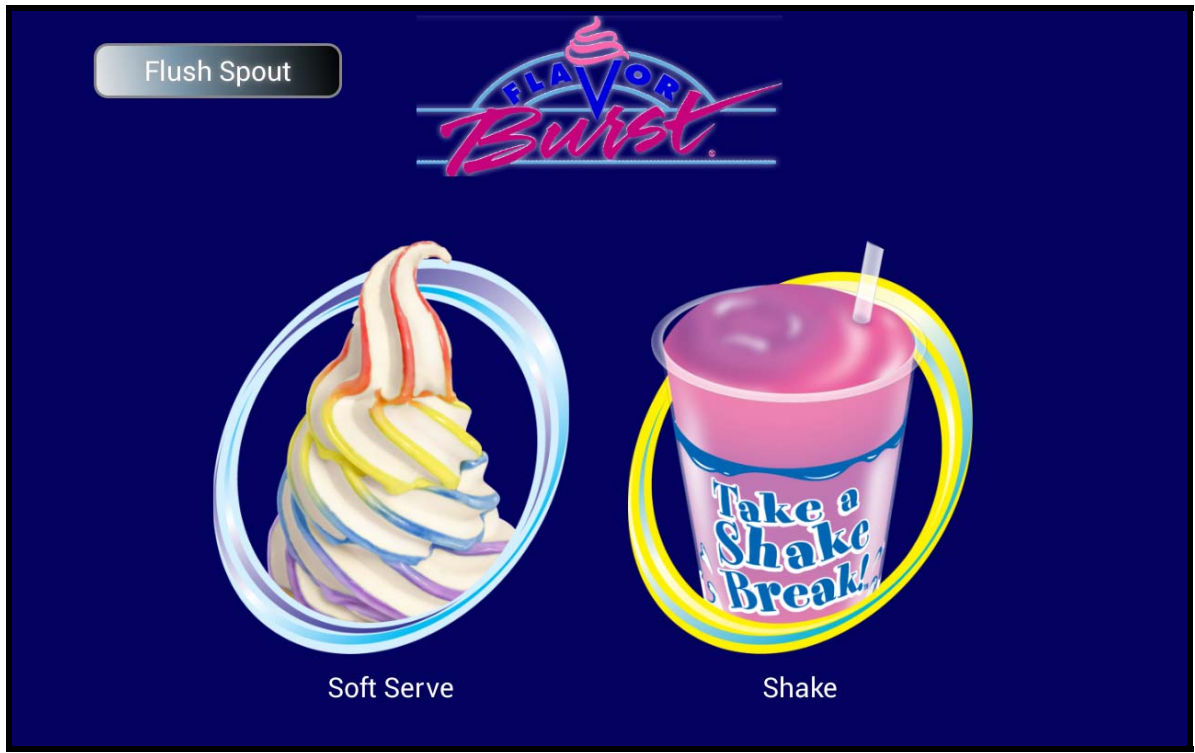
Operations Manual for Touch Panel Systems using the Flavor Burst Flavor 10

Table of Contents

OPERATIONS SCREENS.....	3
Product Selection Screen.....	3
Flavor Selection Screen.....	5
MAINTENANCE MENU.....	6
Choose Available Languages.....	6
Password Setup.....	7
Equipment Setup Wizard.....	8
Communications Setup.....	9
Register Equipment.....	10
Setup Trays and Dispense Speeds.....	10
General Settings.....	11
Flushing and Priming Settings.....	12
Flushing Functions.....	13
Priming Functions.....	14
Enable or Disable Serving Options.....	15
Setup Containers, Sizes, and Prices.....	17
Adjust Serving Duration.....	18
Edit Flavor Names.....	19
Edit Recipes.....	20
Design Buttons.....	21
Multimedia Options.....	22
Transfer Files to Touch Panel.....	23
Motor Log.....	24
Backup and Restore.....	25
Exit Application.....	25

OPERATIONS SCREENS

Product Selection Screen



Once the application is opened, or when the operator exits the "Maintenance Menu" screen, a "Product Selection" screen is shown. There will be either one or two types of products that can be selected, depending on the store's setup.

On this screen, you *may* also see a flush button if it has been enabled. This flush button will allow you to flush the spout(s) that have flushing capability. Flushing is used to clear the injector head of product that may have been left over from the previous serving.

The screen also shows flags pertaining to the various languages that have been enabled. Touching a flag will change the language that is displayed.

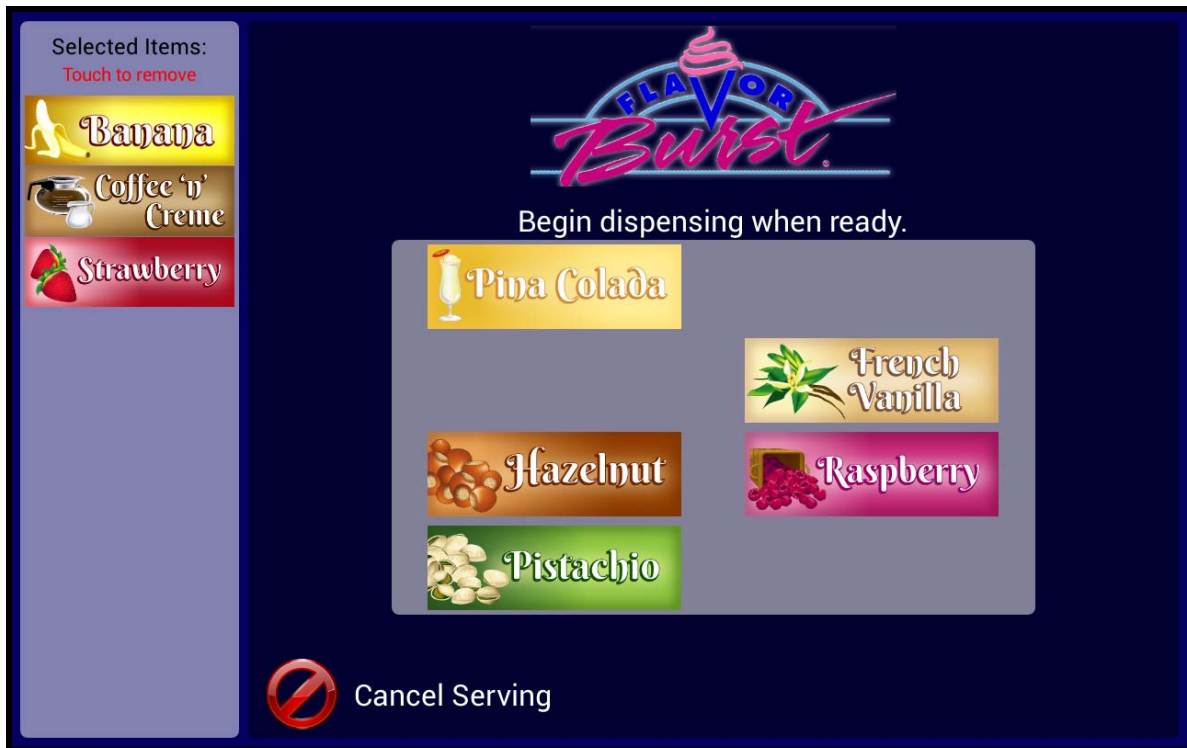
The logo at the top of the screen is used to gain access to the setup menu. By long-pressing it, the operator will be allowed to perform maintenance and change settings on the system. A password is required to gain access if the setting is set in the "Password Setup" screen. If a password is forgotten, a procedure has been established to obtain an override password.



Once a user selects a product type from this screen, the operator will be given one of three choices: Proceed to the flavor selection screen, enter the "container type", or enter the "size". Which option is displayed will depend on the options selected under the maintenance menu. Eventually, the operator will select an option to proceed to the "Flavor Selection" screen.

This screen will reset its values if the operator does not interact with it within a pre-determined time. Also, if enabled, a multimedia presentation will be displayed after a period of inactivity.

Flavor Selection Screen



Here, the operator can choose from a variety of different flavors that have been installed and enabled in the system. What will be displayed will depend on the "product type" selected in an earlier screen. There could be as many as 16 flavors displayed here. Most operations will show 8 flavors. As the user selects various product types, a list on the left-hand side of the screen will show the selections. The operator can remove the selections by touching on them in that list. If timed-servings has been enabled, the list will permit only enough flavors to be selected as will fit into the size/type of serving selected.

Additionally, if the recipe option has been set up, a button may be displayed at the top of the screen. Touching that button will allow for pre-defined sets of flavors, or recipes, to be selected. Selecting a recipe will automatically add those items to the selection list.

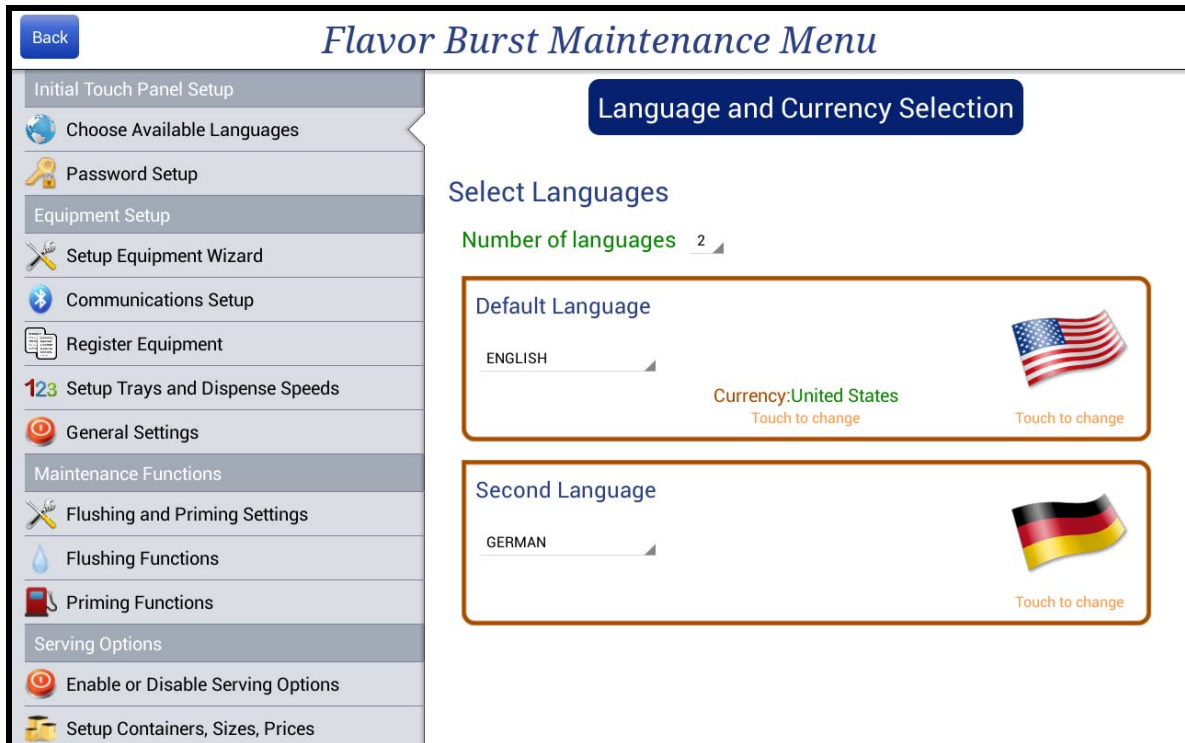
Once the user has finished making his selections, he may then begin dispensing product. This is done by dispensing product from the machine to which the Flavor Burst machine is attached. If timed-servings has been enabled, a warning will be displayed when it is time to close the spout because the syrup has finished its dispensing sequence.

This screen will reset its values if the operator does not interact with it within a pre-determined time. The logo can be used on this screen for access to the maintenance menu as well.

Maintenance Menu

On the left-hand side of the screen are various maintenance options. The list can be scrolled up and down. When an item is selected from this list, a panel is opened on the right-hand side of the screen that will allow configuration changes. Some screens, such as the "Equipment Setup Wizard" will open up in a full screen, but it will return to the split menu "Maintenance Menu"

Choose Available Languages



Here, the operator has the ability to enable languages that have been programmed into the application. Also, the default currency is set on this screen.

Password Setup

The screenshot shows the 'Flavor Burst Maintenance Menu' interface. On the left is a sidebar menu with categories: Initial Touch Panel Setup, Equipment Setup, Maintenance Functions, and Serving Options. The 'Password Setup' option is highlighted. The main area is titled 'Password Maintenance' and contains two sections: 'Change Operator Password' and 'Change Administrator Password'. The 'Change Operator Password' section has a toggle for 'Require Operator password for access to Maintenance Menu' set to 'On', followed by two input fields for a new password and its confirmation, with a 'Not enough characters' error message. The 'Change Administrator Password' section has two empty input fields for a new password and its confirmation.

Flavor Burst Maintenance Menu

Back

Initial Touch Panel Setup

- Choose Available Languages
- Password Setup**

Equipment Setup

- Setup Equipment Wizard
- Communications Setup
- Register Equipment
- 123 Setup Trays and Dispense Speeds
- General Settings

Maintenance Functions

- Flushing and Priming Settings
- Flushing Functions
- Priming Functions

Serving Options

- Enable or Disable Serving Options
- Setup Containers, Sizes, Prices

Password Maintenance

Change Operator Password

Require Operator password for access to Maintenance Menu ☒ On

Enter a new Operator password (minimum 4 characters)

Type the password again

Not enough characters

Change Administrator Password

Enter a new Administrator password (minimum 4 characters)

Type the password again

There are two levels of passwords for the system:

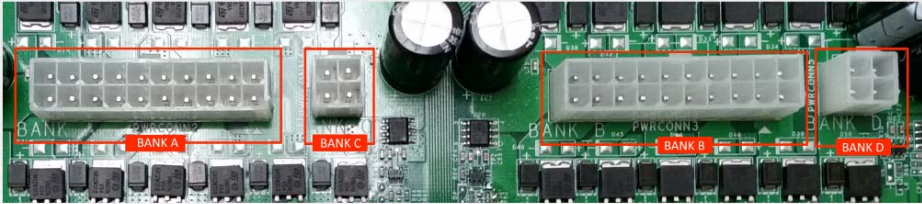
The Operator password is established so that the general public does not have the ability to enter the "Maintenance Menu". However, if the store owner does not enable the Operator password, anyone can access the "Maintenance Menu".

The Administrator password can be changed on this screen. This password is required to access certain maintenance screens that require greater authorization. For example, the ability to transfer multimedia files to the tablet is restricted to administrators so that inappropriate material is not inadvertently displayed on the touch panel.

Equipment Setup Wizard

Equipment Setup Wizard

Step 5



There are pump/motor connectors labeled A and B on the driver board. Please choose which connector is used by each Flavor Burst machine:

Flavor Burst Machine #1:

Flavor Burst Machine #2:

There are two injector connectors located on the driver board labeled C and D. Each dispensing spout needs to be assigned to an injector connector.

SPOUT 1 (Soft Serve):

SPOUT 2 (Shake):

Each machine requires a switch to activate it. Please choose which switch input that will be assigned to each spout:

This screen is used to setup the hardware in the system. It will guide the operator through the process.

The first screen asks the operator to input the number and types of machines installed.

If there are two machine cabinets attached. The next screen will ask the user to enter the number of spouts out of which product will be dispensed. Two machines can be connected to one spout to dispense onto one product from both machines. If the "Same Spout" option is chosen, the operator will be asked to choose between "layered" or "blended" product. "Layered" tells the system to dispense flavor sequentially, not at the same time. Conversely, "Blended" tells the system to dispense flavors simultaneously.

The next screens ask what you wish to call the type of product. This description is displayed on the "Product Selection" screen.

The next screen asks the user to name the spout. In situations where two machines dispense out of different spouts, it might be beneficial to refer to a specific spout by name to guide the operator through dispensing a product.

The final screen asks the operator to map the cable connections from the cabinet(s) to the ports on the electronic control board. There are two ports of each type. So, if only one machine is being attached, it could be attached to either port. This creates redundancy in the event one port has a failure. If two machines are attached, the system needs to know which ports are being used for the respective machines.

Also on that screen is a question regarding the activation switch. The switch, when depressed, signals to the touch panel that it needs to begin its dispensing sequence. The switch, or "switches" in a dual-machine/dual spout system, can be attached via a wire directly into the touch panel. However, there is an internal receiver installed in the touch panel that can accept signals wirelessly. This removes the need for a switch wire. The transmitter is then attached to the soft-serve machine (or other type of product) and signals to the touch panel whenever the operator begins to dispense product. The operator must choose on this screen which switch port is being used (wireless or hardwired).

Communications Setup

Flavor Burst Maintenance Menu

Communications Setup Test Pump

Select a Communication Method:

☒ Bluetooth
☐ Serial

Bluetooth Setup

Bluetooth Adapter Status ON

Select Bluetooth Device Select

Device Chosen: Patrick-2000

MAC address: 00:0D:18:A1:6A:5F

Bluetooth Communication Status: Waiting for response from driver board.

Serial Communications Setup

Serial Communications Status: Serial Available

The operator has the ability to choose what type of communication to use in order for the touch panel to communicate with the control board. Normally, the operator will choose serial communications. If so, no further setup is required.

However, if the operator chooses Bluetooth, then a Bluetooth device must be selected. **PLEASE NOTE**, however, that additional setup on the touch panel is required outside of this app **prior** to changing settings through the app. On the touch panel's Android operating system, the operator should go to the "settings" screen and turn on "Bluetooth". The system will then search for Bluetooth signals. Select "Patrick-2000" and enter the code numbers 0000. Once the device is successfully "paired", then you can open the Flavor Burst app and set up the Bluetooth settings.

Once you've setup the Bluetooth settings via Android, you must now set it up in the Flavor Burst app. To do so, make sure the "Bluetooth Adapter Status" shows "ON". Touch the "Select" button next to "Select Bluetooth Device". Now, select the paired Bluetooth device. After a few seconds, the "Bluetooth Communications Status" should indicate that it is connected.

Register Equipment

This menu is currently not enabled.

Setup Trays and Dispense Speeds

Back *Flavor Burst Maintenance Menu* **Tray Configuration** **Change Machine**

Select a flavor to change.

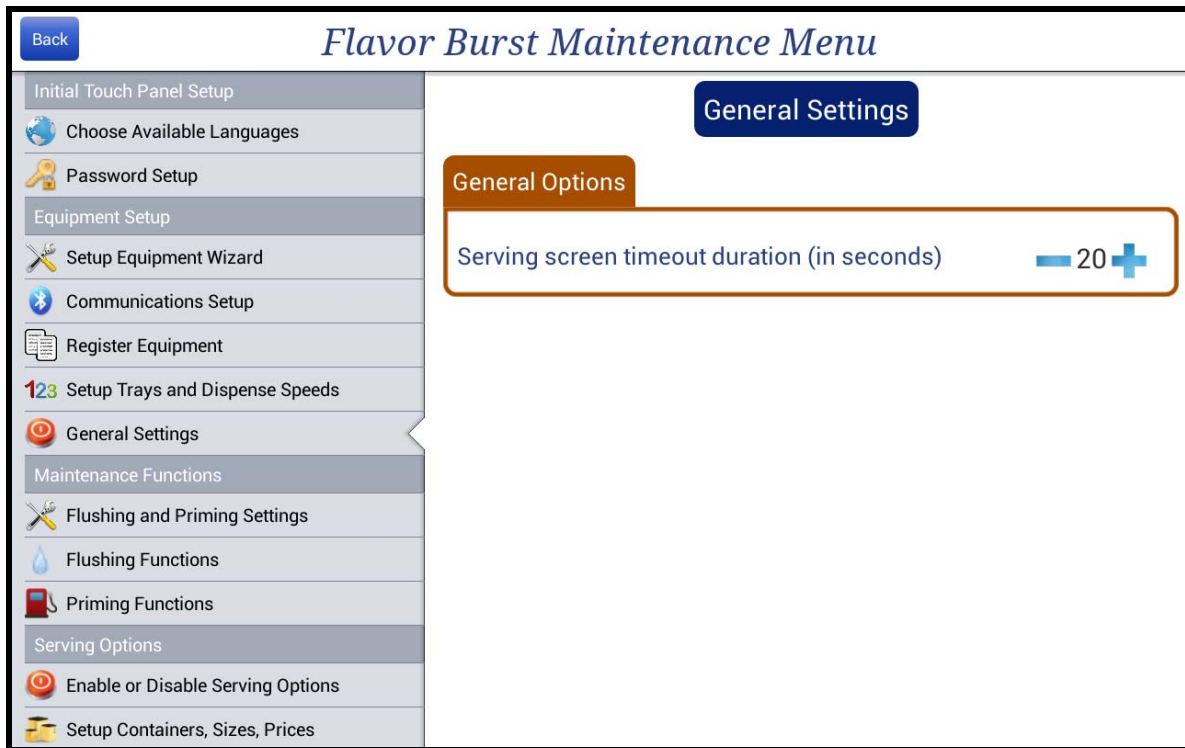
Tray	Enabled	Description	Dispense Speed
1	☒	Pina Colada Pina Colada	Dispense Speed 7
2	☒	Strawberry Erdbeere	Dispense Speed 10
3	☒	Banana Banane	Dispense Speed 5
4	☒	Carmel Karamell	Dispense Speed 7
5	☒	Cinnamon Zimt	Dispense Speed 6
6	☒	Raspberry Raspberry	Dispense Speed 8
7	☒	Pistachio Pistachio	Dispense Speed 5
8	☒	Coffee and Creme Coffee and Creme	Dispense Speed 6

This screen allows the user to enable trays to allow dispensing, change to a different syrup in a particular tray, and change dispense speeds. If there is more than one cabinet of syrups installed on this touch panel, a "Change Machine" button will be displayed at the upper right-hand corner of the screen. This will give the operator an opportunity to perform the same functions on the second machine.

To change the flavor, touch on the flavor name. A list will then be displayed that will allow you to select a different flavor. Also, the flavor name can be edited so that it can be customized to the operator's preference. Additional flavors can be added to the list from this screen by selecting the "Add a new flavor" at the bottom of the screen. Once the operator is finished selecting a new flavor, he will be returned to the first screen.

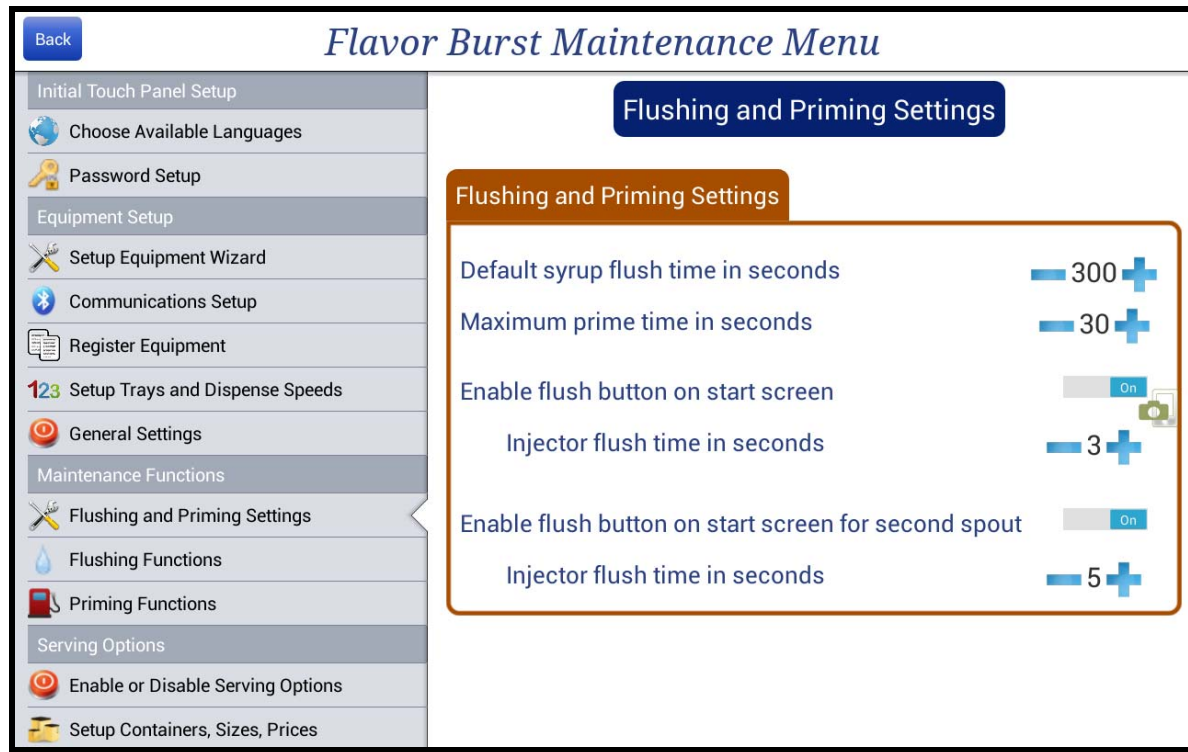
The dispense speed may be changed by sliding the slider bar right or left. The speeds range from 1 to 10, with 10 being the fastest. In situations where the operator does not feel the flavor output adequate or is excessive, changes here to the speed will resolve the problem.

General Settings



The settings listed here pertain generally to the system. They are not necessarily tied to what kind of machines are installed. For example, the "Serving screen timeout duration" setting allows the operator to define how long the touch panel waits while inactive before it begins a multimedia presentation.

Flushing and Priming Settings



In order for flushing or priming settings to work, the system must have sanitizer or water in the tank. For sanitation, only FRESH sanitizer is recommended. Sanitizer solution that is a few days old becomes ineffective and may not clear the system of all bacteria present. Additionally, sanitizer that is hot will be much more effective in cleaning the system.

These settings pertain to the flushing and priming functions of the machines:

- Default syrup flush time in seconds: The amount of time the system should flush a line. This flushing is normally done to sanitize a line.
- Maximum prime time in seconds: The amount of time the system should pump syrup in order to prime the line. This is often done after a line is flushed and the syrup is reinstalled into the system.
- Enable Flush button on start screen - When enabled, a button will be displayed on the "Product Selection" screen allowing the operator to flush the head with water. It is NOT recommended that this button be displayed when the system is in a self-serve environment. Additionally, there operator can set up the amount of time water should be dispensed from the head when the flush button is selected.

Flushing Functions

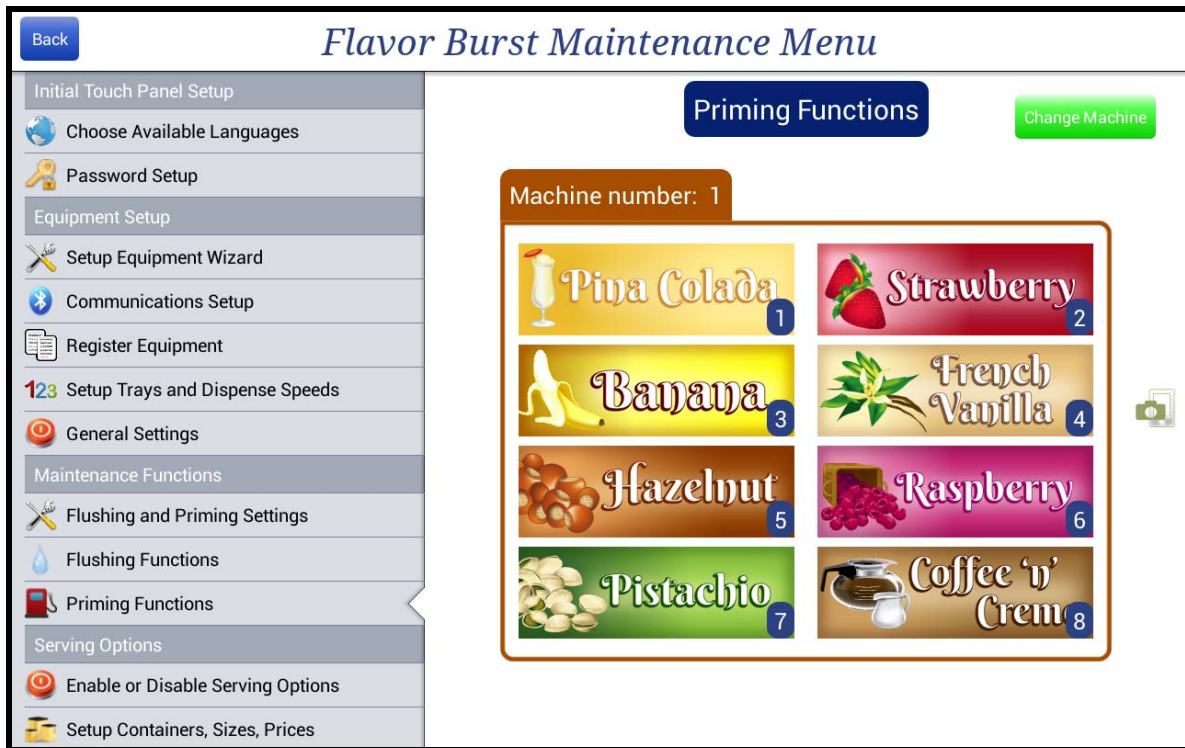


This screen allows the operator to flush a line with sanitizer or flush the head with sanitizer or water. If there is more than one cabinet of syrups installed on this touch panel, a "Change Machine" button will be displayed at the upper right-hand corner of the screen. This will give the operator an opportunity to perform the same functions on the second machine.

In order to flush the head, the operator must press and hold the "Flush Button" at the top right-hand side of the screen.

To flush a line with sanitizer, ensure new sanitizer solution is in the tank (preferably hot). The connector attached to the bag must be removed and connected to the sanitizer tube located at the bottom of the machine. Press one of the syrups. A panel will pop up on the screen that will allow the operator to choose between an indefinite flush time or a predetermined flush time. A recommended flush time of 10 minutes is suggested. Put a container under the spout and press one of those buttons to activate the flush. During this time, you will not be able to perform other functions on the touch panel. After the system has completed flushing, it will stop automatically. You may choose to flush another line at this point.

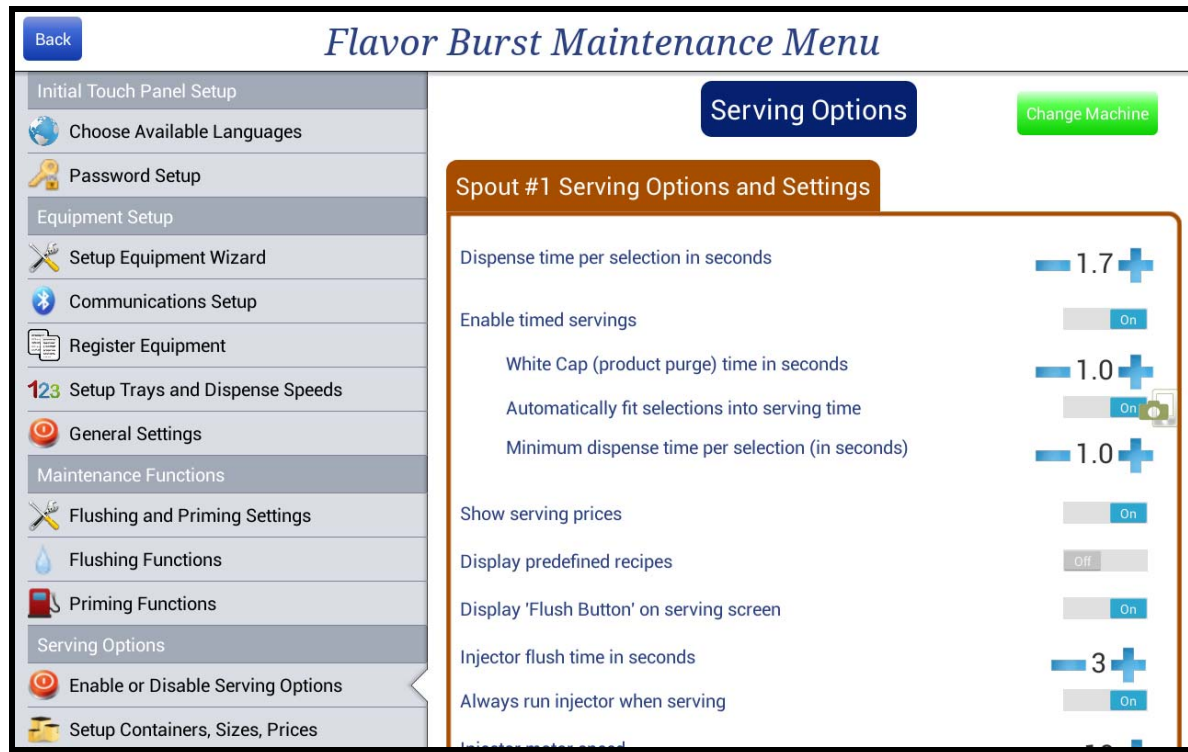
Priming Functions



Options here are similar to the "Flushing Functions" shown above. However, it is used to fill the lines with syrup after a flush has been done. Also, it should be used to freshen the syrup if the syrup has been sitting in the line for a few days without use. Syrup in the lines lose flavor over time.

In order to prime the line, the operator simply needs to put a container under the spout and select a flavor. Once fresh flavor begins to dispense from the spout, the operator should manually stop the priming function. The priming will stop automatically, however, after the specified time is reached as set under "Flushing and Priming" settings. While priming is active, no other functions can be performed on the touch panel.

Enable or Disable Serving Options



The operator can set serving-specific options on this screen. If there is more than one cabinet of syrups installed on this touch panel dispensing to two spouts, a "Change Machine" button will be displayed at the upper right-hand corner of the screen. This will give the operator an opportunity to perform the same functions on the second machine. Certain machine configurations will prevent some of the functions listed here from being displayed.

- Dispense time per selection: This is the amount of time in seconds that each flavor that is selected will dispense before dispensing the next flavor. It is only applicable to multi-flavored servings in a system where the product is set to be "layered", not "blended".
- Enable timed servings: When enabled, the operator has the ability to select other options.
 - o A white-cap time can be set that allows the pumps to turn off at a set time before the system indicates to the operator that the serving has ended. This allows for unflavored product to dispense at the end of the serving to help facilitate the remove of any residual syrup in the head.
 - o The operator can tell the system to "squeeze" as many flavors as possible into a serving size by reducing the "Dispense time per selection" setting. This may be helpful for small servings that have a quick dispense time.
 - o If the above option is selected, then the minimum amount of time between the dispensing of different syrups should be selected here. If the operator selects too many syrups to fit into the serving under these parameters, the system will prevent the user from adding any more selections to the serving.

- Show serving prices: This enables prices to be displayed on the "Product Selection" screen. These prices need to be set up under "Setup Containers, Sizes, Prices"
- Display predefined recipes: Sets of flavors may be combined into a custom recipe for faster selection. If this option is selected, a button will be displayed on the "Flavor Selection" page. If that button is pressed, a list of predefined recipes will be displayed.
- Display Flush Button on serving screen: When enabled, a button will be displayed on serving (Product Selection) screen. It will allow the operator to flush the head between servings to clear out residual product. It is not recommended that this option be enabled under a self-serve environment. This option can also be found under "Flushing and Priming Settings".
- Injector flush time in seconds: If the above option is enabled, then this setting tells the system how long the flush should run when the Flush button is touched. This option can also be found under "Flushing and Priming Settings".
- Always run injector when serving: Sometimes, it is helpful to run the injector while serving even when syrup isn't being dispensed. It is required for CrunchiCreme machines, but it can also be helpful to create a more consistent serving experience between flavored and non-flavored servings.
- Injector motor speed: The speed of the injector motor may be adjusted here. In situations where the soft-serve product is not soft and dispenses slowly, this function can reducing the "spinning" of the product as it exits the spout.

Setup Containers, Sizes, and Prices

The screenshot displays the 'Flavor Burst Maintenance Menu' interface. On the left is a vertical sidebar with various settings categories. The main area is titled 'Configure Serving Types, Sizes, and Prices' and is for 'Spout #1'. It shows two main serving types: 'Cone - Kegel' and 'Cup - Tasse'. Each serving type has a list of sizes with toggle switches and prices. The 'Cone' section has five sizes, with the first three (Small, Medium, Large) being 'ON' and having prices of \$1.00, \$1.50, and \$2.00 respectively. The last two (Extra Large, Liter) are 'OFF' and have a price of \$0.00. The 'Cup' section has two sizes, both 'ON' with a price of \$0.00. Buttons for 'Edit Size Names', 'Change Machine', and 'Edit Serving Type' are visible.

Serving Type	Size	Status	Price
Cone - Kegel	Small - Wenig	ON	\$1.00
	Medium - Medium	ON	\$1.50
	Large - Große	ON	\$2.00
	Extra Large - Extra Große	OFF	\$0.00
	Liter - Liter	OFF	\$0.00
Cup - Tasse	Small - Wenig	ON	\$0.00
	Medium - Medium	ON	\$0.00

The "Product Selection" screen has the ability to require the operator to choose from preset containers (cups, cones, etc) and sizes. As many as five serving containers per spout and five sizes can be enabled. The names of the containers and sizes can be customized here.

The operator can only change these settings if "Enable timed servings" is set from the "Enable or Disable Serving Options" page. At least one size and container must be selected if timed-servings is enabled.

Prices can also be established here, but they will only be displayed if "Show serving prices" option is enabled under "Enable or Disable Serving Options".

If there is more than one cabinet of syrups installed on this touch panel dispensing to two spouts, a "Change Machine" button will be displayed at the upper right-hand corner of the screen. This will give the operator an opportunity to perform the same functions on the second machine. Certain machine configurations will prevent some of the functions listed here from being displayed.

Adjust Serving Duration

Back

Flavor Burst Maintenance Menu

General Settings

Maintenance Functions

Flushing and Priming Settings

Flushing Functions

Priming Functions

Serving Options

Enable or Disable Serving Options

Setup Containers, Sizes, Prices

Adjust Dispense Time Limits

Flavor/Mix-In Options

Edit Flavor Names List

Edit Recipes

Multimedia Files Setup

Design Button Icons

Multimedia Options

Transfer files to touch panel

Adjust Serving Duration

Change Machine

Spout #1

Cone

Small6.0+

Medium8.7+

Large6.0+

Cup

Small6.0+

Medium6.0+

Large6.0+

Extra Large6.0+

Waffle Cone

Add or Delete Serving Types or Sizes

This is the screen where the operator can define how long the machine should dispense before a message is displayed on screen telling the operator to stop dispensing. These options are only visible if "Enable Timed Servings" is set from the "Enable or Disable Serving Options" page.

Edit Flavor Names

The screenshot displays the 'Flavor Burst Maintenance Menu' interface. On the left is a sidebar with various settings categories, including 'Edit Flavor Names List' which is currently selected. The main area features a title bar with 'Back', 'Edit Flavor List', and 'Change Machine' buttons. Below this, the language is set to 'English/German'. A table lists ten flavors, each with a 'Delete' button and an 'Edit Name' button. The flavors and their German equivalents are: Chocolate (Schokolade), Strawberry (Erdbeere), Black Cherry (Schwarz Kirsche), Peach (Pfirsich), Bubblegum (Bubble-Gum), Butterscotch (Karamellbonbon), Pina Colada (Pina Colada), Green Apple (Grüne Apfel), Butter Pecan (Butter Pecan), and Classic Cherry. An 'Add a new flavor' button is located at the bottom right of the list.

Flavor	German Name	Delete	Edit Name
Chocolate	Schokolade	Delete	Edit Name
Strawberry	Erdbeere	Delete	Edit Name
Black Cherry	Schwarz Kirsche	Delete	Edit Name
Peach	Pfirsich	Delete	Edit Name
Bubblegum	Bubble-Gum	Delete	Edit Name
Butterscotch	Karamellbonbon	Delete	Edit Name
Pina Colada	Pina Colada	Delete	Edit Name
Green Apple	Grüne Apfel	Delete	Edit Name
Butter Pecan	Butter Pecan	Delete	Edit Name
Classic Cherry		Delete	Edit Name

The operator can add/delete flavors and change flavor names from this screen. If multiple machine cabinets are attached to the touch panel, a button in the upper right-hand side of the screen will allow the user to switch between machines.

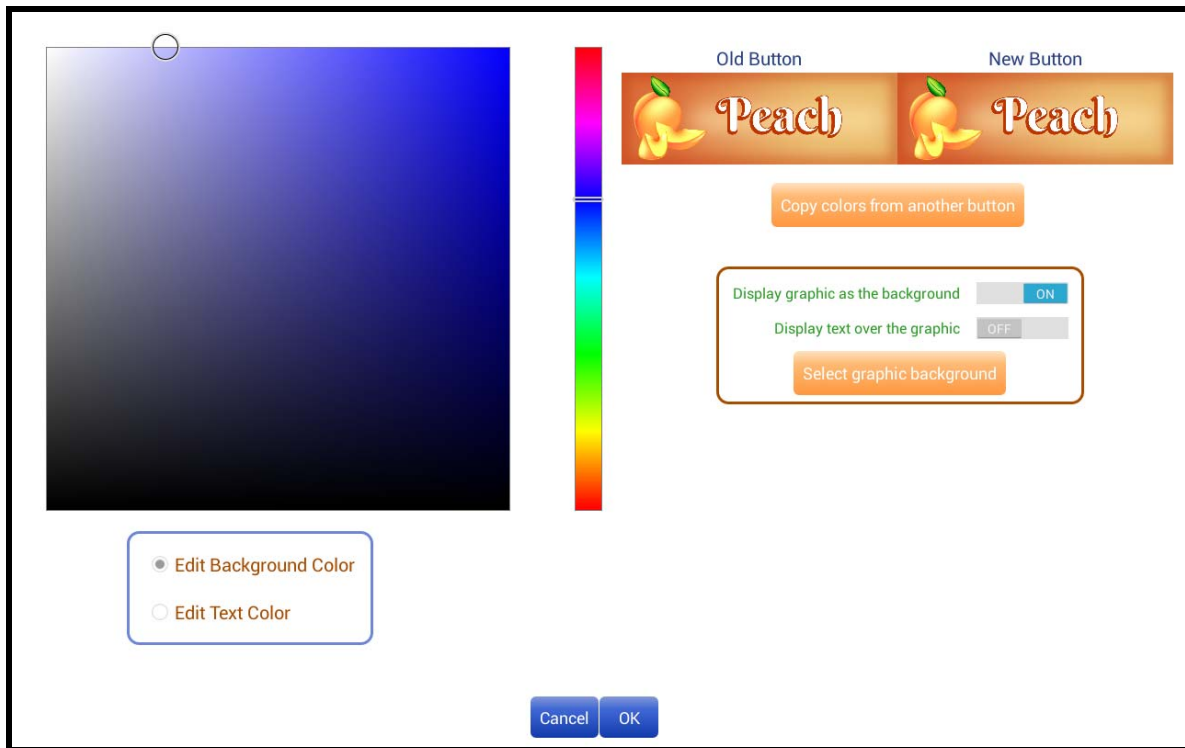
Edit Recipes



Groups of flavors can be defined here, allowing quick selections of recipes from the "Flavor Selection" screen. If there is more than one cabinet of syrups installed on this touch panel dispensing to two spouts, a "Change Machine" button will be displayed at the upper right-hand corner of the screen. This will give the operator an opportunity to perform the same functions on the second machine.

The operator begins by touching the "Add Recipe" button. Then, a name for the recipe is assigned. Recipe ingredients are subsequently chosen and added to the recipe. The recipe button can be visually enhanced by touching the button and configuring colors or graphics. The method to design the buttons is identical to method used on the "Design Buttons" screen.

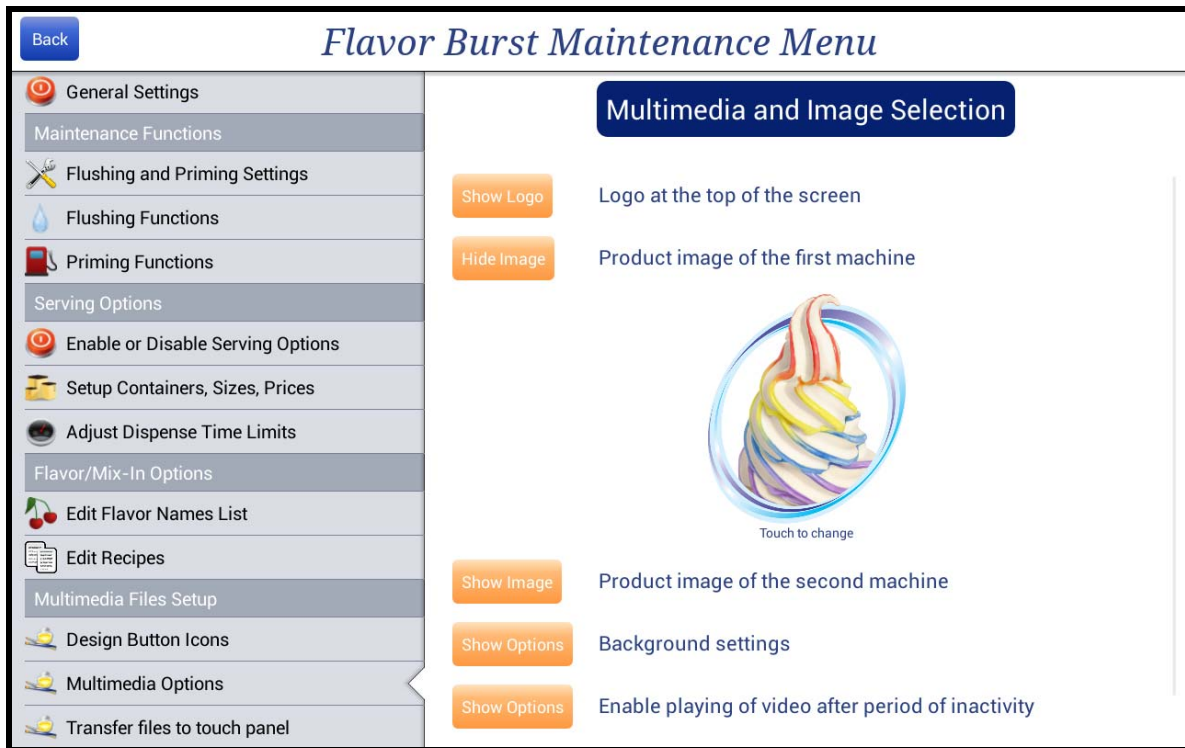
Design Buttons



The operator is given a list of syrup buttons that will be displayed on this machine. The user can select a button he wishes to edit. The next screen allows the user to select text and background colors. Alternatively, he can copy the color scheme from another button by selecting the "Copy colors from another button" button.

If a graphical image for this button has been copied to the touch panel, then it can be selected. First, the operator must turn on the switch marked "Display graphic as the background". Then, he must select whether he wants the flavor name overlaid over the graphic ("Display text over graphic"). Finally, by pressing the "Select graphic as background" button, a graphical image may be assigned to the button.

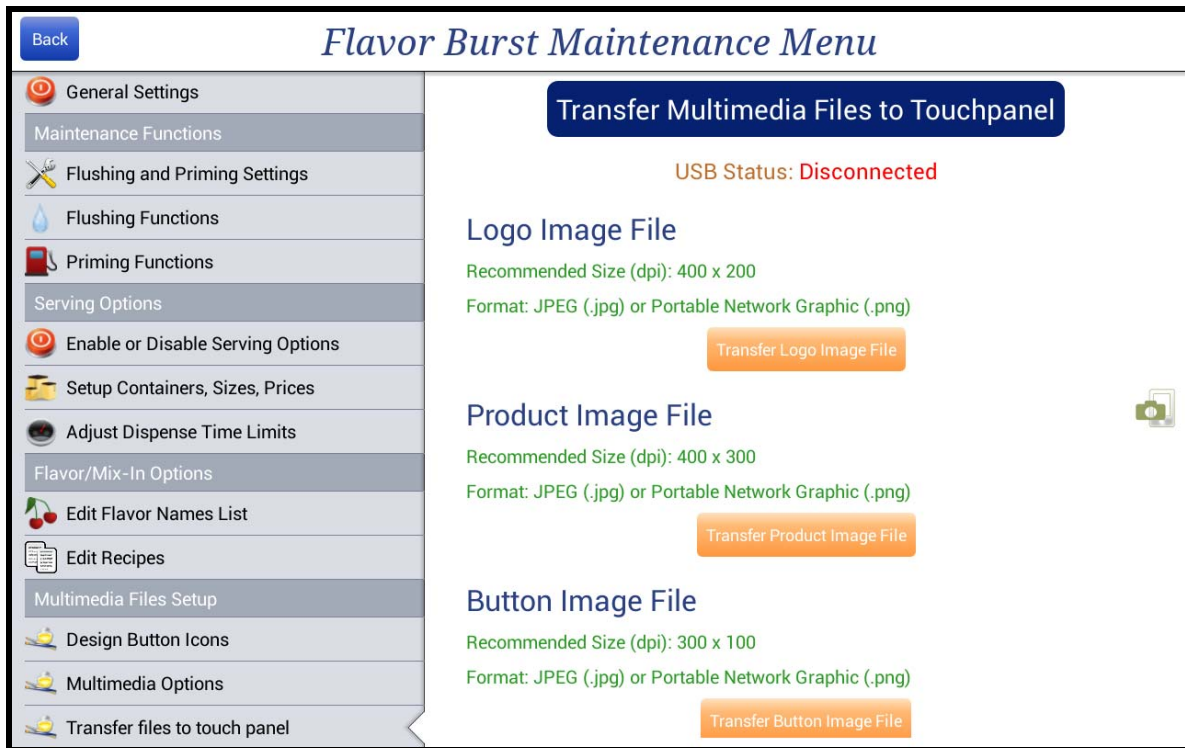
Multimedia Options



This screen allows the user to select images, colors, and videos shown in various areas of the touch panel. If specific files are not located on the touch panel, they can be transferred from a thumb drive via the "Transfer files to touch panel" option under the Maintenance Menu list.

- Logo at the top of the screen: A logo image can be chosen here which will be displayed at the top of the "Product Selection" screen.
- Show Image: Under this section, an image can be selected for each product type. This is the main product image shown on the "Product Selection" screen.
- Background Settings: The background of the "Product Selection" and "Flavor Selection" screens can be customized here. A color, graphical background, or video can be selected here. It is recommended that videos selected here are looping and relatively short.
- Enable playing of video after period of inactivity: If this option is selected, the operator has the ability to select the timeout in seconds of inactivity when the video should begin playing. It serves as a screen saver that can help bring attention to this machine or to other items the store wishes to merchandise. The video file and volume level can be selected here.
- Change touch sound and volume: The sound made when a user makes a selection can be customized here. Additionally, the volume of the touch sound can be adjusted.

Transfer Files to Touch Panel



The operator can select files located on an attached thumb drive to be copied to their respective folders on the touch panel. Recommended sizes are listed for each file. If no thumb drive is attached, a message at the top of the screen indicates "USB Status: Disconnected". Otherwise, it will show as connected.

Motor Log

Back

Flavor Burst Maintenance Menu

Priming Functions

Serving Options

Enable or Disable Serving Options

Setup Containers, Sizes, Prices

Adjust Dispense Time Limits

Flavor/Mix-In Options

Edit Flavor Names List

Edit Recipes

Multimedia Files Setup

Design Button Icons

Multimedia Options

Transfer files to touch panel

Other

Motor Log

Backup and Restore

Exit Application

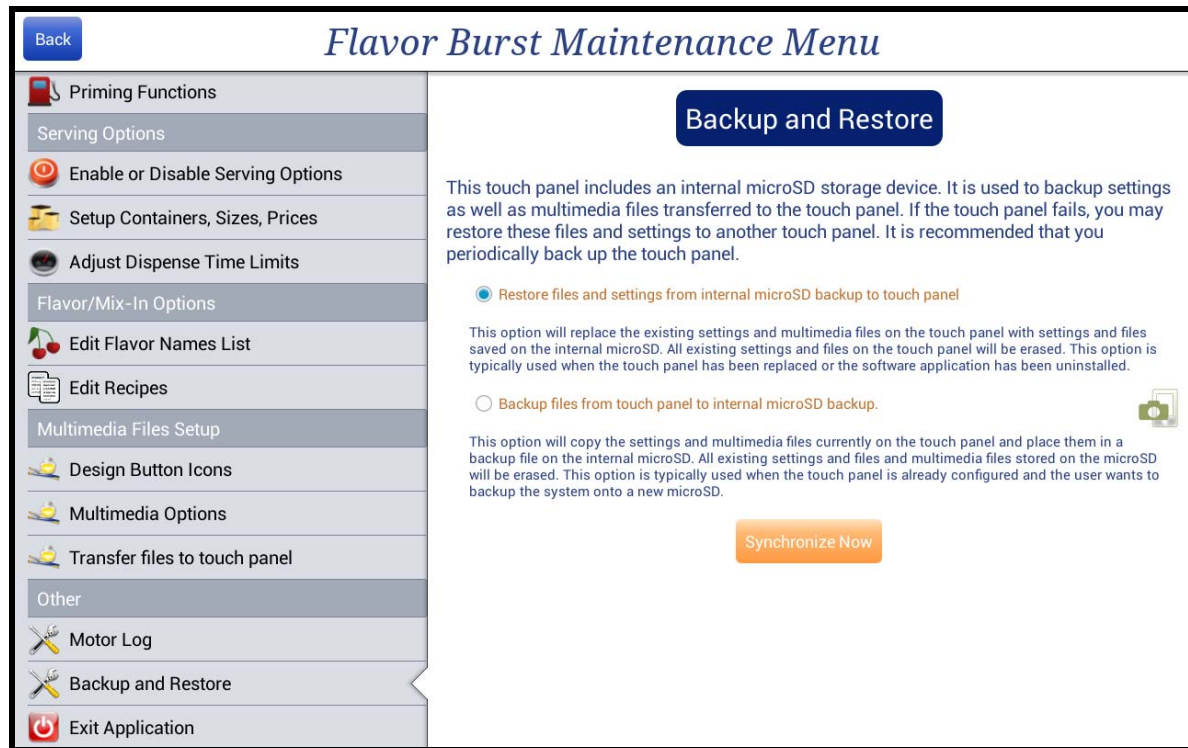
Motor Log

Clear Log

Timestamp	Bank	Motor	Speed	Duration
2014-09-25 21:05:44:571	B	1	255	30000
2014-09-25 21:05:48:774	B	1	0	0
2014-09-25 21:07:29:575	C	1	0	0
2014-09-25 21:07:29:589	B	9	0	0
2014-09-25 21:07:31:264	C	1	0	0
2014-09-25 21:07:31:275	B	9	0	0
2014-09-25 21:07:32:202	C	1	0	0
2014-09-25 21:07:32:214	B	9	0	0
2014-09-25 21:07:37:741	3	1	0	0
2014-09-25 21:07:37:752	A	9	0	0
2014-09-25 21:07:38:759	3	1	255	300000
2014-09-25 21:07:38:771	A	9	255	300000
2014-09-25 21:07:46:378	3	1	0	0
2014-09-25 21:07:46:390	A	9	0	0
2014-09-25 21:07:56:957	C	1	255	30000
2014-09-25 21:08:00:598	C	1	0	0
2014-09-25 21:08:09:168	C	1	255	30000
2014-09-25 21:08:10:509	C	1	0	0
2014-09-25 21:08:16:714	C	1	255	30000
2014-09-25 21:08:21:364	C	1	0	0
2014-09-25 21:08:22:000	C	1	255	30000

This screen simply shows all of the commands sent to the pumps and injection motors. It should be cleared periodically by using the "Clear Log" button.

Backup and Restore



When a microSD card is installed into the inside of the tablet, the system continuously copies files and settings to the card. In the event of a failure, the card may be removed and placed into another touch panel. The panel will recognize a new card and ask if the files should be restored to the tablet from the card, or if the files on the touch panel should be backed up onto the card. Once synchronized, the tablet will not ask this question. If the operator wishes to manually restore the files from the last automatic backup, he may do so here by selecting "Restore files and settings from internal microSD backup to touch panel."

Exit Application

By pressing on this menu option, the application will close, allowing access to Android's operating system.