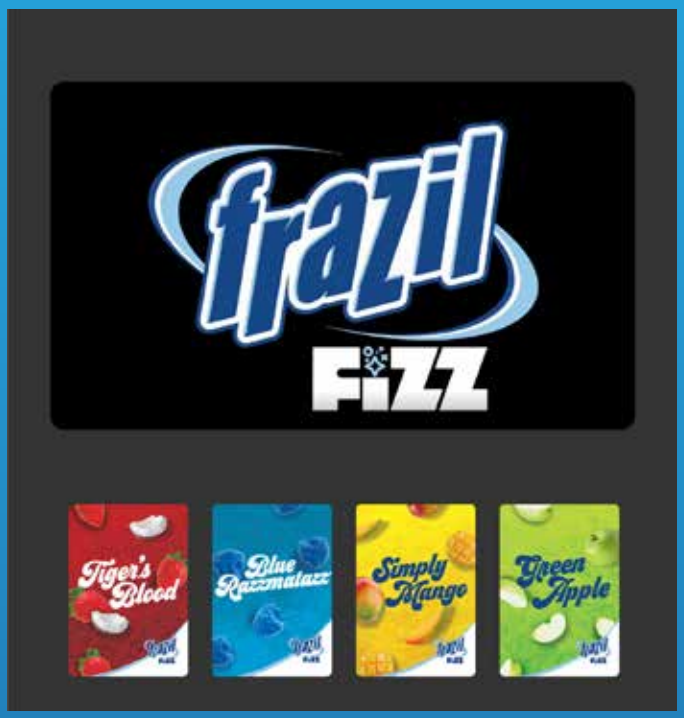
Update Your FBD 77X Merchandiser Graphics in 3 Steps



1 Locate USB

- Find your USB drive on the back side of the video door.
- Plug it into your computer.

2 Download Files

- You will receive a link to download the Frazil Fizz graphics.
- Place Frazil Fizz files in specific folders as outlined in this guide.

3 Load onto Machine

- Plug your USB drive back into your machine.
- Follow the instructions in this guide to setup Frazil Fizz graphics on your machine.

Full Instructions

Video Instructions

7. MULTI-BARREL (TWO-, THREE-, OR FOUR-BARREL)

7.1 Unlocking a Two-, Three-, or Four-Barrel Merchandiser

To unlock the merchandiser display, touch each of the four corners of the video portion of the screen in clockwise order starting with the top left corner. These touches must be made within 1 second of each other or the "unlocking" will not activate. Content management controls will appear upon a successful "unlock" of the screen. **Figure 7.1** illustrates the unlocking procedure on a three-barrel merchandiser (the procedure is the same for a two-barrel merchandiser). **Figure 7.2** illustrates the process on a four- barrel merchandiser.



Figure 7.1


1
2
EVERYONE LOVES
FROZEN
4
3
COLA
SOUR APPLE
GRAPE
FRUIT PUNCH
Reboot Door
Version: XX-XXXX-XXXX
Wired: Invalid
Wireless: 192.168.45.40
Video Selection
Tools
Test Unit Communication
Test for Content
Test Digital Annunciators
Delete ALL
Update Cards
Card 1 Selection
Card 2 Selection
Card 3 Selection
Card 4 Selection
BLUE RASPBERRY
CHERRY
COLA
LEMONADE

Figure 7.2

7.2 Menu Layout for Two- or Three-Barrel Merchandisers

Figure 7.3 illustrates the menu displayed after a successful "unlock" as well as the menu options.

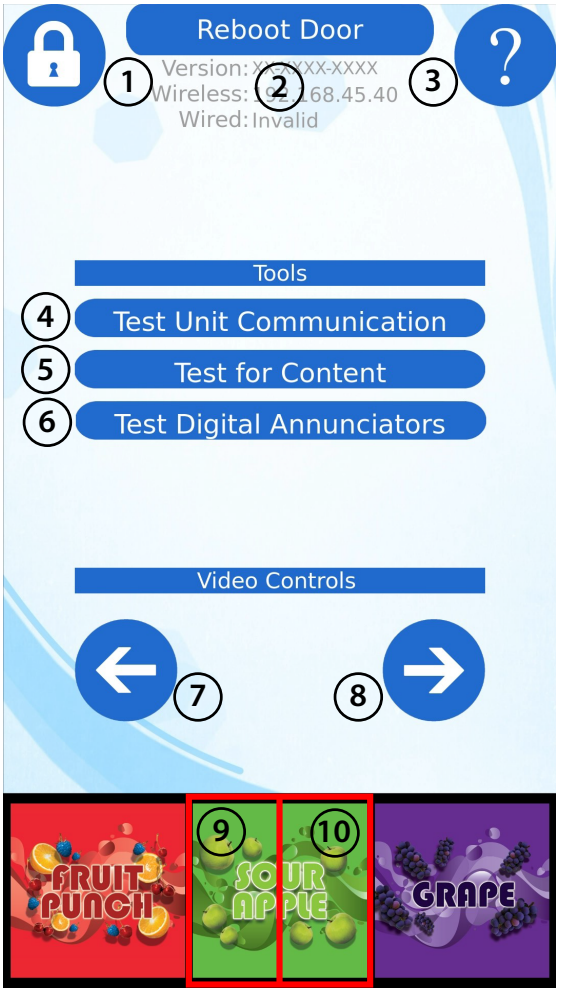


Figure 7.3

Item	Description
1	Locks screen, removes controls, saves settings, and starts the video.
2	Reboots the screen.
3	Provides access to additional information through a quick reference guide.
4	Tests connection between the merchandiser and the dispenser.
5	Tests for content available to the merchandiser.
6	Tests for flavor card functionality and content.
7	Changes to previous video.
8	Changes to next video.
9	Left half of each flavor card changes to the previous flavor.
10	Right half of each flavor card changes to the next flavor

7.3 Menu Layout for Four-Barrel Merchandiser

Figure 7.4 illustrates the menu displayed after a successful "unlock" as well as the menu items.

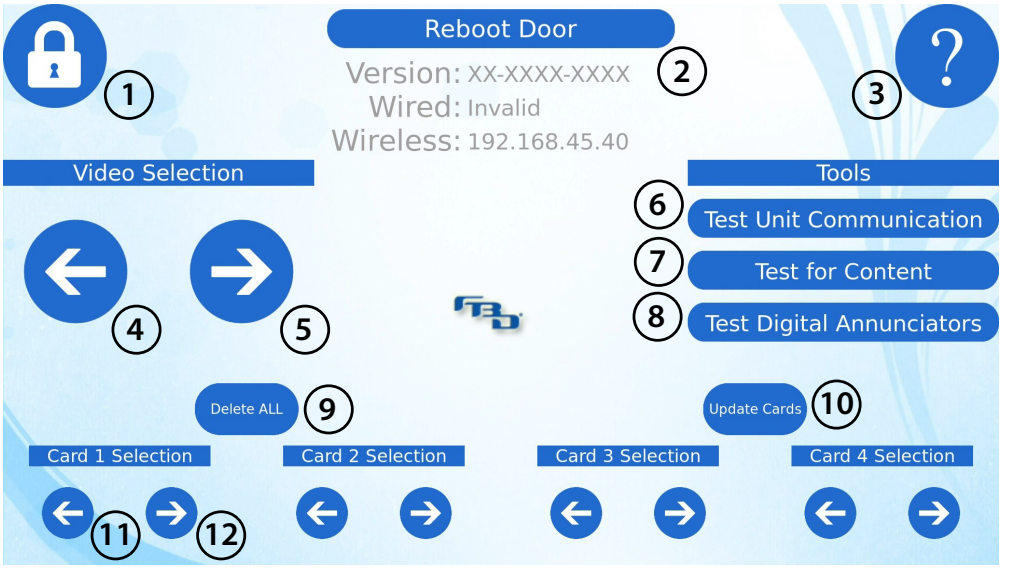


Figure 7.4

Item	Description
1	Locks the screen, exits the controls screen, saves settings, and starts the video.
2	Reboots the screen.
3	Provides access to additional information through a quick reference guide.
4	Changes to the previous video.
5	Changes to the next video.
6	Tests the connection between the merchandiser and the dispenser.
7	Tests for video content loaded on the USB drive.
8	Tests the digital annunciator overlays for flavor cards (verifies if harness and communication is valid and stable).
9	Deletes all flavor card images from each digital flavor card screen.
10	Loads new flavor cards onto the merchandiser from the USB drive.
11	Changes to the previous flavor.
12	Changes to the next flavor.

7.4 Barrel Status Messages for Multiple-Barrel Merchandisers

In addition to displaying the barrel flavor image, the flavor card screens will also show barrel status messages. These messages are specific to the barrel that the flavor card is for. Because these have been set up as image overlays, when the status message appears, the flavor image will be obscured so that the message can be seen. Below is a list of the common messages shown and their meaning.

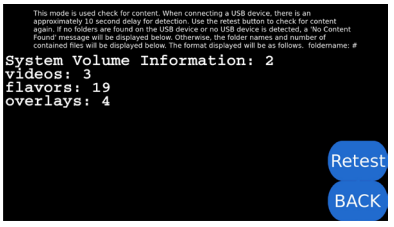
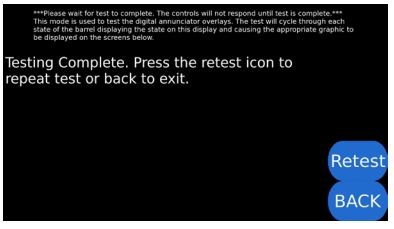
Barrel Status	Description
	The barrel is in a defrost cycle. If on defrost during peak draw, adjust dispenser defrost schedule as needed (see dispenser operations manual on how to adjust defrost schedules).
	The barrel is freezing down the product. Wait until the dispenser completes freeze down cycle.
	Product out can refer to the barrel being out of syrup, or the dispenser being out of CO_2 or water. Check the supply for each of these and replenish the needed product(s).
	The barrel is turned off. Restart the barrel/dispenser.

7.5 Changing of a Video or Flavor Image on a Multiple-Barrel Merchandiser

The Service Mode screen provides easy access to change video and flavor images on the multiple-barrel merchandisers. The process simply requires selecting the backward or forward option for each to move through the existing content. Please refer to Sections 7.2 and 7.3 for the location of the buttons to make these changes. Please keep in mind that this is to change videos and images from existing content. If additional content not on the existing USB(s) is needed, please refer to Sections 7.7 and 7.8 of this manual.

7.6 Diagnostic Tools for Multiple-Barrel Merchandisers

The merchandisers come with three diagnostic tools which can be used to ensure the screen will function properly. These can be run by simply selecting the options from the main Service Mode screen. Please refer to Sections 7.2 and 7.3 for the location of each of these. To run the tool, simply press the button for each. Once the diagnostic is completed, select the BACK button to go back to the previous screen.

Diagnostic Tool	Description
Test Unit Communication 	This tool will test the harness connection to verify the dispenser is communicating with the door. Once selected, if there are no issues, the screen will show the barrel status messages for each barrel.
Test for Content 	This tool tests for content loaded onto the installed USB. Once selected, the screen will show a list of folders and file count for each of those folders. If the USB is updated, the “Retest” button can be pressed to run the diagnostic again.
Test Digital Annunciators 	This tool will cycle through the flavor images for each barrel and the overlays for each. It can be run on two-, three-, or four-barrel merchandisers. For the four-barrel merchandisers, this tool tests the connection between the large screen and the four smaller flavor image screens.

7.7 Updating Images and Videos on Multiple-Barrel Merchandisers

All multiple-barrel merchandisers have a USB port to allow new content to be added. The process below describes the procedure for accessing the USB ports.

1. Tilt the merchandiser up so that the back panel is accessible.
2. Remove the two screws securing the L-shaped panel (**Figure 7.5**). The panel should hinge open.
3. Remove the USB and replace it with a USB containing updated content or add the desired content to the existing USB and reinsert it (**Figure 7.6**).
4. Close the access panel and tighten the screws.
5. Tilt the merchandiser down so the screen is visible. Unlock the screen and reboot the door.
6. For the four-barrel merchandiser, make sure you select the "Update Cards" button to upload any new flavor images to the door.

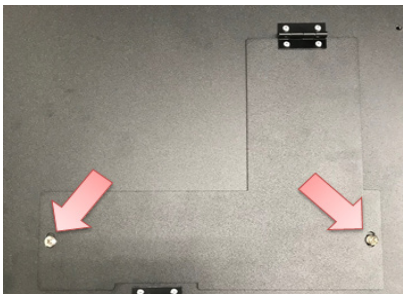


Figure 7.5

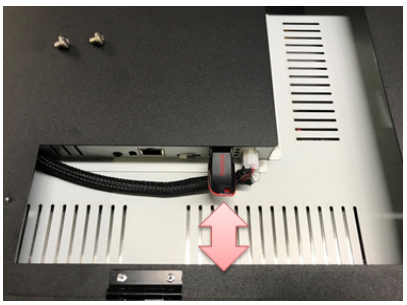


Figure 7.6

7.8 Adding Content to a USB Drive

The process below describes the procedure to add content to a new USB drive. Ensure all folders are named as described. If any folder names are different than illustrated below, the content will not load into the merchandiser properly.

1. Create two new folders on the USB drive. Rename the two folders **flavors** and **videos** using lowercase letters only (**Figure 7.7**).
2. Add videos to the **video** folder. Though the merchandiser supports videos in .mp4, .mov, and .mpeg format, .mp4 is the best format to use.
3. Add flavor images to the **flavors** folder. Though the merchandiser supports images in .png, .jpg, and .bmp format, .png is the best format to use.

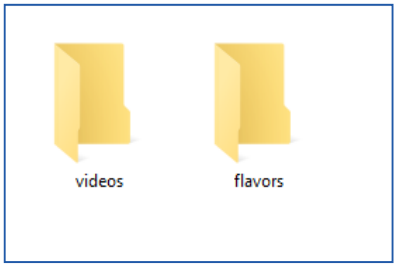


Figure 7.7