Flavor Burst®
Color Touch Panel F10B

Operations Manual*

**for installation and maintenance information on your Color Touch Panel, please consult your CTP model's full Operations Manual.*

**Visit* www.flavorburst.com/support/ *"Color Touch Panel Files" to update your panel to the most current program.*

Manufactured by

Flavor Burst Company
499 Commerce Drive
Danville, IN 46122

For general information and to locate a distributor near you, call or visit our website:
Phone: (317) 745-2952
Toll Free Number: (800) 264-3528
Fax: (317) 745-2377
www.flavorburst.com

For pricing, ordering and support, contact one of our qualified distributors.

Warranty

An installation and warranty form is provided with every Color Touch Panel "CTP" system, located inside the unit with this manual. It is important that the operator carefully review the warranty and installation documents accompanying the unit before using this system. Any questions or concerns regarding the warranty should be clarified upon delivery or installation. For more information, contact your local authorized Flavor Burst® distributor.

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This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FCC warning:
Any 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.

INTRODUCTION

Congratulations on your purchase of a Color Touch Panel "CTP" series flavoring system! This manual goes over the different settings and options associated with your new Color Touch Panel. For operations and maintenance instructions on the Flavor Burst equipment itself, please refer to your model's complete Operations Manual.

The Color Touch Panel is a 10" high resolution, full-color, touch-controlled command center for your Flavor Burst system. The panel not only displays the flavors available with your Flavor Burst system, it can also be set up to show different container options (cups, cones, waffle cones, etc), different sizes, and even show pricing. Create and name your own flavor combinations and set up a special flavor button for your "recipe". Change the flavor names, button graphics, logos, background images and even videos. Upload your own creations to your Touch Panel through a USB connection.

Your Color Touch Panel also operates many of the clean-in-place functions of your equipment. You can clean out the spout with sanitizer solution at the push of a button on the screen. When the flavor lines are connected to the sanitizer tank, it flushes the insides of the lines, pumps and fitments with sanitizer solution.

The Color Touch Panel can also advertise for you. Set up the screen to display rotating images and messages or a full video while the freezer is not in use.

Most of the system's operations and even maintenance functions are operated by the panel, so becoming familiar with it and understanding all of the available options is important. This manual will walk you through each section and explain each feature.

NOTE: EQUIPMENT AND PRODUCT IMAGES IN THIS MANUAL MAY DIFFER FROM YOUR CURRENT SETUP. HOWEVER, THE INFORMATION AND INSTRUCTIONS CONCERNING THE COLOR TOUCH PANEL APPLY TO MOST FREEZERS, FLAVOR BURST EQUIPMENT, AND FROZEN PRODUCTS.

SAFETY PRECAUTIONS

Always follow these safety precautions when operating the Flavor Burst® system:

DO NOT operate the system without reading this operator's manual. Failure to follow this instruction may result in equipment damage, poor system performance, health hazards, or personal injury.

DO NOT operate the system unless it is properly grounded. Failure to follow this instruction may result in electrocution.

DO NOT operate the system with larger fuses than specified on the system data label. Failure to follow this instruction may result in electrocution or damage to the machine. Consult your electrician.

DO NOT put objects or fingers in the door spout. Failure to follow this instruction may result in contaminated product or personal injury from blade contact.

The CTP cabinet system must be placed on a level surface capable of supporting at least 220 lbs of weight. Failure to comply may result in personal injury or equipment damage.

DO NOT install the unit in an area where a water jet could be used, and do not use a water jet to clean or rinse the system. Failure to follow these instructions may result in serious electrical shock.

NOISE LEVEL: Airborne noise emission does not exceed 70 dB(A) when measured at a distance of 1.0 meter from the surface of the machine and at a height of 1.6 meters from the floor.

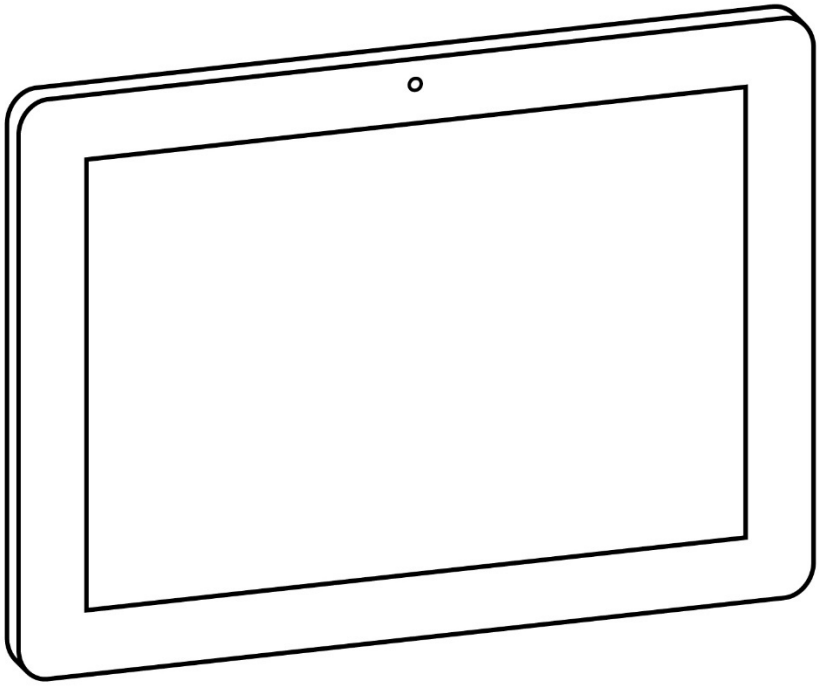
NOTE: Operations Manual subject to change. Contact your local distributor for most recent updates concerning the CTP system.

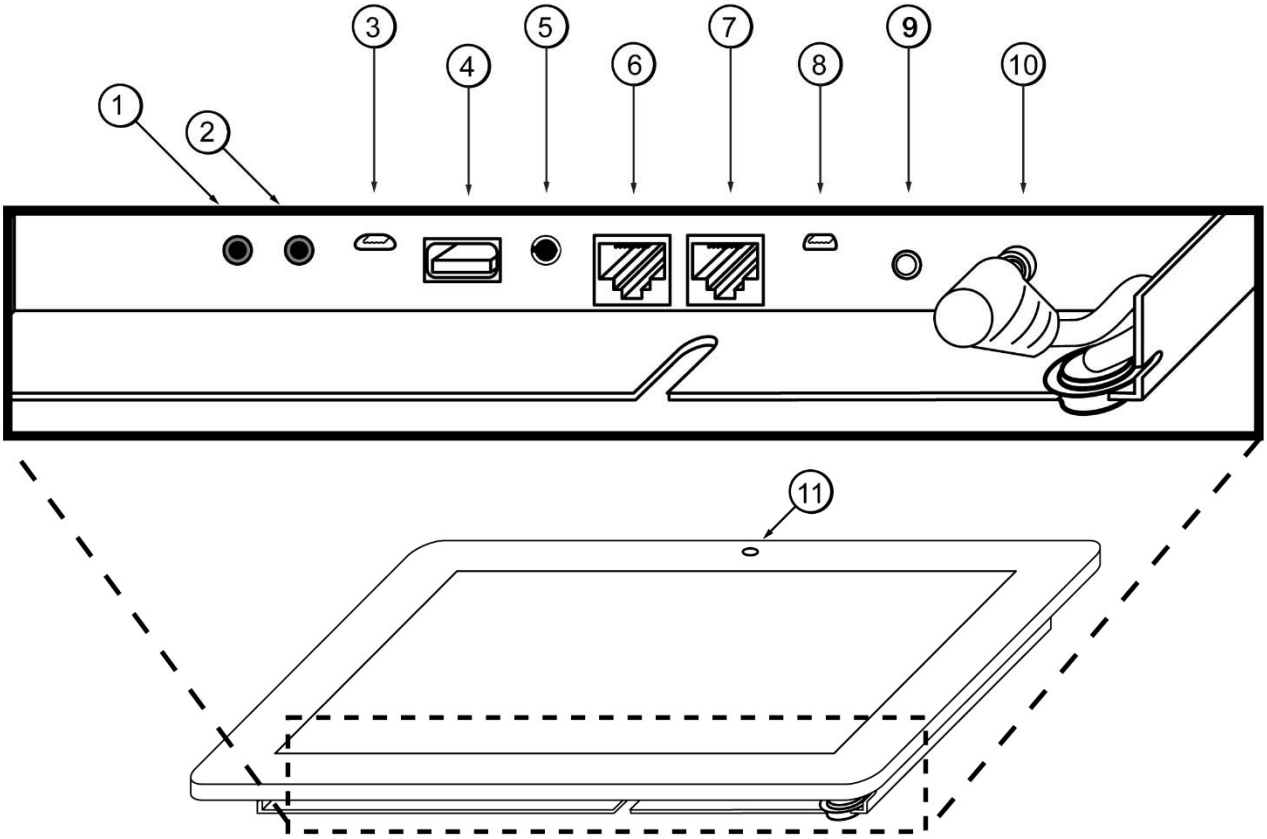
COLOR TOUCH PANEL – PORTS & FEATURES

General System Overview (See Figure 1)

ITEM	DESCRIPTION	FUNCTION
1	SWITCH PORT #2	Secondary switch port used if switch port #1 fails, or when using the Color Touch Panel to receive information from two freezers (for the “44” Dual Spout models and Base Unit models)
2	SWITCH PORT #1	Primary switch port for the draw / spigot switch to receive information from the freezer.
3	MICRO USB PORT	(NOT USED BY OPERATOR) For in-house programming use only.
4	USB PORT	Allows for uploading information from or copying information to a micro USB device.
5	STEREO JACK	Allows for connecting speakers to the Color Touch Panel.
6	RJ45 PORT #2	(FOR FUTURE USE) Secondary communications port provides additional serial communications and two additional switch ports.
7	RJ45 PORT #1	Primary communications port allows power to be supplied from the driver board, and allows communication to / from driver board.
8	MICRO HDMI PORT	Allow the programming from the Color Touch Panel to be displayed on a secondary monitor.
9	POWER BUTTON	Powers the Color Touch Panel on and off.
10	POWER SWITCH PORT	Connects the externally mounted power button to the Color Touch Panel and allows it to be turned on / off from outside the Panel casing.
11	CAMERA	(FOR FUTURE USE) Allows for video recording and taking pictures of whatever is within range of the camera.

Color Touch Panel – Ports & Features





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DRAWING A SERVING

This section is a quick reference on how to draw a Flavor Burst serving with the Color Touch Panel. If this is your first time operating the panel, it is recommended you walk through the next section “Initial Setup” of this manual to customize and familiarize yourself with the panel and all its features. Although the panel comes with general default settings, your flavor buttons and product images may not match up to what you are serving. Once the panel is set up with your preferences, test the system and the panel settings.

Follow these instructions to draw a Flavor Burst serving.

NOTE: EQUIPMENT AND PRODUCT IMAGES MAY DIFFER FROM YOUR SETUP. HOWEVER, THE INFORMATION AND INSTRUCTIONS STILL APPLY.

The selection screen can be set up to display product choices (if the system is dispensing from two spouts), container choices, and/or sizes. elect the product type from the product selection screen. These directions will take you through each of these selection options.

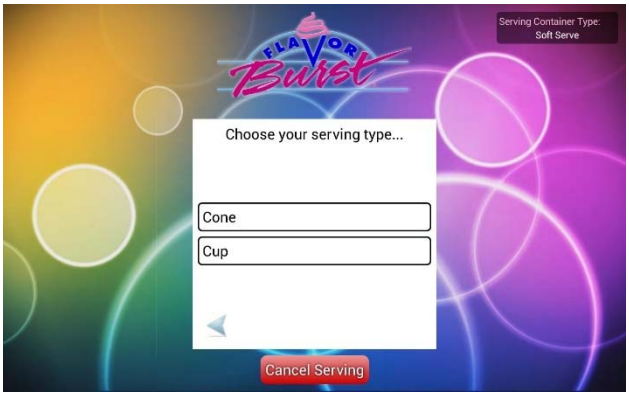
1. If the system is set up to display the Quick Dispense menu screen, make your flavor selection(s) within the container and/or size options shown. Then proceed to Step 6.

NOTE: THIS SCREEN IS AN OPTIONAL SETTING AND MAY NOT APPEAR.

2. If the Flavor Burst system is attached to two spouts, select the product type / spout you wish to draw from.

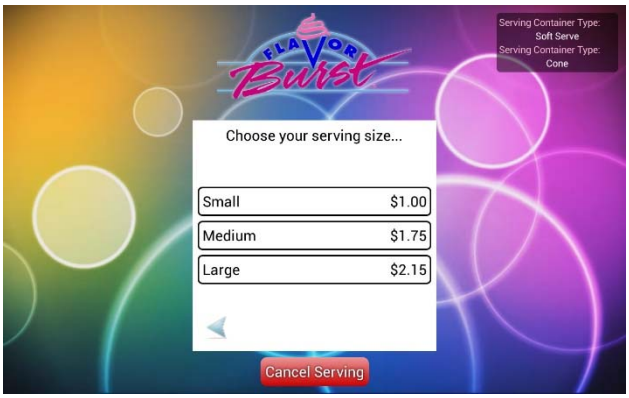
NOTE: THIS SCREEN IS AN OPTIONAL SETTING AND MAY NOT APPEAR.

3. The screen may show options to select a container type. If so, make your selection.



NOTE: THIS SCREEN IS AN OPTIONAL SETTING AND MAY NOT APPEAR.

4. The next screen may show options to select a size. If so, make your selection.



NOTE: THIS SCREEN IS AN OPTIONAL SETTING AND MAY NOT APPEAR.

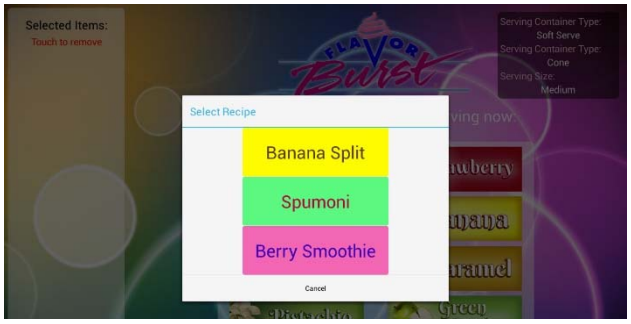
5. Make your flavor selections on the next screen by touching the flavor button. Once a flavor is selected, the button moves to a list on the left. To deselect a flavor, touch the button again and it will disappear from the list.

NOTE: FLAVORS WILL DISPENSE IN THE ORDER THEY ARE SELECTED, AND WILL REPEAT THE CYCLE UNTIL THE SERVING IS DONE.

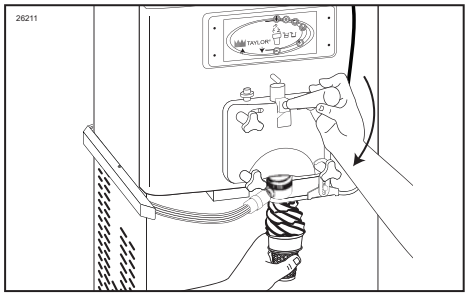
NOTE: SERVING SIZE MAY DETERMINE HOW MANY FLAVORS CAN BE SELECTED. FOR EXAMPLE, A SMALL SERVING MAY ONLY ALLOW TWO FLAVORS BECAUSE IT IS SET TO DISPENSE FLAVORS FOR A PRESET TIME. TO ADJUST THE SERVING SIZE TIME OR FLAVOR DISPENSE TIME, SEE SECTIONS “ENABLE OR DISABLE SERVING OPTIONS” AND “ADJUST DISPENSE TIME LIMITS” OF THE MAINTENANCE MENU.

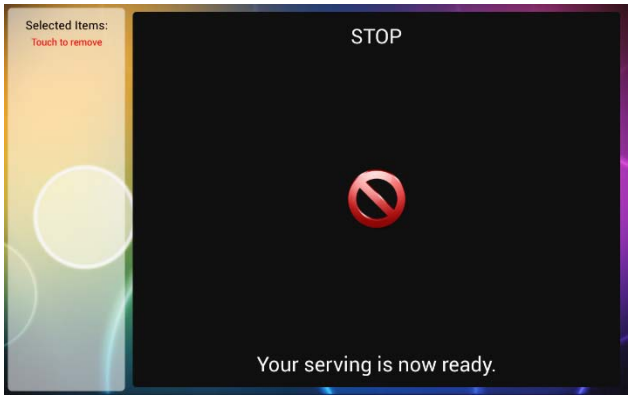
NOTE: IF A FLAVOR BURST BASE UNIT IS ALSO ATTACHED TO THE SAME SPOUT AS YOUR STANDARD UNIT, 16 FLAVOR CHOICES MAY APPEAR ON THE MENU.

NOTE: IF THE SCREEN SHOWS AN OPTION TO USE A RECIPE, YOU CAN PRESS THE “USE RECIPE” BUTTON AND SELECT A PRE-PROGRAMMED COMBINATION OF FLAVORS.



6. <u>MANUAL DRAW:</u> Hold a container under the spout to catch flavor product. Pull the draw handle down to dispense product. If you have the timed servings enabled, draw the serving until the system sounds a beep and the screen notifies you to stop drawing product. Return the handle to the closed position at the end of the serving.



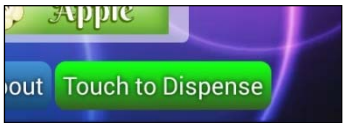


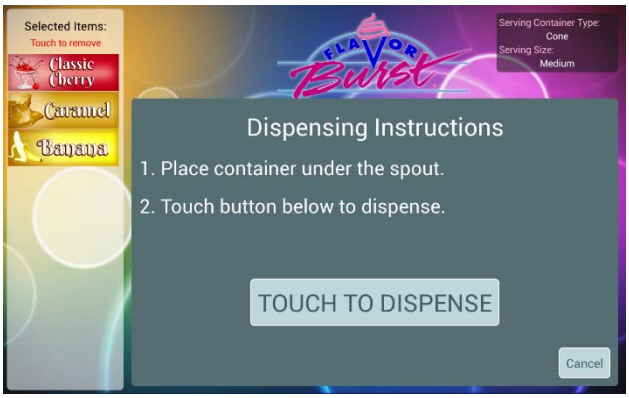
NOTE: IF YOUR SYSTEM HAS A DRAW HANDLE SWITCH, PRESS THE SWITCH AGAINST THE DRAW HANDLE WHILE MOVING THE DRAW HANDLE INTO THE FULL "OPEN" POSITION. THIS ACTIVATES THE FLOW OF SYRUP TO THE SPOUT.

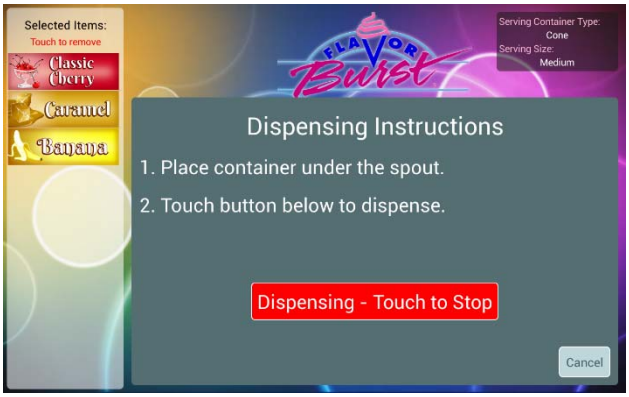
NOTE: IF THE FREEZER IS EQUIPPED WITH A DRAW HANDLE SWITCH, RELEASE THE SWITCH ONE SECOND BEFORE CLOSING THE SERVING. THIS WILL STOP THE FLOW OF SYRUP WHILE GIVING THE UNFLAVORED PRODUCT ENOUGH TIME TO CLEAR THE INJECTOR HEAD OF EXTRA FLAVORING AND REDUCE CARRYOVER TO THE NEXT SERVING.

NOTE: THE SYSTEM DISPENSES THE FLAVORS IN THE ORDER THEY WERE SELECTED. ALLOW ENOUGH TIME FOR EACH OF THE FLAVORS TO CYCLE THROUGH. IF THE SERVING IS CUT OFF TOO SOON THE SYSTEM MAY NOT DISPENSE ALL THE CHOSEN FLAVORS IN YOUR SERVING.

7. <u>AUTOMATIC DISPENSING MODE</u>**:** If your screen shows a TOUCH TO DISPENSE button, tap this button to dispense rather than using the draw handle. Tap it again when you are nearly finished with the serving.







NOTE: AUTOMATIC DISPENSING MODE IS TYPICALLY ONLY USED WITH FCB SYSTEMS THAT HAVE THE AUTO DRAW UPGRADE.

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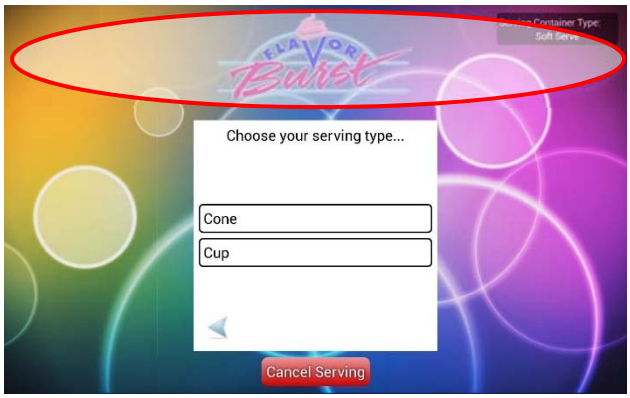
INITIAL SETUP & SETTINGS

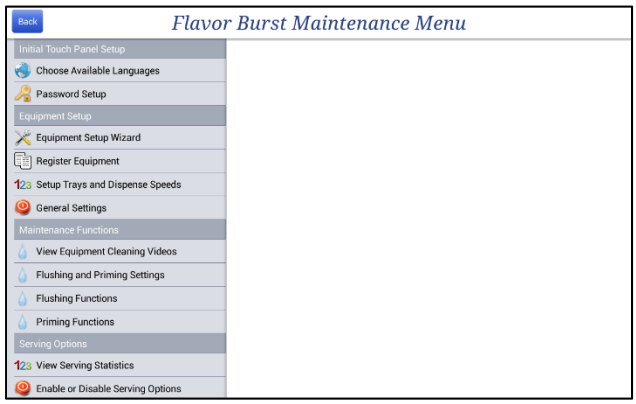
The Touch Panel is designed with the operator in mind. Some instructions and explanations are given on the screen itself, however this manual will further detail each of the Touch Panel's features and options. When setting up your Color Touch Panel for the first time, walk through each section of the Maintenance Menu to familiarize yourself with how it operates and customize the panel to your preferences.

Accessing Flavor Burst Maintenance Menu

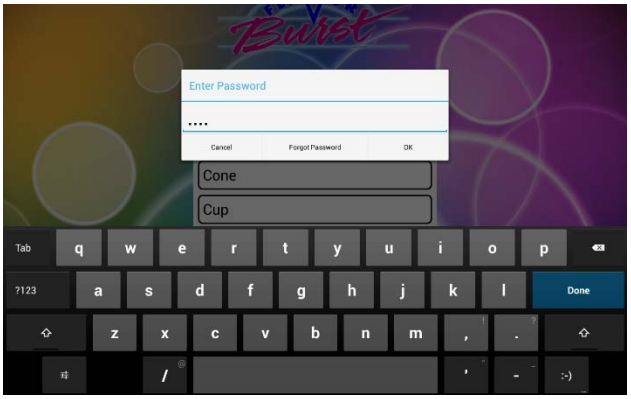
The Maintenance Menu is where all of your Touch Panel Settings are outlined for easy access. Through the menu, the operator can perform maintenance procedures and change settings on the system. A password may be required to gain access to this menu.

1. Press and hold any area on the upper Touch Panel until the Maintenance Menu appears.

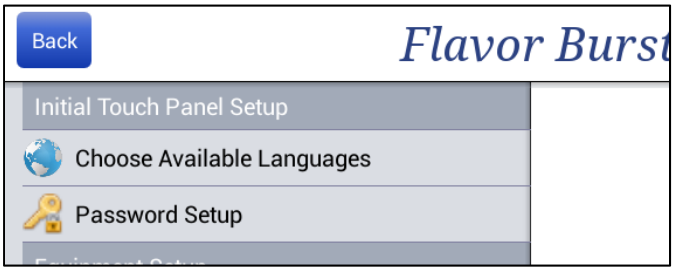




2. If the screen asks for a password, enter the password. If the password is forgotten, a procedure has been established to obtain a password override. Please contact Flavor Burst Company for more details. The left-hand side of the screen lists the various maintenance and setup options. Pressing an option will open a panel to the right to allow configuration changes.



3. To exit the Maintenance Menu, press the BACK key at the top left.

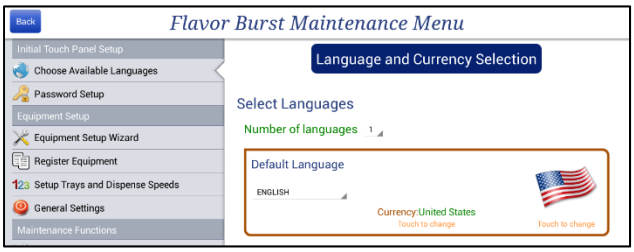


NOTE: SOME SCREENS, SUCH AS THE "EQUIPMENT SETUP WIZARD", MAY OPEN UP IN A FULL SCREEN VIEW WITH THE MAINTENANCE MENU BAR HIDDEN. PRESS "CANCEL" OR "BACK" TO RETURN TO THE MAINTENANCE MENU AND THEN PRESS "EXIT APPLICATION" TO RETURN TO THE MAIN PRODUCT SCREEN.

Choose Available Languages

The Touch Panel is programmed to display different languages. You can choose one default language, or set up the panel for two languages, which is important for a multilingual workplace and self-serve applications. You can also set up the Panel to display various currencies when displaying prices for different products and sizes.

1. Press the “Choose Available Languages” tab of the Maintenance Menu.



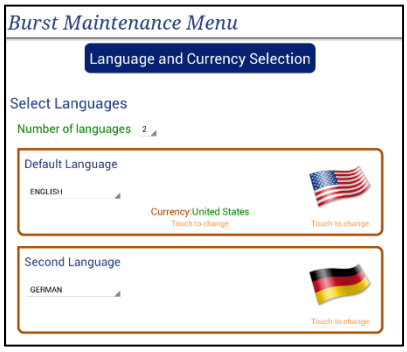
2. Select the number of languages you want available on the Touch Panel.

3. Select the default language for the Touch Panel. The Maintenance Menu will always be in the default language.

4. If you would like to change the currency, touch the “Currency” and make your selection.

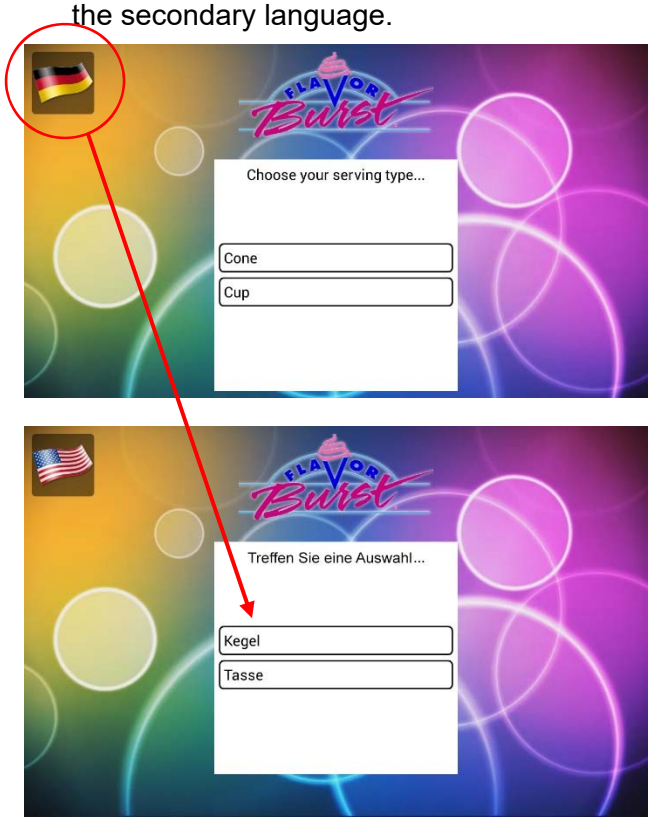
5. If you would like to change the flag icon, touch the flag and then make your selection from the available flag images in the gallery.

6. If you are displaying more than one language, choose your Second Language, currency and flag icon. When selected, this secondary language will display on the product and dispense screens.



NOTE: THE MAINTENANCE MENU WILL ONLY DISPLAY IN THE DEFAULT LANGUAGE. TO CHANGE THE LANGUAGE OF THE MAINTENANCE MENU, SELECT ONE AS YOUR DEFAULT LANGUAGE.

7. To see if your languages are set up correctly, press the BACK button at the top left of the screen to return to the main screen. The main screen will show the default language. If you opted for a second language, a small flag will be visible on the screen. Press the flag and walk through the draw screens to see them displayed in the secondary language.



Password Setup

OPERATOR PASSWORD: There are two levels of passwords available for the Touch Panel. The Operator Password is established so that the general public does not have access to the Maintenance Menu. If the store owner does not enable the Operator Password, anyone that has access to the Touch Panel can enter the Maintenance Menu and change some of the system settings and display settings.

With the Operator Password enabled, the Maintenance Menu blocked for those that do not know the password and they can only perform the basic functions of drawing a serving. This is perfect for the self-service environment, where many people will have access to the Color Touch Panel.

If the freezer and Flavor Burst are being maintained and cleaned by someone other than you, simply let them know the Operator Password and they will be able to access the maintenance functions of the Maintenance Menu. With the password, they can change flavors, flush lines, prime lines, and set up or change syrup flavors. They will also have access to the product type, pricing, and container information displayed on the screen. If you do not wish to share this password with certain employees or the public, they can be blocked from the Maintenance Menu entirely.

If the equipment is not in a self-service environment and you wish everyone to have access to the maintenance functions, simply turn off the Operator Password. The sensitive settings of the Color Touch Panel will still be protected by the Administrator Password.

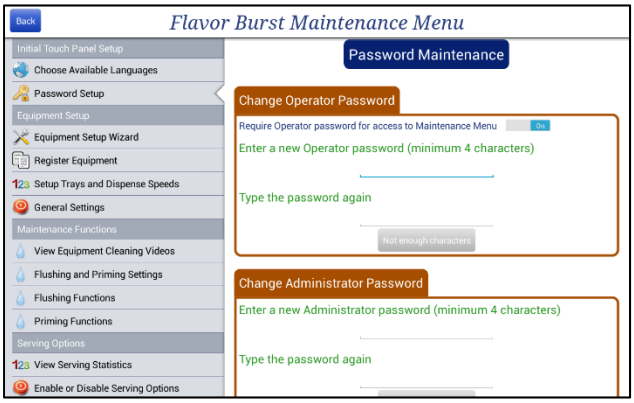
ADMINISTRATOR PASSWORD: This password comes standard with your Color Touch Panel. It serves to prevent customers and your staff from changing important settings without your authorization, such as setup connections and passwords. It also helps to prevent inappropriate material being inadvertently uploaded and displayed on the Touch Panel. The Administrator Password cannot be removed from the programming, but it can be changed. The password has to be at least 4 characters, but can be as simple or complex as you like. Sharing the password with others allow them access to these sensitive areas, so only share this password with those you trust won't abuse the Touch Panel's features.

The Administrator Password protects the "Password Setup, "Communications Setup", "Equipment Setup Wizard", "Multimedia Options" and "Transfer Files" sections of the Maintenance Menu.

If a password is forgotten, a procedure has been established to obtain an override password. Contact Flavor Burst Company for more information.

1. Press the "Password Setup" section in the Maintenance Menu. Enter the Administrator Password if prompted.

2. To require an Operator Password to protect access to the Maintenance Menu, tap the blue bar to ON. To remove the password protection, tap the bar to OFF.

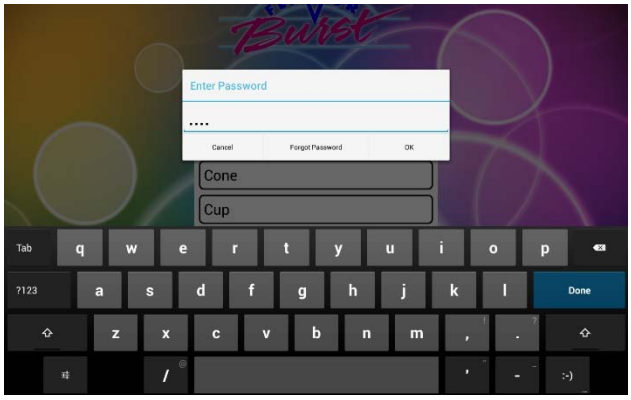


3. To change the Operator Password, type in the new password on each line.

4. To change the Administrator Password, choose a different password and type it into each line.

NOTE: THE ADMINISTRATOR PASSWORD CANNOT BE TURNED OFF. ONLY SHARE THE PASSWORD WITH THOSE YOU TRUST WON'T CHANGE THE SETTINGS WITHOUT YOUR APPROVAL.

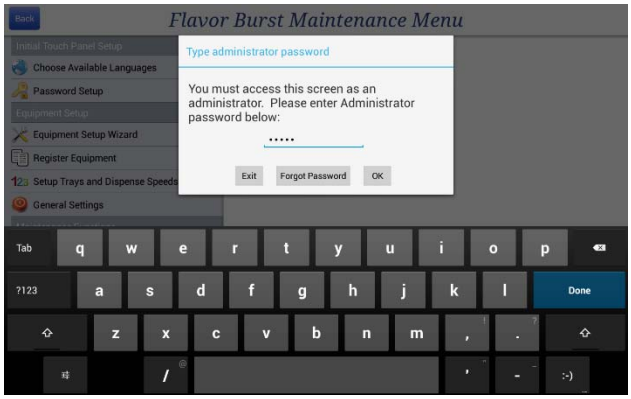
5. To test the Operator Password, press the BACK key at the top left to return to the product screen. Then, press and hold the logo (or top center) of the screen until a box appears asking for a password. Type in the Operator Password and press OK.



NOTE: IF THE OPERATOR PASSWORD IS NOT ENABLED, THE MAINENANCE MENU SHOULD APPEAR WITHOUT ASKING FOR A PASSWORD.

NOTE: THE ADMINISTRATOR PASSWORD WILL ALSO GIVE YOU ACCESS TO THE MAINTENANCE MENU AS WELL AS ALL OF ITS MENU SECTIONS.

6. To test the Administrator Password, select one of the protected sections, such as “Multimedia Options”. The password box should appear. Type in the Administrator Password and press OK to access the restricted area.

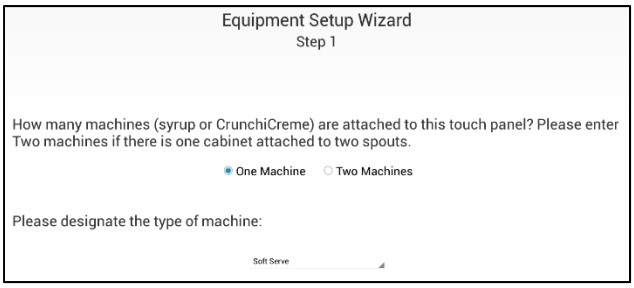


Equipment Setup Wizard

The Equipment Setup Wizard is a program designed to guide the operator and installer through the process of setting up the hardware of the whole system. This process may involve handling the electronics board and connections inside the cabinet. If you do not feel comfortable doing so, please contact your local distributor.

1. Press the "Equipment Setup Wizard" section in the Maintenance Menu. Enter the Administrator Password when prompted.

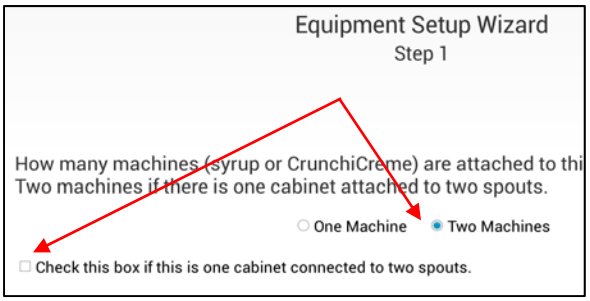
2. Select the number and types of machines installed on your system.



3. If you have only *one* Flavor Burst system attached to *one* spout, press NEXT at the bottom of the screen and skip to Step 6.

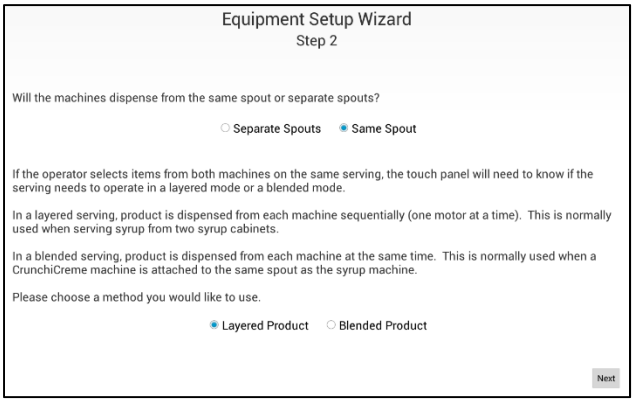
   If you have *one* Flavor Burst system attached to *two* spouts, select the "Two Machines" option and proceed to the next step.

   If you have two systems attached to two different spouts, check the box shown. Then press NEXT and skip to Step 5.



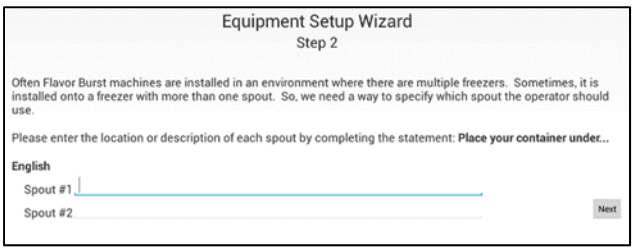
4. If you have two Flavor Burst cabinets operating from one Touch Panel (i.e. if there is a Base unit attached to the main Flavor Burst system), you will need to tell the system if they are both connected to the same spout (model Base-1S) or separate spouts (Base-2S).

   When on the same spout, the system will need to know whether to layer the flavors, one after the other, on a multi-flavored serving, or whether to dispense flavors simultaneously from each cabinet which creates a blend of flavors. The layered product is recommended for syrup-based systems. The blended product is an option for the CrunchiCreme system.



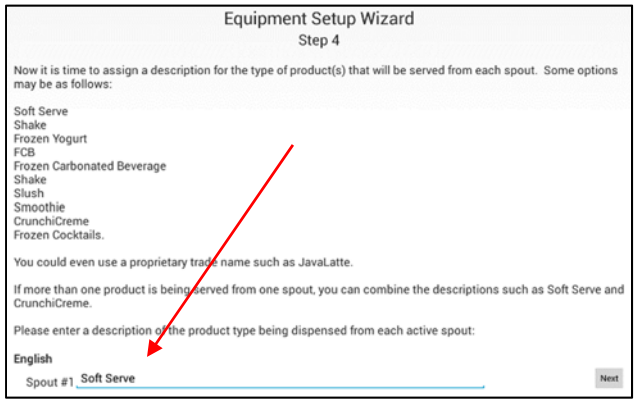
NOTE: "BLENDED" PRODUCT IS NOT COMMONLY USED. CHOOSING TO BLEND FLAVORS MAY RESULT IN UNDESIRABLE BLENDED FLAVORS AND COLOR.

5. Next, type in a name for the spout(s). The system will use this name when walking the operator through the serving process.

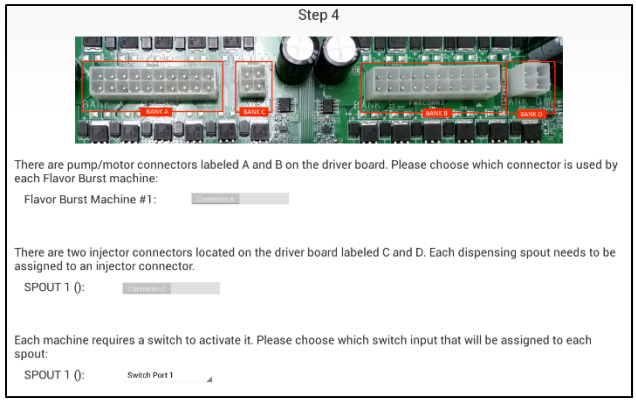


NOTE: NAMING THE SPOUTS IS ESPECIALLY HELPFUL WHEN THE SYSTEM IS ATTACHED TO TWO SPOUTS OR ON A MULTI-BARREL FREEZER.

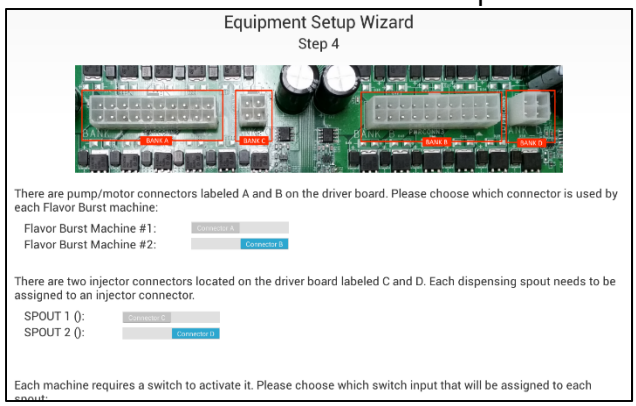
6. Assign a product type for the spout(s).



7. Designate which pump and injector cables connect to which ports on the electronics board inside the cabinet top. If only one cabinet is attached, the cables can be attached to either port set. By default, they are typically attached to Connector A and Connector C.

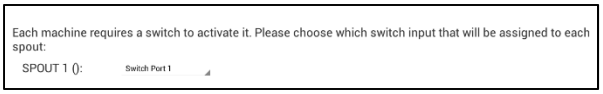


If two cabinets are attached, the system needs to know which ports are being used for each cabinet and spout. Follow the cables from each cabinet to the electronics board to determine which cabinet is connected to which ports.



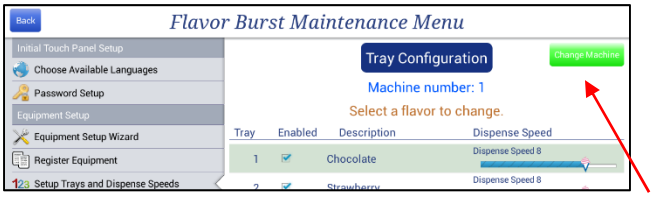
NOTE: IF YOU ARE UNSURE, CONTACT YOUR LOCAL DISTRIBUTOR FOR INSTRUCTIONS ON HOW TO CHECK YOUR CONNECTIONS.

8. Scroll down and select the switch input for the spout(s). The switch tells the Touch Panel to activate when a serving is drawn from the freezer. A hardwired switch connects the Touch Panel to the freezer through a cable. A wireless switch sends a signal from a wireless transmitter to the Touch Panel without the need for cables. Your freezer must be equipped with an internal switch receptor to be compatible with a wireless switch transmitter.



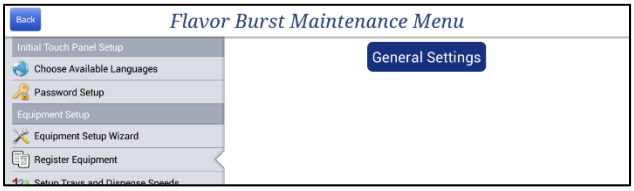
9. At the bottom right of the screen, press FINISH EQUIPMENT SETUP when you are done with the settings. Test your system, especially if two cabinets are attached to the Touch Panel or if the system is attached to two spouts. Ensure the Injector Motors and the syrup pumps operate with the correct spout and in conjunction with what is shown on the Color Touch Panel screen.

10. If the system has two cabinets attached to the one Touch Panel, some of the screens will show a green CHANGE MACHINE button. This button gives you access to the settings for the second cabinet, in order to change flavors, clean the cabinet lines and pumps, etc.



Register Equipment

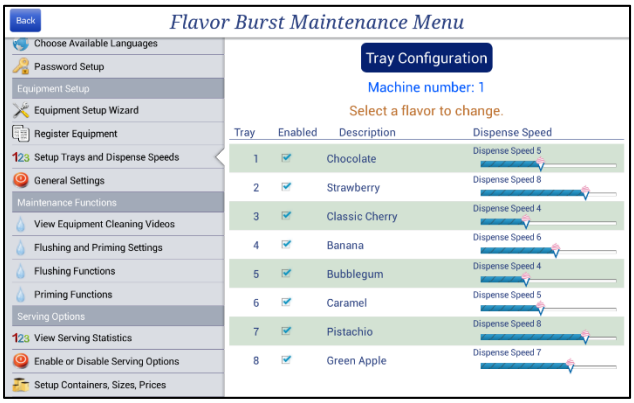
At the time of this manual's printing, this menu function is currently unavailable. Check with Flavor Burst Company for updates to the programming.



Setup Trays and Dispense Speeds

These settings allow the operator to enable and disable pumps to allow or prevent dispensing, change the syrup name of each tray, and also change the rate at which the syrup is dispensed.

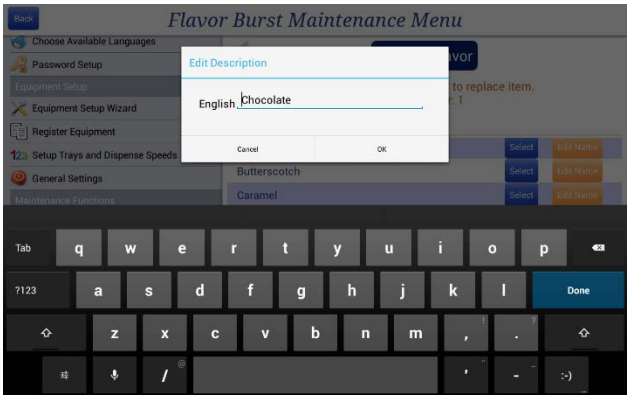
1. Press the "Setup Trays and Dispense Speeds" section in the Maintenance Menu.



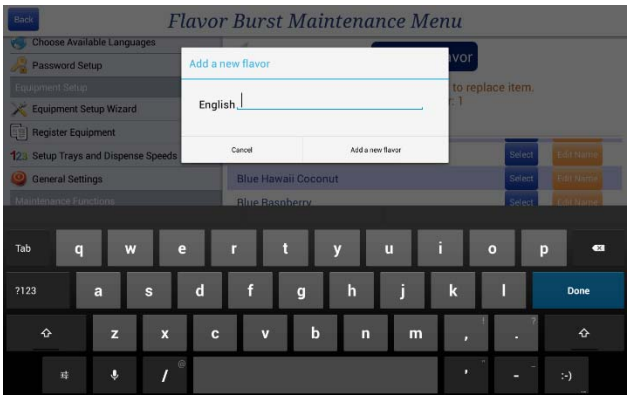
2. To enable a flavor and have it appear in the flavor selection menu, ensure the box is checked under the "Enabled" column. You may uncheck the box to disable a flavor and prevent it from being used.

3. To increase the rate of syrup being dispensed for each flavor, slide the Flavor Burst icon to the right. The higher the number (up to level 10), the more syrup is dispensed per serving. To decrease the rate, slide the icon to the left.

4. To change the flavor name for a tray, touch the flavor description. Select the new flavor name from the list that appears or edit the name to create your own flavor name.



5. To add additional flavors to the list, select the ADD A NEW FLAVOR button at the bottom of the screen.

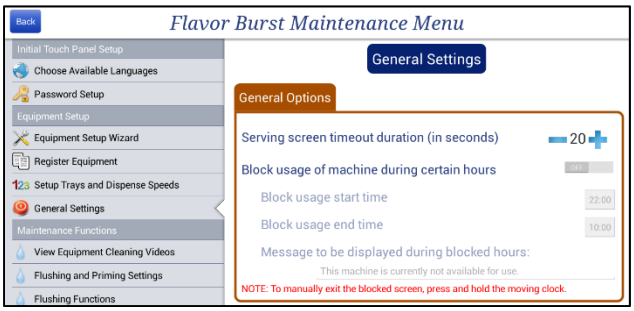


6. If there is more than one cabinet installed on this system, press the CHANGE MACHINE button to access the settings for that machine's trays and flavors.

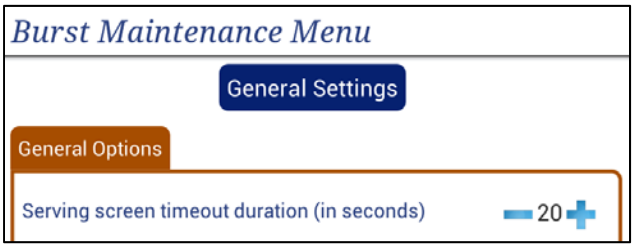
General Settings

The settings under “General Settings” pertain to the system overall. 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.

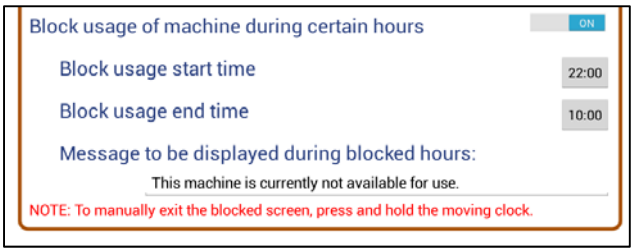
1. Press the “General Settings” section in the Maintenance Menu.



2. Select how long you wish the Touch Panel to wait on one screen before it times out.



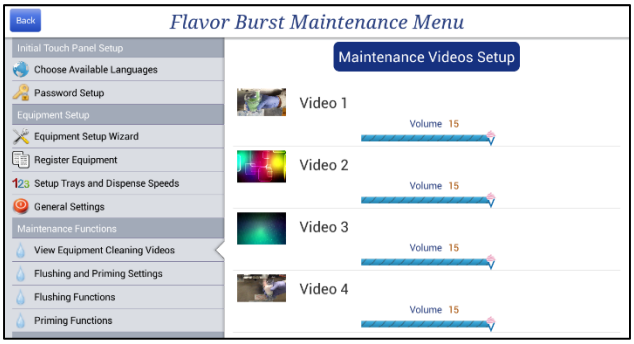
3. If you wish, you can block the usage of the machine during certain hours. You can set the starting and end time of when it will be blocked, as well as write a message to display on the screen during that time.



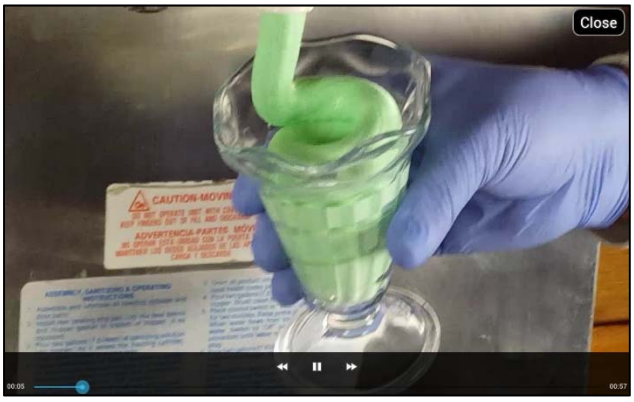
View Equipment Cleaning Videos

The new update for the Touch Panel allows for cleaning and instructional videos to be uploaded for viewing by the operator. This section allows the operator to view the videos. To delete, upload, name and edit the videos, see section “Edit Cleaning Videos List”.

1. Press the “View Equipment Cleaning Videos” section in the Maintenance Menu. You can adjust the volume on this screen also.



2. Touch the video you wish to view and the video will automatically start. If you wish to rewind, fast-forward, or pause the video, touch the screen to access the command bar at the bottom.



3. To close the video and exit back to the Maintenance Menu, touch the “Close” button at the upper right corner of the screen.