

# HTK & CTK

## PROGRAMMING MANUAL



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# Introduction

## HTK (Hamilton Transaction Kiosk)

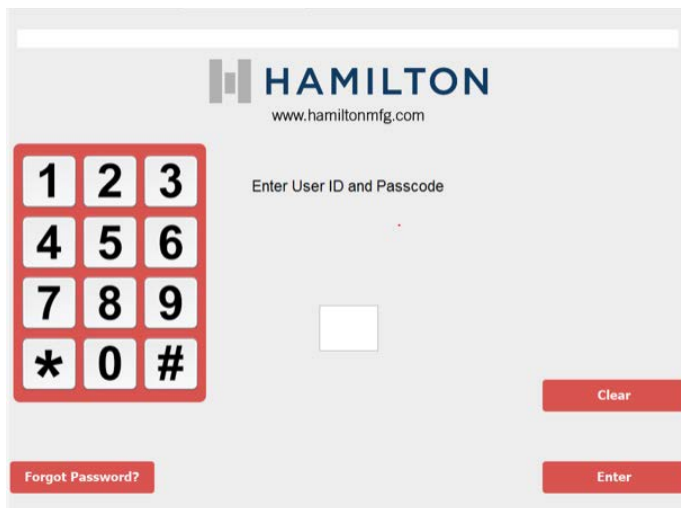
### What you will need:

Computer or laptop connected to the same network the HTK will connect to. A USB Keyboard, USB mouse, the keys and lock crank to the HTK.

You can plug the keyboard and mouse into any open USB port inside the HTK.

### How to log into the HTK:

When logging into your HTK for the first time, unlocking the door will trigger the log in screen to appear. This screen will prompt you for a user ID and Passcode, using the numeric keypad on the door, type in the default user ID and Passcode. **User ID: 00 Passcode: 12345** then hit enter



HTK's with a touch screen: When you are at the log in screen, a small keypad will appear under the Passcode box. If you touch the keypad, it will become larger so you can enter the user ID and Passcode.

**User ID: 00 Passcode: 12345**

Then hit the enter button. The HTK will immediately prompt you to change the Passcode. The local admin Passcode will be all numeric and should be five digits long. This Passcode will expire every 90 days. Admin login should only be used as last resort. Each person should have their own log in credentials (see set up user section).

## CTK (Cashless Transaction Kiosk)

When you open the door to the CTK, a silver toggle switch will be located in the back right corner of the machine. Putting the switch in the opposite direction will prompt the CTK to go to the log in screen. Once the programming is complete, put the toggle switch back to the original position to put back into operational mode.



*All other programming will be the same between the HTK and the CTK*

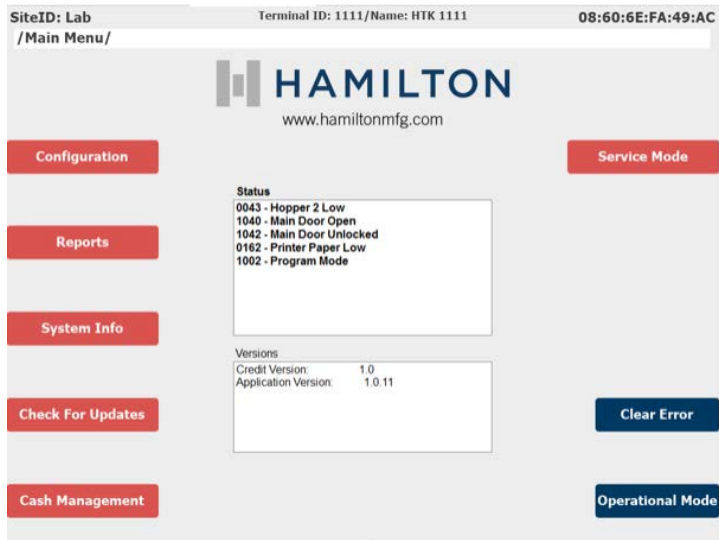
**NOTE: The CTK is a cashless transaction kiosk, so the following options will need to be turned OFF in the CTK.**



At the HTK, using the USB mouse, click in any white box, a small keyboard will appear in the bottom left corner of the screen. You can use your mouse to click on the keyboard buttons to type in the required fields, or you can use the USB keyboard to type the information in.



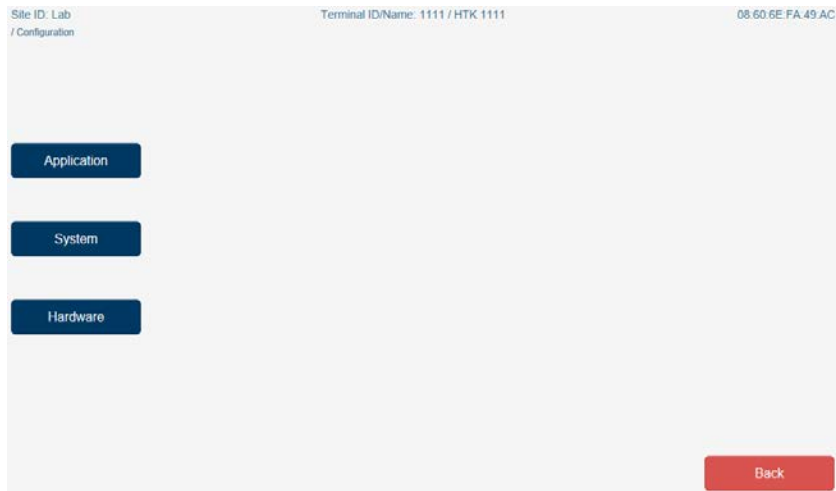
This is what the main menu screen will look like. Each usable selection button on the front of the HTK will light up, indicating it may be selected. Once you push the lighted button, it will take you into the category labeled next to it.



\* Each button on the left is selectable category.

- The white status box in the middle of the screen will tell you the status of the HTK. If the machine goes into an error, the status box will tell you what the error is.
- The white Version box displays the name and version of the payment application for credit card acceptance, along with the credit version. The application version is the current version on the HTK software.
- The blue Clear Error button will allow you to clear an error that may have occurred and reset the HTK.
- The blue Operational Mode button will take you back to the operational screen viewed by customers.
- The white banner at the top of the screen will let you know where you are at in the programming. It will add categories and page numbers as you enter into them.

Once you enter into a category, you will notice a red Back button .This button will take you back to the previous page. If you keep selecting the back button, you will eventually end up back at the main menu screen where you would be able to choose the blue Operational Mode button



### Setting up the HTK:

Once you are logged in, it is recommended that the first 4 steps are done in order.

**\*NOTE: It would be suggested to leave the CAT5 cable unplugged from the HTK for the first four steps.**

**Step 1:** Set up Region (this should have been set at the factory)

**Step 2:** Set up network LAN

**Step3:** Create a user and rights

**Step 4:** Enable remote access

After these four steps are complete, you can now go inside and remote into the HTK from your computer or laptop to complete the setup.


**\*NOTE: You cannot log in remotely using the admin credentials.**

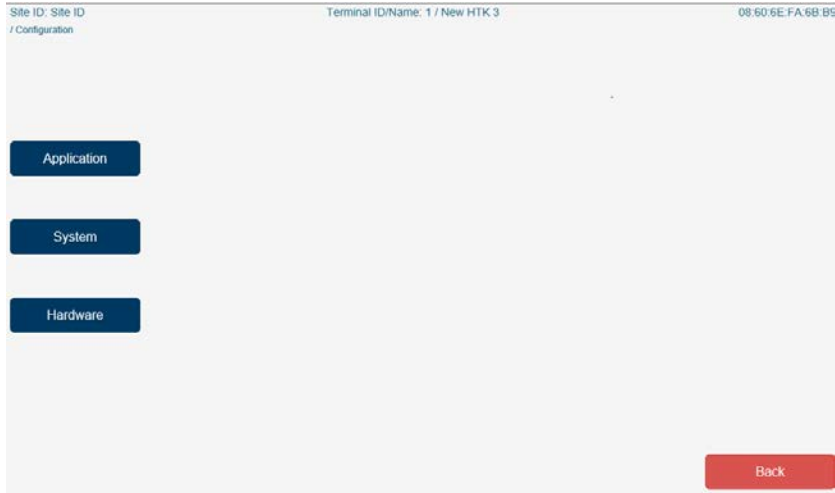
Site ID: Site ID Terminal ID/Name: 1 / New HTK 3 08:60:6E:FA:6B:B9

The screenshot displays the Hamilton HTK interface. At the top, it shows 'Site ID: Site ID', 'Terminal ID/Name: 1 / New HTK 3', and the MAC address '08:60:6E:FA:6B:B9'. The Hamilton logo and website 'www.hamiltonmfg.com' are centered. On the left, there are three blue buttons: 'Configuration', 'Reports', and 'System Info'. The main content area is divided into two sections: 'Status' and 'Versions'. The 'Status' section lists four items: '1040 - Main Door Open', '1211 - Bill Dispenser Duplicate Cassette', '1001 - Idle', and '0115 - D.A.N. Com Time Out'. The 'Versions' section shows 'Application Version' as '1.0.1'. On the right side, there are two buttons: a red 'Clear Errors' button and a white 'Logoff' button.

- Each Blue button on the left is selectable category.
- The white status box in the middle of the screen will tell you the status of the HTK. If the machine goes into an error, the status box will tell you what the error is.
- The white Version box displays the name and version of the payment application for credit card acceptance, along with the credit version. The application version is the current version on the HTK software.
- The orange Clear Error button will allow you to clear an error that may have occurred and reset the HTK.
- The white logoff button will take you back to the operational screen viewed by customers.

- The white banner at the top of the screen will let you know where you are at in the programming. [/ Configuration / Application / Item Packages](#) It will add categories and page numbers as you enter into them.

Once you enter into a category, you will notice an orange Back button . This button will take you back to the previous page. If you keep selecting the back button, you will eventually end up back at the main menu screen where you would be able to choose the blue Operational Mode button.

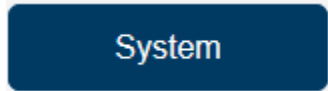


# Region Settings

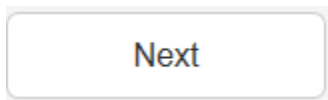
- Select



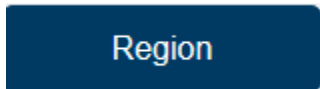
- Select



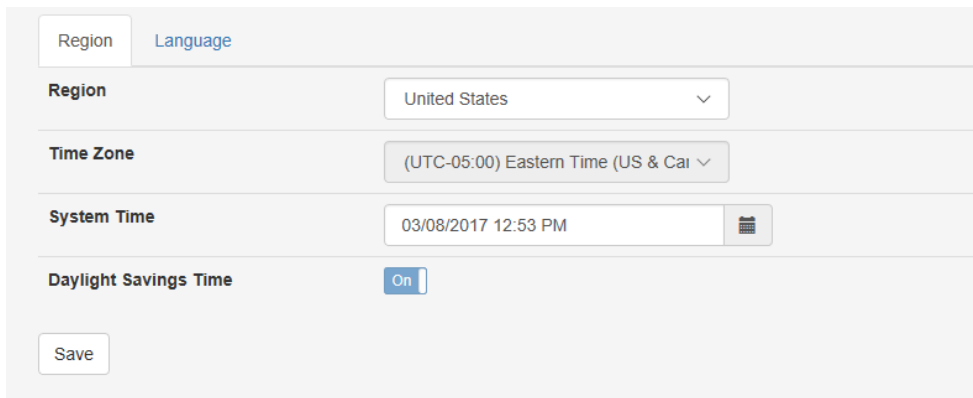
- Select



- Select



The screen should look like this:



**Region:** This menu allows you to view your HTK’s settings match the region that the equipment is installed. Changing the region can change or alter what coin types and bill types are selectable options when setting up the rest of the equipment. Due to this, after changing the region, you will be required to reconfigure your Hoppers, Validator and Bill Dispenser. *These settings cannot be changed from this screen. see Lan Settings section of this manual.*

**\*NOTE:** *This is normally set at the factory, if the location of the machine is known. If the correct region is already set DO NOT CHANGE THE SETTINGS. If a new controller or a new hard drive is received this will need to be set first.*

*\*Wash package names and other custom menus may also need to be changed to reflect other language selections.*

**Time Zone:** this will display the settings from the computer side of the controller. this cannot be changed from this screen.

**System Time:** After making your time zone selection, set the correct time in this area.

**Daylight Savings Time:** If your time zone is applicable, it is recommended to turn this setting ON to help the HTK keep proper time for events and other features of the equipment.

Click the Language tab Language

Region	Language
English	<input checked="" type="checkbox"/> On <span style="float: right;">Female ▾</span>
Español	<input type="checkbox"/> Off <span style="float: right;">Female ▾</span>
Français	<input type="checkbox"/> Off <span style="float: right;">Female ▾</span>
Default Language	English ▾

Save

**Languages:** Clicking the ON/OFF button next to the languages available will make that language a selectable alternative on the operational menu of the HTK display.

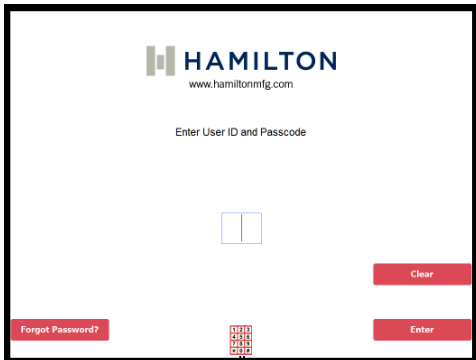
**Voice:** Selecting Male or Female for the voice option will change how the HTK speaks the menu prompts.

**Default Language:** The language you select for this box will be the primary language, visually and vocally when a customer pulls up to the HTK. Choosing one of the alternate languages from the above section will allow that language to be offered as an alternative on the main wash screen. So a customer may select that language and complete their transaction. The HTK will then revert back to the default language after the transaction is complete.

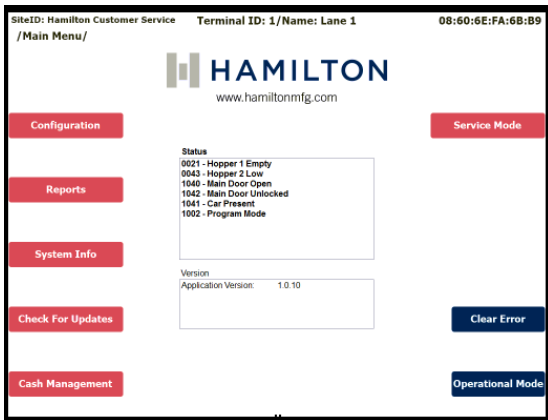
Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# LAN Settings

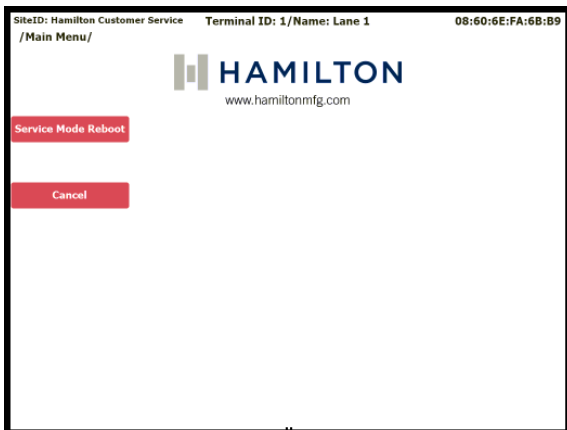
Turn the top lock so the login screen comes up:



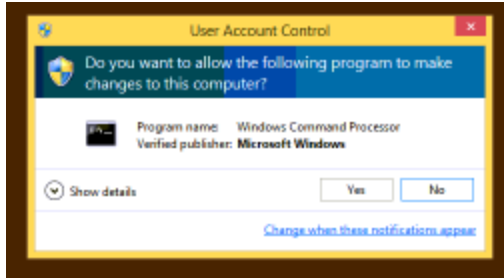
Enter in user ID 00, password is 12345.



At this screen, hit the Service Mode button.

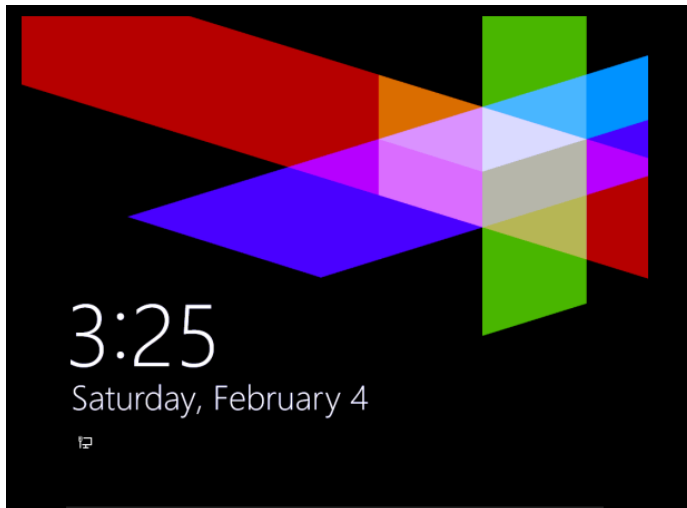


At this screen, hit the Service Mode Reboot button.

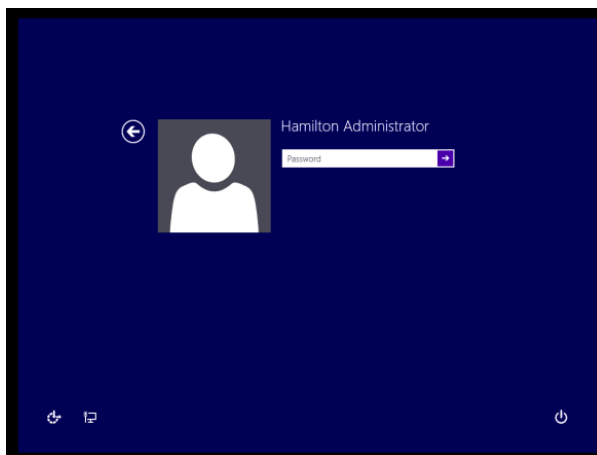


Hit Yes to allow the program to make changes.

Then this screen will come up:



On this screen the customer will have to swipe up on the screen, if it's a touchscreen, or just click on it if they have a mouse hooked up.



The Admin screen will come up. Enter in the password 51You92Up.

That will put you on the Windows desktop screen.

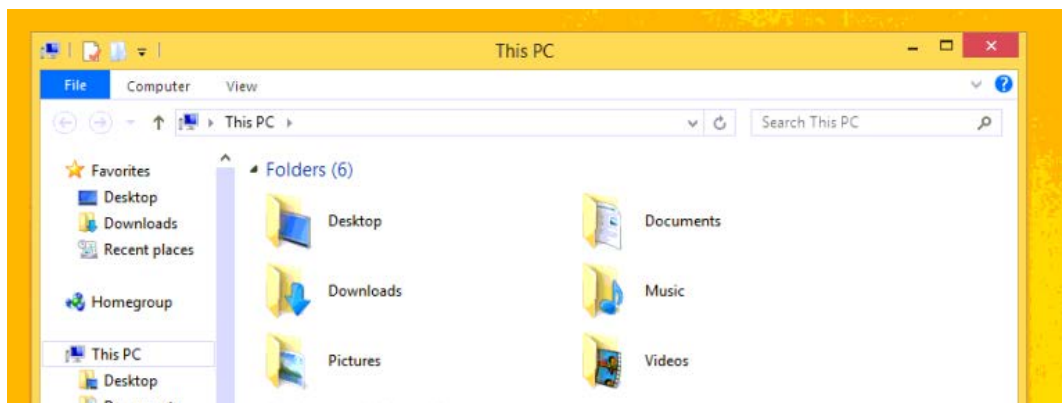
Once you are connected to the HTK, change the time and date first! Set the time zone correctly if not already set.

Setting IP addresses statically:

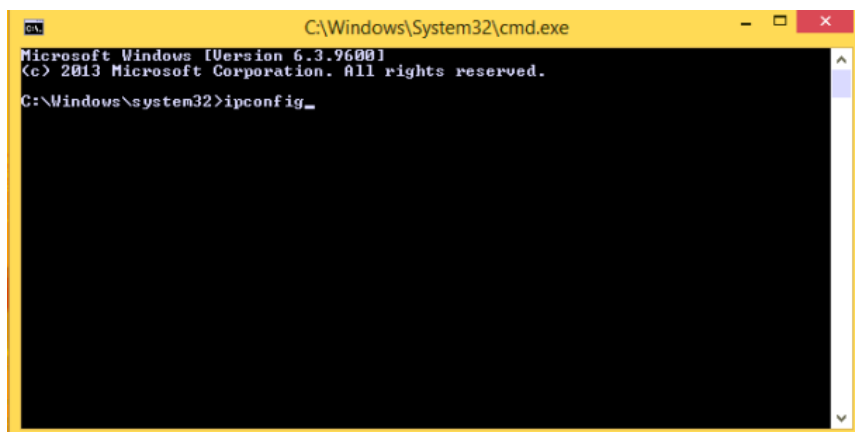
Click on the folder in the lower left hand corner.



Where it says this pc at the top, type in cmd, then hit enter.



In the command prompt box, type ipconfig.



Write down the ip address, subnet mask, and the default gateway.

```
Ethernet adapter Ethernet:
    Connection-specific DNS Suffix . . . : 
    Link-local IPv6 Address . . . . . : fe80::d8d7:1b50:7d73:de26%3
    IPv4 Address. . . . . : 192.168.241.55
    Subnet Mask . . . . . : 255.255.0.0
    Default Gateway . . . . . : fe80::217:c5ff:fee8:9790%3
    192.168.10.225

Tunnel adapter Teredo Tunneling Pseudo-Interface:
    Connection-specific DNS Suffix . . . : 
    IPv6 Address . . . . . : 2001:0:d5c:5a30:10d1:1178:3f57:ec8
    Link-local IPv6 Address . . . . . : fe80::10d1:1178:3f57:ec8%5
    Default Gateway . . . . . : ::

Tunnel adapter isatap.{645D40D8-A518-4B14-BA0A-D2BD03A6B0BF}:
    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . . . : 

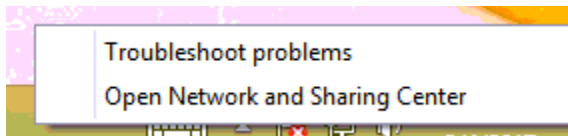
C:\Windows\system32>
```

Ping the ip address you want to put the HTK on before setting the addresses. Just type in the cmd prompt ping 192.168.1.50, or whatever ip you want to check. If there is a response in ms, that address is being used, try another.

Once you know what ip to use, right click on the computer in the lower right hand corner,

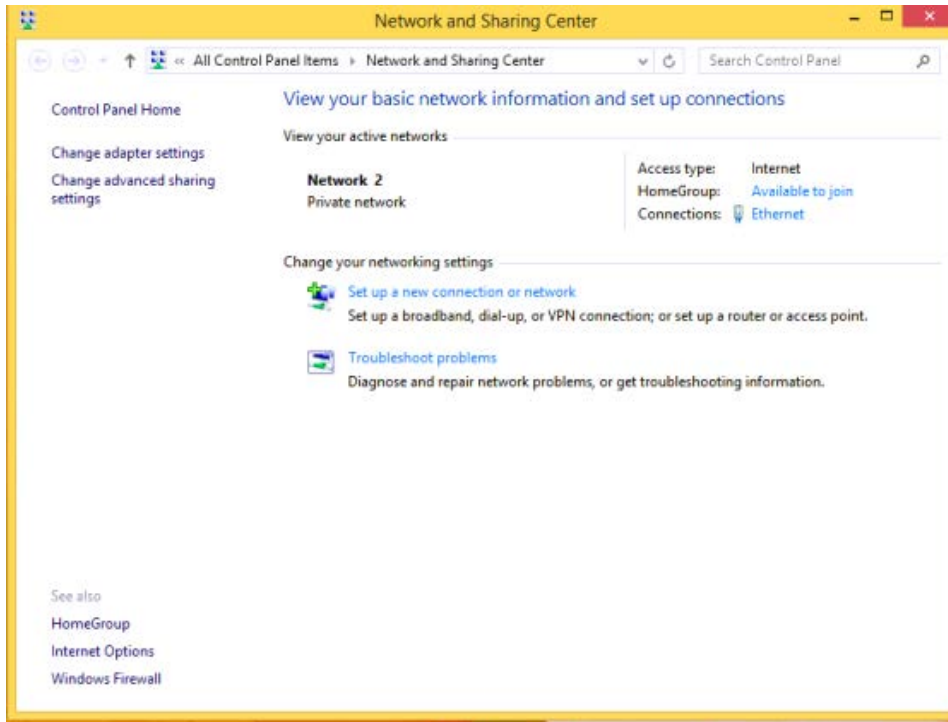


This will come up:

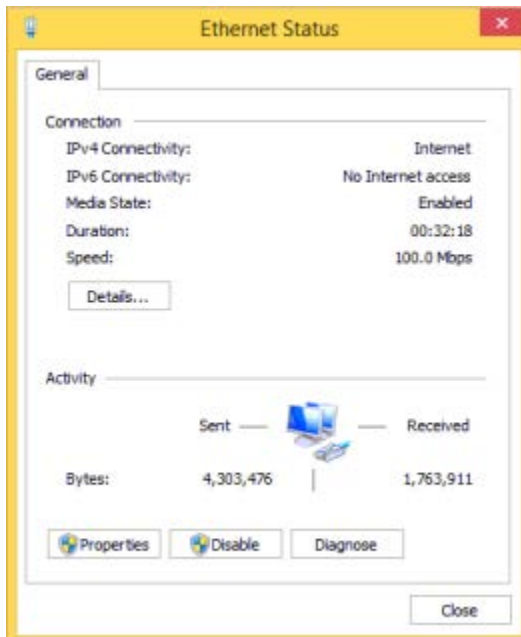


Left click on Open Network and Sharing Center.

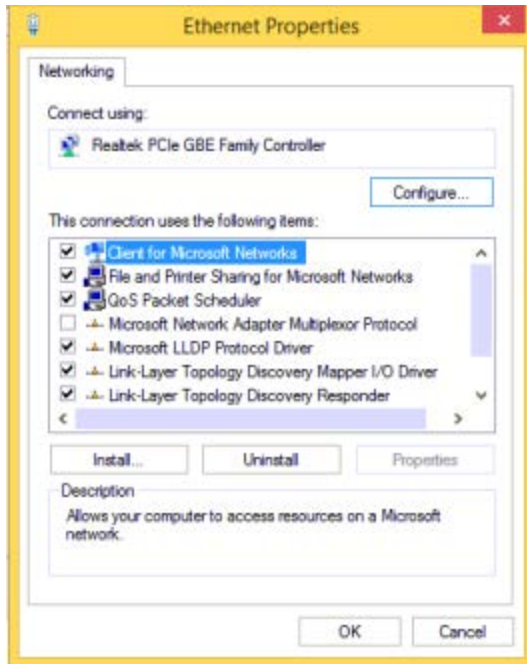
That will bring up this screen:



Click on Ethernet:

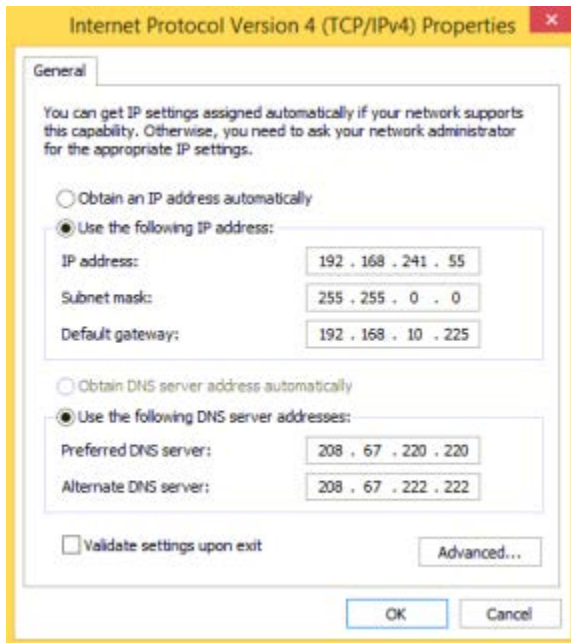


Then click on properties:



Scroll down to Internet Protocol Version 4 (TCP/IPv4)

Double click it.



Now put in your IP address, subnet mask and gateway. Also put in the DNS addresses.

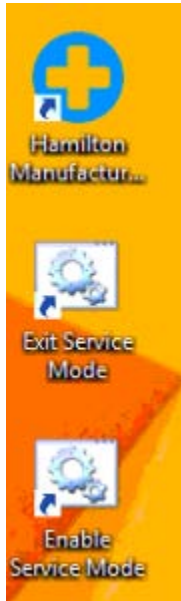
Then hit OK, OK, close, then close the networking window.

Once you are back at the desktop, make sure there are no errors on the network properties by looking at the computer in the lower right hand corner. It should look like this:

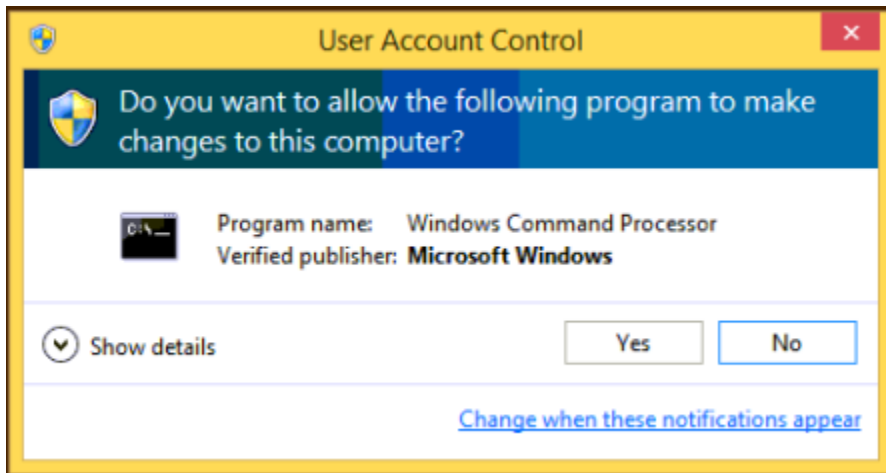


If you have a red X or yellow! there, something is not right. Re-check your settings.

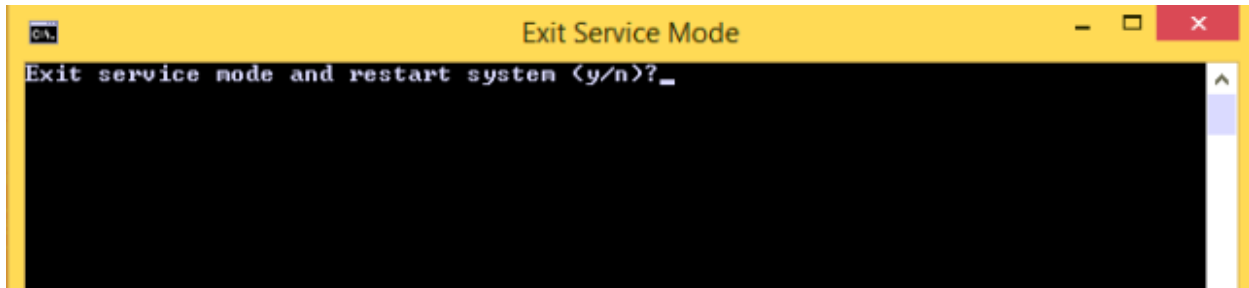
Once the IP addresses are set right, click on the icon that says Exit Service Mode.



Then hit yes on this screen:



Then type in a Y for yes here:



Then hit enter.

The HTK will reboot and load the wash program.

You will see the initialization screen next:

```
--HTK System Initializing
--Initializing Message Logging
--USB Devices Found waited 0.00 seconds
--Performing Database Maintenance - this could take several minutes
  --Purged 0 old transaction records
--Successfully found network adapter: 192.168.241.55
--Win32NT Version: 6.2.9200.0
--Model: HTK3, Version: 1.0.10
--Initializing Devices
  --Card Reader - MagCard
    --Success
  --Bus Master
    --Initialized
  --Security
    --Active:Enabled, Version: 2.01 - MainLock: Unlocked, VaultLock: Locked
    --MainDoor: Open, VaultDoor: Closed, Shocked Normal, IOVersion2
  --Hopper 1
    --Hopper 1 - Active:Enabled, Status: Idle, Coin Level: Empty, Error Level: Fatal, Version: 2.02
  --Hopper 2
    --Hopper 2 - Active:Enabled, Status: Idle, Coin Level: Low, Error Level: Warning, Version: 2.02
  --CoinMech
    --Active:Enabled - ErrorLevel: NoError, Enabled: False, CoinAccepted: No Coin, CoinError: No Error, Version: 2.01
  --ProxDevice
    --Active:Enabled, Version: 2.01 Prox/Loop: Present, Spares: 1:Low,2:Low,3:Low
  --Wash Interface
    --Active:Enabled - Cycle Signal: Low, Version: 1.06
  --Validator
    --Active:Enabled - Enabled: False, Version: 2.00
  --Hamilton Code System
    --Active, Unit#: 1, Comm State: Online, CodeCheck: No Check, ErrorState: None, Version: 2.01
  --Bill Dispenser
    --Success
  --Printer Initializing
  --Initializing Network Messaging
```

Then it will go to the wash selection screen:



If you want to get into the programming mode, you can hit CTRL-O.

***\*NOTE: If you are needing assistance from Hamilton***

Look for the Logmein Icon: It is in the upper left hand corner under the Recycle Bin. Double click it.



If they don't have the Logmein Icon, you can start a session by opening Internet Explorer. The type in [www.logmein123.com](http://www.logmein123.com) in the address bar.

This will allow the Hamilton technician to gain control of the HTK to better assist.

# Create a User

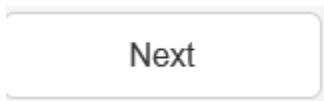
- Select



- Select



- Select



- Select



Select "ADD User"

Site ID: Site ID Terminal ID/Name: 1 / New HTK 3 08:60:6E:FA:6B:B9  
/ Configuration / System / Users

00 - htk@example.com ▼

Add User

User Rights

Enable User  On

Full Name Admin

User Code 00

Local Password

Remote Password

Email Address htk@example.com

SMS # htk@example.com

Save Back

**Enable User:** click in the box to enable the user, it will switch to "ON" or "OFF". If at any point you want to disable the user, simply click in the box to change it to "OFF" and select activate changes.

**Full Name:** Type the name of the user.

**User code:** Should be a 2-digit number from 01-99. This code will be used when logging into the HTK locally

**Local Password:** This is a 5-digit number to be used when logging into the HTK locally.

**Remote Password:** this is the password you will use when you are remote accessing the HTK.

**Email Address:** this email address will be your user name when logging into the HTK remotely. Also if the user will receive notification from the HTK.

**SMS#:** Enter the email address or text message email address where the verification code will be sent in order to remote access the HTK. Also if the user will receive notification from the HTK

**Rights:** click on the tab at the top marked "Rights"

The screenshot shows the 'Rights' configuration page for a user. At the top, there are two tabs: 'User' and 'Rights', with 'Rights' selected. Below the tabs, there is a dropdown menu showing '00 - htk@example.com' and an 'Add User' button. The main area contains a table of permissions with toggle switches:

Permission	Status
Admin	On
Audits	On
Configure	On
Database	On
Financials	On
Notify	On
Remote	Off
MainDoorAccess	On
VaultAccess	On

At the bottom, there is a 'Save' button and a red 'Back' button.

Simply click in the box to turn on the rights the user is entitled to.

Once you have completed these settings, click "save", and then "activate changes" to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

**\*NOTE: All passwords will expire in 90 days**  
**Each person should have their own login credentials to log into the HTK. You cannot log in remotely with the admin credentials.**

# Item Prices

[/ Configuration / Application / Item Packages / Item Prices](#)

- Select

Configuration

- Select

Application

- Select

Item Packages

- Select

Item Prices

The screen should look like this:

Site ID: Hamilton Customer Service Terminal ID/Name: 1 / Lane 1 08:60:6E:FA:6B:B9  
[/ Configuration / Application / Item Packages / Item Prices](#)

Event to Edit		
Wash 1	Ultimate Wash	<input type="text" value="11.00"/>
Wash 2	Premium Wash	<input type="text" value="10.00"/>
Wash 3	Deluxe Wash	<input type="text" value="9.00"/>
Wash 4	Basic Wash	<input type="text" value="8.00"/>
Wash 5	Ultra Wash	<input type="text" value="4.00"/>
Wash 6	Super Wash	<input type="text" value="3.00"/>
Wash 7	Best Wash	<input type="text" value="2.00"/>
Wash 8	Better Wash	<input type="text" value="1.00"/>

Click in the white box to the right and type in the correct price for each package. The HTK offers up to (8) separate packages. You may use as many or as few as you wish.

Once you have completed these settings, click "Save" and "activate changes" to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Item Details

/ Configuration / Application / Item Packages / Item Details

- Select

Configuration

- Select

Application

- Select

Item Packages

- Select

Item Details

The screen should look like this:

Site ID: Hamilton Customer Service Terminal ID/Name: 1 / Lane 1 08:60:6E:FA:6B:B9  
/ Configuration / Application / Item Packages / Item Details

Item 1: Ultimate Wash English

Settings Buyups

Item 1 Ultimate Wash

Audio Play UltimateWash\_en.mp3 Browse...

Details Item Detail 1 Item Detail 2

Enabled ON

Non Taxable OFF

SKU

UpgradeMode Buy Up Items

Save Back

Item 1: Ultimate Wash ▼

This is the item detail that you are currently modifying. Use the pull down to switch between the different item details.

The Item 1 tab is the name of your first package. You can type your package name in this box.

Item 1

The Item 1 Audio tab is the Wave file that will be played when a customer selects this wash. Use the pull down to see what other wash names are available by default. Those wash names are listed below. You can hit the play button to hear the voice prompt that you selected.

**Details:** This allows you to type in the text that you want to display on the machine when a customer selects that package. You can add everything in the detail box that this specific package offers.

Details

The screen would look like this:



**Enabled:** This allows you to enable or disable this Item Detail. Click in the box to enable "ON". Click in the box to disable "OFF" if you do not want to display any details.

Enabled  ON

**Non Taxable:** By clicking in the box to turn this “ON” It means the price of this item will not be used in calculating the tax due.

**Non Taxable**  OFF

**SKU:** (Stock Keeping Unit) Is the number that is sent to the wash equipment telling it which package to fire. Refer to the wash equipment setup to find the correct SKU # for each package if so required. Not all set ups will require using a SKU.

**SKU**

**Upgrade Mode:** Here you have 3 options to choose from:

**UpgradeMode**  ▼

- *Package Upgrades* is selected if you want to prompt your customer to upgrade to a better wash.
- *Buy Up Items* will be selected if you have Ala-cart options that your customer can purchase, such as Rain-X or a tire cleaner.
- *Disabled* will be selected if you don't want to offer upgrades or Buy Ups.

**Buy Ups:** click on the Buy ups tab

**\*NOTE: Buy-Up must first be created before they will show up here**

# Item Buy Ups

/ Configuration / Application / Item Packages / Item Buy Ups

- Select

Configuration

- Select

Application

- Select

Item Packages

- Select

Item Buy Ups

The screen should look like this:

Site ID: Hamilton Customer Service Terminal ID/Name: 1 / Lane 1 08:60:6E:FA:6B:B9  
/ Configuration / Application / Item Packages / Item Buy Ups

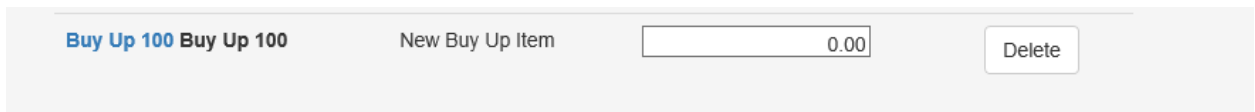
Event to Edit Base

Save Add New

Back

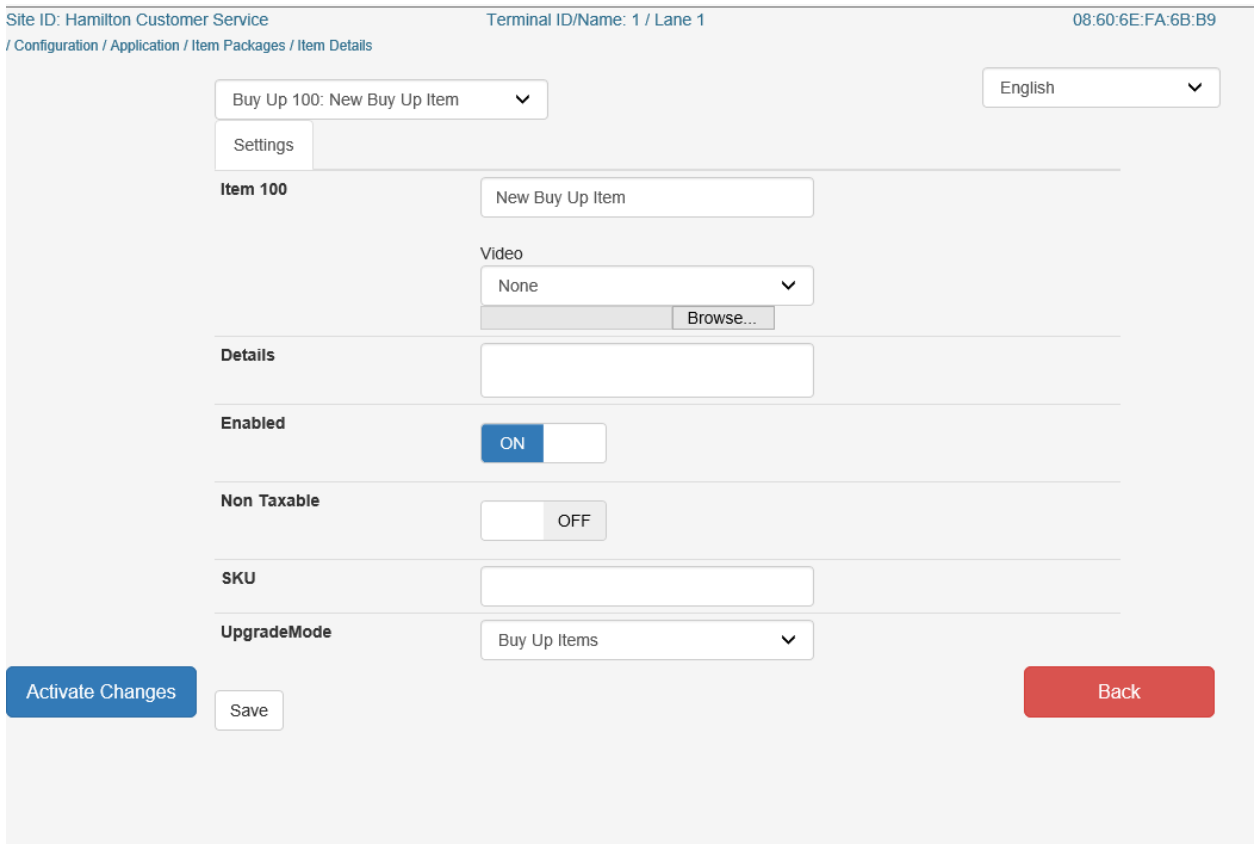
Select “Add New”

Click in the white “price” area and change the price accordingly.



A horizontal configuration bar for a buy up item. On the left, there is a blue button labeled "Buy Up 100 Buy Up 100". To its right is the text "New Buy Up Item". Further right is a white input field containing the value "0.00". On the far right is a white button labeled "Delete".

Click on the blue “Buy up 100”



A configuration screen for a buy up item. At the top, it shows "Site ID: Hamilton Customer Service", "Terminal ID/Name: 1 / Lane 1", and "08:60:6E:FA:6B:B9". Below this is a breadcrumb trail: "/ Configuration / Application / Item Packages / Item Details". The main content area has a dropdown menu set to "Buy Up 100: New Buy Up Item" and a language dropdown set to "English". There are two tabs: "Settings" (selected) and "Details". Under the "Settings" tab, there are several fields: "Item 100" with a text input containing "New Buy Up Item"; "Video" with a dropdown set to "None" and a "Browse..." button; "Enabled" with a toggle switch set to "ON"; "Non Taxable" with a toggle switch set to "OFF"; "SKU" with an empty text input; and "UpgradeMode" with a dropdown set to "Buy Up Items". At the bottom, there are three buttons: "Activate Changes" (blue), "Save" (white), and "Back" (red).

**Item:** Here you will name this buy up. Example: Rain – X

**Video:** You can upload a short video clip to play during the period of time that the customer has the Buy Up menu showing. If you have multiple buy ups that each have videos, it will show them one after another in order.

**\*NOTE: Contact Hamilton manufacturing before using video to be sure it is compatible.**

**To upload a video into the HTK, you must have remote access to the unit and be connected.**

**Select:** Select will only show up if you remote into the HTK. Once you remote in and click select, it allows you to browse to the location on your computer where your video is. Clicking onto the video file and clicking **Open** or **OK** will select it and start the upload out to the HTK.

**Details** – This field is not used for buy ups.

**Enabled:** Should be marked “ON” if you want this Buy Up to currently be functional. Turning it “OFF” will disable the buy up item.

**Non Taxable:** Can be left alone if your HTK isn’t set up to charge taxes. If you do charge taxes, you can select “ON” if you don’t want the Buy Up to add additional taxes turn it to “OFF”.

**SKU:** This can be left alone unless you are using an *Ethervend* system of firing washes. If you are using Ethervend, the SKU you choose will need to match the carwash systems proper SKU for the item as well. Contact the wash manufacture for these settings. This would also be used with the Hamilton Hosted Solutions.

**Upgrade Mode:** *Buy Up Items* allows the option of providing services after the initial wash package has been selected. *Package Upgrades* allows the option to give customers that have a free or automatic wash service (RFID and Codes) to upgrade their package for additional money if they wish. (If you choose to use Buy Up Items, you cannot also use Package Upgrades)

Once you have completed these settings, click “Save” and “activate changes” to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

\*repeat these steps for each buy up item

# Buy Up Items

/ Configuration / Application / Item Packages / Buy Up Settings

- Select

Configuration

- Select

Application

- Select

Item Packages

- Select

Buy Up Settings

The screen should look like this:

/ Configuration / Application / Item Packages / Buy Up Settings

Buy Ups Selection	Unlimited	English
<b>Use Default</b>		
Buy Up Instructions	Would you like to add any of these addi	<input checked="" type="checkbox"/>
Audio	Play	
	Buyup_en.mp3	
Buy Up Screen Timeout	25	Seconds
Buy Up Message Repeat Enable	<input type="checkbox"/>	Off
Buy Up Message Start Delay	0	Seconds
Buy Up Message Repeat Rate	0	Seconds
Buy Up Message Max Repeats	0	
"Hand" Buy Ups/Hanging Tag	<input type="checkbox"/>	Off

**Buy Ups Selection:** This is if you want the customer to be able to select all of the buy-ups available for a wash package (Unlimited) or just one buy-up (Single).

**Buy Up Instructions:** This is the message you want displayed to the customer. If you want to type in your own message uncheck "Use Default".

**Buy up Instructions Audio:** This is the message the HTK will speak to the customer. This message can be changed with custom voice files.

**Buy Up Screen Timeout:** This is the amount of time (in seconds) the buy up page will display after a wash is selected.

**Buy Up Message Repeat Enable:** Enables the machine to repeat the buy up message to the customer. click in the box to turn ON, if you want the repeat enabled. Click in the box to turn OFF if you do not want the machine to repeat the message to the customer.

**Buy Up Message Start Delay:** The amount of time the buy up voice message will wait before it speaks the message to the customer for the first time (in seconds).

**Buy Up Message Repeat Rate:** How long the machine will wait before repeating the buy up message to the customer again (in seconds).

**Buy Up Message Max Repeats:** Determines how many times the machine will prompt the customer for a Buy Up.

**"Hand" Buy Ups/Hanging Tag:** If you have a Ticket Dispenser to Print out a hanging tag. Click the box with the mouse to turn ON/OFF the hanging tags.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Configure Buttons

[/ Configuration / Application / Buttons](#)

- Select



- Select



- Select



The screen should look like this:

[/ Configuration / Application / Buttons](#)

Event to Edit

Single Function

		Style	Color
Button 1	<input type="text" value="Item 1: The Big River Wash"/>	<input type="text" value="Default"/>	<input type="text"/>
Button 2	<input type="text" value="Item 2: The Creek"/>	<input type="text" value="Default"/>	<input type="text"/>
Button 3	<input type="text" value="Item 3: The Stream"/>	<input type="text" value="Default"/>	<input type="text"/>
Button 4	<input type="text" value="Item 4: The Flood Club"/>	<input type="text" value="Default"/>	<input type="text"/>
Button 5	<input type="text" value="None"/>	<input type="text" value="Default"/>	<input type="text"/>
Button 6	<input type="text" value="None"/>	<input type="text" value="Default"/>	<input type="text"/>
Button 7	<input type="text" value="None"/>	<input type="text" value="Default"/>	<input type="text"/>
Button 8	<input type="text" value="None"/>	<input type="text" value="Default"/>	<input type="text"/>

Enable Refunds       Hold Cash Credits

**Event:** This allows you to change the pricing of the washes during an event that you have setup in the Events section. Use the pull down arrow to change the Event you are modifying.

**Single function** – click in the box to turn OFF/ON the Single Function if you only sell one wash. Then click “Save” and “Activate changes”

This is what the screen will look like:

/ Configuration / Application / Buttons

Event to Edit: Base

Single Function: On

Single Function Wash: Item 5: Gold Wash

Instruction: insert creit credit card or Depos

Enable Refunds: On

Hold Cash Credits: Off

Save

English

**Single function wash:** Using the pull down arrow to choose the package you wish to use.

**Instruction:** Here you can type any form of instruction you would like your customer to follow.

Below is what your single function will look like:



When the single button is OFF, it will allow you to use up to (8) packages.

The buttons tab seen below allows you to select the position of the washes that you setup in Item Details. Using the pull down arrow next to the wash name, select the wash you want to show up and in what position on the screen. Button 1 will be positioned on the screen of the machine in the upper left hand corner.

Event to Edit: Base

Single Function: Off

	Item	Style	Color
Button 1	Item 5: Gold Wash	Default	
Button 2	Item 6: Silver Wash	Default	
Button 3	Item 7: Deluxe Wash	Default	
Button 4	Item 8: Basci Wash	Default	
Button 5	None	Default	
Button 6	None	Default	
Button 7	None	Default	
Button 8	None	Default	

Enable Refunds: On      Hold Cash Credits: Off

Save

This is how it will display to the customer:



Another example would be (2) packages on each side of the screen.

Event to Edit

Single Function

		Style	Color
Button 1	<input type="text" value="Item 5: Gold Wash"/>	<input type="text" value="Default"/>	<input type="text" value=""/>
Button 2	<input type="text" value="Item 6: Silver Wash"/>	<input type="text" value="Default"/>	<input type="text" value=""/>
Button 3	<input type="text" value="None"/>	<input type="text" value="Default"/>	<input type="text" value=""/>
Button 4	<input type="text" value="None"/>	<input type="text" value="Default"/>	<input type="text" value=""/>
Button 5	<input type="text" value="Item 7: Deluxe Wash"/>	<input type="text" value="Default"/>	<input type="text" value=""/>
Button 6	<input type="text" value="Item 8: Basci Wash"/>	<input type="text" value="Default"/>	<input type="text" value=""/>
Button 7	<input type="text" value="None"/>	<input type="text" value="Default"/>	<input type="text" value=""/>
Button 8	<input type="text" value="None"/>	<input type="text" value="Default"/>	<input type="text" value=""/>

Enable Refunds       Hold Cash Credits

This is how it will display to the customer:



**The Enable Refunds** button lets you turn ON/OFF refunds. If turned ON, the customer would be able to put cash into the machine and hit refund to get money back. If turned OFF, the customer has to buy a wash if they put money in. They will not be able to push refund to get money back.

**The Hold Cash Credits** button will determine if the machine will hold on to a cash credit that is not used. For example, if cash is inserted into the HTK and no package is selected, and hold cash credit is turned ON, if they drive away the credit will stay on the screen until it is used, or the HTK is rebooted. If the Hold Cash Credits button is turned OFF, the cash credit will disappear after 2 minutes.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

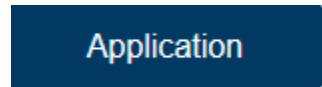
## Events

[/ Configuration / Application / Events](#)

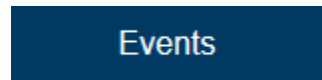
- Select



- Select



- Select



The screen should look like this:

[/ Configuration / Application / Events](#)

<b>Event to Edit</b>	Base <input type="text"/>
<b>Close</b>	<input type="checkbox"/> Off
<b>Close Header</b>	Closed <input type="text"/>
<b>Close Text</b>	The car wash is closed for maintenance. we will reopen at 10:20am <input type="text"/>

This is the default “base” screen for the Events menu. From this screen you have the ability to instantly put the HTK out of service with a custom “Closed” message.

This can be done by filling the boxes similar to the picture above, turning ON the Close button, then Save and then Activate Changes.

When you wish to bring the machine back into service, click in the box to turn OFF, Save, then Activate Changes.

**Event to edit:** Using the pull down will allow you to select between “base” and any other currently programmed events that are in the system. Initially, “base” will be the only selectable option.

Click on **Add New Event**

The screenshot shows a web form titled "Event to Edit". At the top right, there is a dropdown menu currently displaying "New Event". Below the title, there are three tabs: "Event", "Schedule", and "Close Details". The "Event" tab is selected. The form contains the following fields and controls:

- Description:** A text input field containing "New Event".
- Event Id:** A text input field containing "0".
- Enabled:** A toggle switch currently set to "Off".
- Event Type:** A dropdown menu currently set to "Special".

At the bottom of the form, there are three buttons: "Save" (light grey), "Add New Event" (dark blue), and "Delete Event" (orange).

The event that the HTK will make by default is a “special” event (seen under Event Type).

**Description:** This is the name of your event. By default it will just read “Event Description”. Click in the box and type what you want to call the event. Example: “Wacky Wednesday”

**Event ID:** This is for sorting the events, specifically when you have multiple. Ideally, you don’t want your Event ID to match any other Event IDs.

**Enabled:** clicking on the button to turn ON will enable this event. If it is left OFF, the event will not be active even during its defined time period.

**Event Type:** This will let you specify between a “Special”, “Daily” or a “Weekly” event type.

*Special* events are for situations where you wish to run the special for a predetermined amount of time sometime in the future. For example an upcoming holiday week.

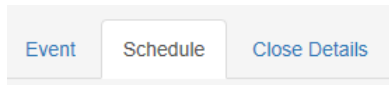
*Daily* event types are for specials that you want to run every day, but only between specific hours of the day. This is where you would find something like an “Early Bird” special every morning, or if you wanted to set specific “closed” times where the equipment would be unavailable.

*\*Note: When setting the dates, it needs to be between a 24-hour period for it to work. example for a one-day event you might choose Start date 10/31/2017 end date 11/1/2017 Time start 12pm end time 2pm. This will have the event run on 10/31/2017 starting at 12pm, stopping the event on 10/31/2017 at 2pm.*

*If you choose start date 10/31/2017 end date 10/31/2017 the event will never enable.*

*Weekly* events are similar to daily events. It lets you create specials that only run for a certain period of time for the week. Examples include a price drop only during Monday through Friday, or even a special that runs only on the weekend.

Now click the “Schedule” tab



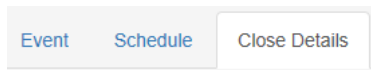
**Event Start Date/Time:** For the Special event, this is where you will set the date and time for when you actually want the event to begin.

**Event End Date/Time:** This is where you will choose the end of the promotion.

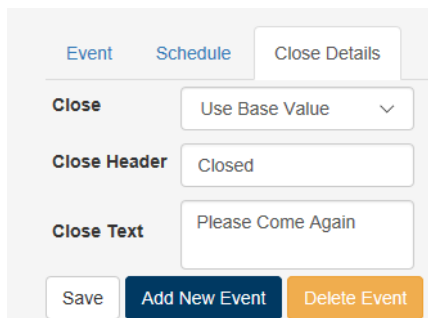
**Priority:** Priority is important for a scenario where you may have 2 events running simultaneously (say a “Wacky Wednesday” and an “Early Bird” special). To prevent confusion, the one with the highest priority will be the one that runs at that time. This will ensure that the customer isn’t necessarily getting a double promotion and will also make sure that the two events don’t cancel each other out.

Once you have completed these settings, click activate changes to save the settings.

To set up a closed event, click on the “Close Details” tab



The screen should look like this:



**Close:** This is an option that would allow you to make an event to close down the HTK for the duration of the event. By default, the option will show “Use Base Value”, which means that it will stay open and continue to use the existing pricing. Selecting “Yes” will instead put the HTK out of service and will keep it out of service until the event is over or you go back to “Use Base Value”.

**Closed Header:** This is the message that would show across the top of the HTK screen in the event that you select “yes” under the Close menu.

**Closed Text:** This is the message that will display in the middle of the HTK screen when “yes” has been selected from the Close menu.

\*special note: If you are creating an event that will go from one day into the next, you will have to create two separate events.

Example: Event 1 set to a daily event, start time 7:00PM, end time 11:59PM. Event 2 set to a daily event, start time 12:00AM, end time 6:00AM

That would make the event run from 7pm to 6am.

To delete an event, you must first delete any event pricing, code coupons etc that are included in the event, once those are deleted, it will allow you to delete the event.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

## Welcome Messages

/ Configuration / Application / Welcome Messages

- Select



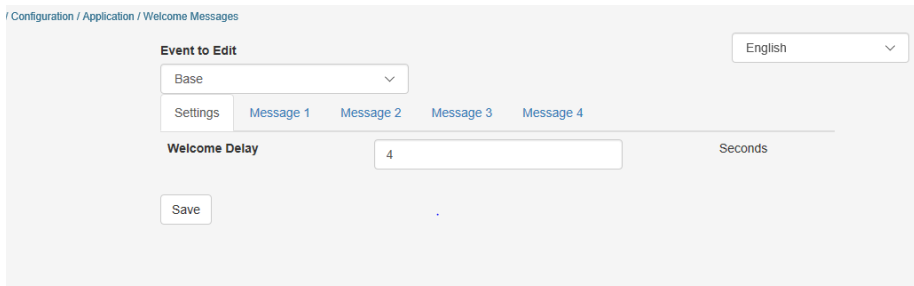
- Select



- Select

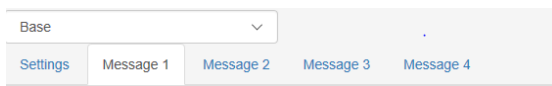


The screen should look like this:



**Welcome Delay** – this is delay in seconds, on which the voice will start to talk when a customer pulls up to the HTK.

Click to the “Message 1” tab



/ Configuration / Application / Welcome Messages

Event to Edit English ▾

Base ▾

Settings Message 1 Message 2 Message 3 Message 4

Enabled  On Use Default

Message 1   Off

Audio   ▾

Video  ▾

**Message 1:** This is what will display to the customer when they pull up to the HTK. If you would like to change this from the current default message, turn OFF “Use Default” and then click in the text field and type the message you wish to be displayed.

**Enabled** – this will turn the audio ON / OFF

**Message 1 Audio:** This is what the HTK will speak to the customer when they pull up. To enable this, you must turn ON enabled button.

This will be set at the factory to match the text prompt. If you turn OFF the “use default” from the above text prompts, you can then choose from the pull down menu. Or if you have custom voice prompts, click on the browse button. You can then browse your computer to find your custom prompts.

\*NOTE: The browse button can only be seen when you remote into the HTK

**Message 1 Video:** Is a video that the HTK will play for the customer. This can be added with customer video files. Hamilton Manufacturing does not supply these videos. Videos should be a .wmv or .mp4 file, (320x240) and less than 20MB. They can be played on the following screens.

- Welcome Prompts • Screen Saver • CAR WASH BUSY PLEASE WAIT message. (For waiting when not gated... No Stacking or Gate Controlled cycle signal mode)
- CAR WASH WAIT FOR GATE (for waiting when No Stacking or Gate Controlled) • Buy Up Items (Cycles through videos while waiting for buy up choices)

\*NOTE: Contact Hamilton Manufacturing before using video to be sure it is compatible.

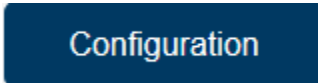
If you would like to have more than one welcome prompt, repeat these steps for messages 2 and 3.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

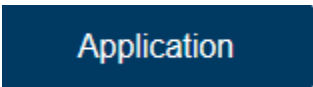
## Proceed Prompts

/ Configuration / Application / Proceed Prompts

- Select



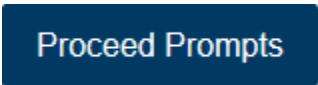
- Select



- Select



- Select



The screen should look like this:

The screenshot shows a configuration page for "Proceed Prompts" under the path "/ Configuration / Application / Proceed Prompts". At the top right, there is a language dropdown menu set to "English". Below this are three tabs: "Proceed", "Receipt", and "Timeout", with "Proceed" being the active tab. A "Use Default" link is located to the right of the tabs. The main content area is divided into three sections:

- Proceed Prompt:** Includes a text input field with "Please pull into the wash bay.", a toggle switch set to "On", an "Audio" section with a "Play" icon and a dropdown menu showing "Proceed02\_en.mp3".
- Please Wait Prompt:** Includes a text input field with "Please wait until the wash bay is empty.", a toggle switch set to "On", an "Audio" section with a "Play" icon and a dropdown menu showing "PleaseWait\_en.mp3".
- Non-Stacking Wait Prompt:** Includes a text input field with "Please wait", an "Audio" section with a "Play" icon and a dropdown menu showing "PleaseWait2\_en.mp3", and a "Browse..." button.

At the bottom left is a "Save" button, and at the bottom right is a red "Back" button.

**Proceed Prompt:** This is the message seen after a customer makes a wash selection and is waiting to

proceed. You may use the default prompt by turning ON the use default box, or turn OFF the box and add your own text. This message is displayed to every customer.

**Proceed Prompt Audio:** This is what the HTK will speak to the customer after the transaction is complete. This will be set at the factory to match the text prompt. If you turn OFF the “use default” from the above text prompts, you can then choose from the pull down menu. Or if you have custom voice prompts, Turn OFF the “use default”. You can then browse your computer to find your custom prompts.

**Please wait Prompt video:** This is a video that the HTK will play for the customer. It can be added with custom video files. Hamilton Manufacturing does not supply these videos. Videos should be a .wmv or .mp4 file, (320x240) and less than 20MB. They can be played on the following screens. Screen saver videos should be sized at (1024x768).

- Welcome Prompts
- Screen Saver
- CAR WASH BUSY PLEASE WAIT message. (For waiting when not gated... No Stacking or Gate Controlled cycle signal mode)
- CAR WASH WAIT FOR GATE (for waiting when No Stacking or Gate Controlled)
- Buy Up Items (Cycles through videos while waiting for buy up choices) Click on the select button. You can then browse your computer to find your custom prompts.

**\*NOTE:** Contact Hamilton Manufacturing before using video, to be sure it is compatible.

**Non-Stacking wait prompt video:** This is a video that the HTK will play for the customer. It can be added with custom video files. Hamilton Manufacturing does not supply these videos. Videos should be a .wmv or .mp4 file, (320x240) and less than 20MB. They can be played on the following screens.

- Welcome Prompts
- Screen Saver
- CAR WASH BUSY PLEASE WAIT message. (For waiting when not gated... No Stacking or Gate Controlled cycle signal mode)
- CAR WASH WAIT FOR GATE (for waiting when No Stacking or Gate Controlled)
- Buy Up Items (Cycles through videos while waiting for buy up choices) Click on the select button. You can then browse your computer to find your custom prompts.

**\*NOTE:** Contact Hamilton manufacturing before using video, to be sure it is compatible

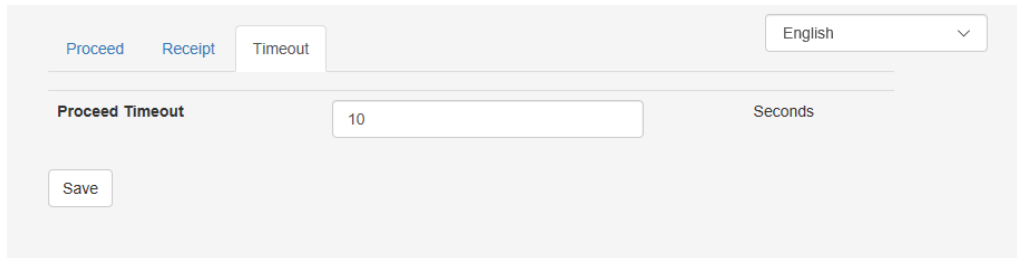
On the Receipt tab

The screenshot shows the configuration interface for the Receipt tab. At the top, there are three tabs: 'Proceed', 'Receipt' (which is selected), and 'Timeout'. To the right of the tabs is a language dropdown menu set to 'English'. Below the tabs is a 'Use Default' checkbox that is checked. The main configuration area is titled 'Ask for Receipt Prompt (Not Stacked)'. It contains a text input field with the text 'For a receipt press print, or pull into t' and an 'On' toggle switch. Below this is an 'Audio' section with a 'Play' button and a dropdown menu showing 'Proceed01\_en.mp3'. At the bottom left of the configuration area is a 'Save' button.

**Ask for receipt prompt (Not Stacked):** This is the message the HTK will display to the customer. You may use the default prompt by turning ON the “use default” box , or turn OFF the box and add your own text. This message is presented to the first car in line (Not Stacked)

**Ask for receipt prompt (Not stacked) Audio:** This will be set at the factory to match the text prompt. If you turn OFF the “use default” from the above text prompts, you can then choose from the pull down menu. Or if you have custom voice prompts, click on the Browse button. You can then browse your computer to find your custom prompts.

Click on the Timeout tab



The screenshot shows a settings interface with three tabs: 'Proceed', 'Receipt', and 'Timeout'. The 'Timeout' tab is active. In the top right corner, there is a language dropdown menu set to 'English'. Below the tabs, the 'Proceed Timeout' is displayed as '10' in a text input field, with the unit 'Seconds' to its right. A 'Save' button is located at the bottom left of the form.

**Proceed Timeout:** This is the time in seconds that the HTK will display the proceed message

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Tokenotes®

/ Configuration / Application / Discounts / Tokenotes

- Select

Configuration

- Select

Application

- Select

Next

- Select

Discounts

- Select

Tokenotes

The screen should look like this:

/ Configuration / Application / Discounts / Tokenotes

**Event to Edit**

Base

**Show Items or Buy Up Items**

Items

Tokenote	Default	The Big River Wash	The Creek	The Stream	The Flood Club	Gold Wash	Silver Wash	Deluxe Wash	Basci Wash
----------	---------	--------------------	-----------	------------	----------------	-----------	-------------	-------------	------------

Save Add New

Click "Add New"

**Event to Edit**  
Base

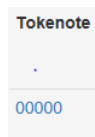
**Show Items or Buy Up Items**  
Items

Tokenote	Default	The Big River Wash	The Creek	The Stream	The Flood Club	Gold Wash	Silver Wash	Deluxe Wash	Basci Wash
00000	0.00								

Save Add New

**Event to Edit:**

**Show item or buy up item:**



Tokenote: click on the blue numbers.

Tokenote Code: 00000

Default Value: 0.00

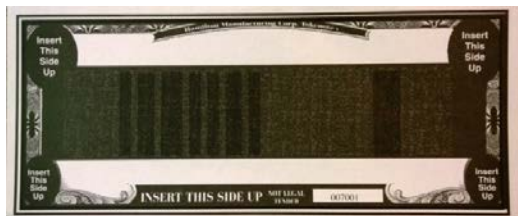
Description: New Tokenote

Exclusive Use: Off

Use Count: 1

Save Delete

**Tokenote Code:** This is located on the Tokenote itself, usually located in the lower right corner. The code must be entered in order for the **Hamilton XE Validator** to read it.



**Default Value:** This is the value of the discount for this Tokenote. Example: \$1.00 would be a \$1.00 discount off any wash package. If the Tokenote is only good for one specific wash package, leave the default value at 0.

**Description:** This is a text field for entering a description of the Tokenote discount.

**Exclusive Use:** When checked, this Tokenote cannot be used with other token credits.

**Use Count:** This is the number of times that value Tokenote can be used in a single transaction. Example: Tokenote is a \$1 off; “use count” equals (1) would only allow the customer to use 1 of those Tokenote for their transaction. If they insert a second \$1 off Tokenote, it will reject and tell

them, sorry only 1 Tokenote per visit. If the “use count” equals (5), it would allow the customer to insert (5) \$1 off Tokenote, equaling a \$5 credit to be used.

Click save

Default value example:

Tokenote	Default	The Big River Wash	The Creek	The Stream	The Flood Club	Gold Wash	Silver Wash	Deluxe Wash	Basci Wash
007001	1.00								

Save Add New

If not using the default value.

Item 1-8: Here you can specify a different value for each package with one Tokenote, or you can make that Tokenote good for only one package. If you want to make the Tokenote good for one package, put the value of the Tokenote under that package and then leave \$0.00 amount under the remaining packages

One Tokenote with a different value for each package:

Tokenote	Default	The Big River Wash	The Creek	The Stream	The Flood Club	Gold Wash	Silver Wash	Deluxe Wash	Basci Wash
007001	1.00								
08501	0.00	5.00	4.00	3.00	2.00				

Save Add New

Tokenote good for one package only:

Tokenote	Default	The Big River Wash	The Creek	The Stream	The Flood Club	Gold Wash	Silver Wash	Deluxe Wash	Basci Wash
007001	1.00								
08501	0.00	0.00	0.00	0.00	2.00				

Save Add New

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Token Coins

/ Configuration / Application / Discounts / Token Coins

- Select

Configuration

- Select

Application

- Select

Next

- Select

Discounts

- Select

Token Coins

The screen should look like this:

Configuration / Application / Discounts / Token Coins

Token	Value	Mode
<input type="text"/>	<input type="text"/>	<input type="text"/>

Select Add New

Token	Value	Mode
Token Coin 1	<input type="text" value="0.00"/>	Single Credit <input type="button" value="v"/>

**Token coin 1 Value:** Is the \$\$ value of the token.

**Mode:**

- **Single Credit:** Allows only a single token to be deposited per transaction.
- **Multiple Credit:** Allows multiple tokens to be deposited per transaction

Click Save

The grid should look something like this when completes:

Token	Value	Mode	
Token Coin 1	<input type="text" value="1.00"/>	Multiple Credits <input type="button" value="v"/>	<input type="button" value="Delete"/>
Token Coin 2	<input type="text" value="2.00"/>	Single Credit <input type="button" value="v"/>	<input type="button" value="Delete"/>

Repeat this step for each Token that will be accepted.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Code Coupons

/ Configuration / Application / Discounts / Code Coupons / Redeem

- Select

Configuration

- Select

Application

- Select

Next

- Select

Discounts

- Select

Code Coupons

- Select

Redeem

The screen should look like this:

Event to Edit  
Base

Show Items or Buy Up Items  
Items

Coupon Length: 4      Hide on Entry: On

Code	Enable	Default	The Big	The	The	The	Gold	Silver	Deluxe	Basci
Coupon			River Wash	Creek	Stream	Flood Club	Wash	Wash	Wash	Wash

Save   Add New

Click Add New

**Event to Edit**

Base

**Show Items or Buy Up Items**

Items

Coupon Length: 4      Hide on Entry:  On

Code Coupon	Enable	Default	The Big River Wash	The Creek	The Stream	The Flood Club	Gold Wash	Silver Wash	Deluxe Wash	Basci Wash
#9999	<input type="checkbox"/> Off	0.00								

Save    Add New

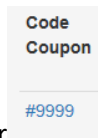
**Event to Edit:**

**Show Items or Buy Up Items:**

**Coupon Length:** This is how many digits you want your codes to be (From 2-7). All codes must then be the same length. Using the pull down, choose your code length.

**Hide on Entry:** Turning ON, will hide the code when a customer enters it at the machine, replacing the numbers with an asterisk (\*). Leaving the box OFF, the numbers will be visible on the display when entering the code.

**Coupon Code:** click the blue number



CouponKey: #9999

ItemId: None

Value: 0.00

Description: New Coupon

Feedback:

Save    Delete

**Coupon Key:** This is where you will enter the code number you want to use. When you enter a code, the pound sign (#) must be added to the beginning. This tells the HTK that this is a code coupon and not a code from a POS system. When your customer enters this code, they must also enter the (#) sign before entering the code.

NOTE: all code coupons must be the same length

**Item ID:** This is if you want the code coupon good for a specific package. Using the pull down, you can choose the package you want this code to only be used for.

**Value:** This is if you want the code to give the same value across all packages

**Description:** This is a text field for entering a description of the code discount.

**Feedback:** This is for entering a message that is displayed to the customer after the code coupon has been validated.

Once you have completed this page, click then click activate change

Repeat this process to add another code coupon.

Code Coupon	Enable	Default	The Big River Wash	The Creek	The Stream	The Flood Club	Gold Wash	Silver Wash	Deluxe Wash	Basci Wash
#9999	<input type="checkbox"/> Off	1.00	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Code Coupon:** This is where it will display all of the codes that are programmed in the machine.

**Enable:** Turning ON will enable the code to be used at the machine. If the box is OFF, the code will be disabled.

**Default Value:** This is the value of the discount for this code coupon for all packages. If the Code Coupon is only good for one specific wash package, leave the default value at \$0.00. Example: \$1.00 would be a \$1.00 discount off any wash package.

Code Coupon	Enable	Default	The Big River Wash	The Creek	The Stream	The Flood Club	Gold Wash	Silver Wash	Deluxe Wash	Basci Wash
#9999	<input checked="" type="checkbox"/> On	1.00	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Item 1-8:** This is where you can specify a different value for each package with one code, or you can make that code good for only one package. If you want to make the code good for one package, put the value of the code under that package and then leave \$0.00 amount under the remaining packages.

One code, with a different value for each package:

**Event to Edit**

Base

**Show Items or Buy Up Items**

Items

Coupon Length: 4      Hide on Entry:  On

Code	Enable	Default	The Big River Wash	The Creek	The Stream	The Flood Club	Gold Wash	Silver Wash	Deluxe Wash	Basci Wash
#9999	<input checked="" type="checkbox"/> On	0.00	5.00	4.00	3.00	2.00				

Save    Add New

Code good for one package only:

**Event to Edit**

Base

**Show Items or Buy Up Items**

Items

Coupon Length: 4      Hide on Entry:  On

Code	Enable	Default	The Big River Wash	The Creek	The Stream	The Flood Club	Gold Wash	Silver Wash	Deluxe Wash	Basci Wash
#9999	<input checked="" type="checkbox"/> On	0.00	0.00	4.00	0.00	0.00				

Save    Add New

NOTE: These codes are NOT for a one time use. When they are enabled, they can continue to be used.

If you no longer want this code to be used, you must uncheck the enable box. If you will never use this code again, it is suggested that you delete the code coupon all together.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Code Coupon Receipts

/ Configuration / Application / Discounts / Code Coupons / Receipt

- Select

Configuration

- Select

Application

- Select

Next

- Select

Discounts

- Select

Code Coupons

- Select

Receipt

The screen should look like this:

Coupon Barcode Std.		QRCode	English
		Printed Text	Coded Text
Item 1: The Big River Wash: Coupon	none		
Item 2: The Creek: Coupon	none		
Item 3: The Stream: Coupon	none		
Item 4: The Flood Club: Coupon	none		
Item 5: Gold Wash: Coupon	none		
Item 6: Silver Wash: Coupon	none		
Item 7: Deluxe Wash: Coupon	none		

**Coupon Barcode Std:** This is for the type of barcode that will be printed on your receipt. (Code39, Code128, Coda bar, ITF, QR Code)

**Item 1-8:** This is for which package you will associate this barcode/code coupon to. You can choose to only print when one particular package is purchased, or you can have it printed for all packages.

**Coupon:** Here you will select which code coupon you will print on the receipt. This code coupon will then print out as a barcode on the receipt. This will allow the customer to scan the receipt, on the barcode reader attached to the HTK, on their next visit. Normally these are used for a discount on the customer's next visit.

\*NOTE: the code coupon printed on a receipt, will follow the same rules as a normal code coupon. It will always be good, until it has been disabled or deleted.

Printed: When a QR Code is selected, what is typed in this box will print on the receipt, under the QR Code, example: \$2.00 off on your next visit.

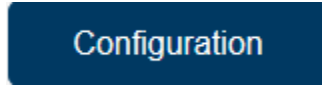
Coded: This gives you the option to add text within the barcode itself. Example: Go to Hamiltonmfg.com. Now if your customer has an app that will read barcodes, they will see the "visit Hamiltonmfg.com". Without the app, this will not be a readable field.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

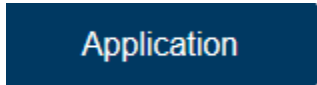
# RFID Vend/Select Settings

[/ Configuration / Application / Discounts / RFID](#)

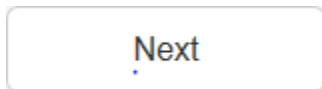
- Select



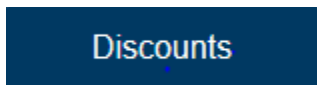
- Select



- Select



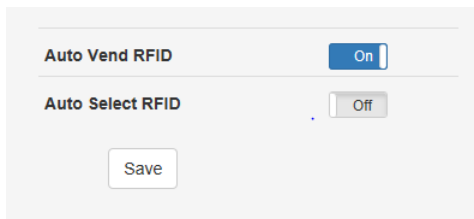
- Select



- Select



The screen should look like this:



**Auto Vend:** If this is turned on, it will automatically vend the wash package associated with the RFID tag number.

**Auto Select:** If this turned on, and if the package associated with the RFID tag number has buy up items available for the package, those buy up items will be offered to the customer for additional money. If they don't wish to purchase the optional buy up item(s), then they press DONE. If there are no buy up items available, it will automatically vend the wash package associated with the RFID tag number.

If neither are on when the RFID tag is read, a credit will appear. This will allow the customer to choose which wash package they want, allowing them to upgrade to a better package if so desired.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

## Change Rule

/ Configuration / Application / Change Rules

- Select

Configuration

- Select

Application

- Select

Next

- Select

Change Rules

The screen should look like this:

Configuration / Application / Change Rules

Priority	Action	Qty	Dispense	Item	Event
1	Bonus Token/Tokenote	1		Buy Up: 104: Free Vacuum Token	Base <a href="#">Edit</a> <a href="#">Delete</a>

Click on “Add new” Rule to start a new rule. The click “Edit”

Action	First Change From
Dispense	Not Set
Quantity	1
Priority	1-Highest
Valid For Item	All
Restrict to Event	Base

Save Cancel

**Action:** Using the pull down, you can choose from “first change from” or “Bonus Token/Tokenote”. First Change From is telling the HTK what form of change will be paid back to the customer first, either bills or coins. Example: always payout (4) quarters first. You can have it pay out anything from pennies to \$100 bills.

**Dispense:** Here is where you would choose what you are dispensing first.

NOTE: Choices may be different between Regions

**Quantity:** Is how many of the first pay out you want to be dispensed. Example: if you are paying out quarters first, you might put (4) in the quantity. This will give \$1 in quarters first, before any other change.

**Priority:** If you have more than one change rule, you can choose which rule has the most priority. Using the pull down, select which priority. 1 being the highest priority, 9 being the lowest.

**Valid for Item:** This lets you select if this is for a specific package. Using the pull down, you can then select which package you want this priority used for. If you leave the selection at “none” it will be used for all packages.

**Restrict to Event:** This allows you to set this rule for the Base pricing or for an event. Using the pull down, select what this rule would pertain to.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Queue Mode

/ Configuration / Application / Queue

- Select

Configuration

- Select

Application

- Select

Next

- Select

Queue

The screen should look like this:

/ Configuration / Application / Queue

Tunnel Pass Mode	<input type="checkbox"/> Off	English <input type="button" value="v"/>
Cycle Signal Operation	Required <input type="button" value="v"/>	
Suspend/Release Vend Pulse	Suspend <input type="button" value="v"/>	
Cycle Signal Release Delay	0 <input type="text"/> Milliseconds	
Cycle Signal	Passive <input type="button" value="v"/>	
Drive Off Timer	0 <input type="text"/> Seconds	

This menu deals with how the HTK sends and receives signals to the carwash equipment or gate system.

**Tunnel Pass Mode:** This option, instead of sending a vend signal, will print a receipt showing the purchased package. In scenarios that would use this function, the receipt is generally then shown to an attendant that would provide the customer with whatever service they just purchased. In most scenarios, you will leave this OFF.

**Cycle Signal Operation:** This menu contains the options for how the HTK looks for a cycle signal.

*Required-* This tells the HTK we should be looking for a cycle signal.

*Not Required-* This tells the HTK a cycle signal is not needed.

*No Stacking*- This option will only be selected if stacking and cycle signals will be controlled by a gate system.

**Gate Controller**- This is a special scenario where the HTK acts as the gate controller. This will only be used in multi-lane gate setups and requires an additional download of software, as this is an optional feature “Gate sequence software”

**Suspend/Release Vend Pulse:** This changes how we send the vended service to the equipment.

*Suspend*- Allows the HTK to hold the vend signal until the first car clears. This is the most common option.

*Release*- Allows a vend signal to be sent immediately.

**Cycle Signal Release Delay:** This allows you to change how quickly the HTK fires the vend signal after it has been selected and/or paid for.

**Cycle Signal:** This will change what kind of signal the HTK is expecting or looking for.

*Active*- When the equipment is sending the HTK constant voltage it would be in service. If it takes that voltage away, that would put the HTK out of service.

*Passive*- When the equipment is sending the HTK no voltage, it would be in service. If it starts sending voltage, it would go out of service.

**Drive off Timer:** This option is generally used when the HTK is interfaced with equipment that doesn't have its own drive off timer or doesn't send a signal to let the HTK know that it had activated its own drive off timer. '0' disables the feature and unless told otherwise, this feature is generally left in a disabled state. Range is 0 to 1800 seconds

Once you have completed these settings, click save, then activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Vend

/ Configuration / Application / Vend

Configuration

- Select

Application

- Select

Next

- Select

Next

- Select

Vend

- Select

Relay

The screen should look like this:

Configuration / Application / Vend / Relay

Vend Settings	
Relay Vend Mode	Normal
Vend Duration	2000
Always use Isolated Vend	Off
Isolated Duration	1000
Default Pattern	On
Save	

**\*NOTE: If you need more than eight relays you will need to purchase a second wash interface pan and harness, this will expand the available relays to sixteen.**

**Relay Vend mode:** Using the pull down, you have three available vend modes. Normal (above), Matrix and custom single relay. Choose which vend mode you will be using.

These options are explained below.

**Vend Duration:** This is used to program the length of time that the HTK turns on its vend relays. The vend relays are turned on to signal the receiving equipment that the customer has finished the transaction and is ready to drive ahead. The length of time these relays should be held depends on the requirements of the receiving equipment. \*Refer to the equipment manual before programming these settings.

**Always use Isolated Vend:** When checked, the isolated vend relay will fire with every item vended. The isolated vend relay has a separate common from the other vend relays so it could be used to control a gate up signal or a door up signal without interfering with the wash package vending. When always use isolated vend is not checked the relay can be used as a 9th vend relay.

**Isolated Duration:** This is the length of time that the HTK turns on the isolated vend relay. The length of time this relay should be held, depends on the requirements of the receiving equipment that you are connecting the Isolated vend to.

*\*Refer to your equipment manual before programming these settings.*

If you are not using the default vend pattern, turn OFF the default pattern button. Once you save and activate the changes, a new tab will appear, Vend Pattern. Click the tab



Now you will be able to control the vend pattern. Simply turn ON which relay needs to fire what package.

A screenshot of the 'Vend Pattern' configuration interface. It features a table with columns for 'Relay' (1-8) and 'Isolated Vend'. Each row represents a different item, and each cell contains an 'On' or 'Off' toggle button. The 'On' buttons are highlighted in blue.

Relay:	1	2	3	4	5	6	7	8	Isolated Vend
Item 1: The Big River Wash	On	Off	Off	Off	Off	Off	Off	Off	Off
Item 2: The Creek	Off	On	Off	Off	Off	Off	Off	Off	Off
Item 3: The Stream	Off	Off	On	Off	Off	Off	Off	Off	Off
Item 4: The Flood Club	Off	Off	Off	On	Off	Off	Off	Off	Off
Item 5: Gold Wash	On	Off	Off	On	Off	Off	Off	Off	Off
Item 6: Silver Wash	Off	On	Off	On	Off	Off	Off	Off	Off
Item 7: Deluxe Wash	Off	Off	On	On	Off	Off	Off	Off	Off
Item 8: Basci Wash	On	Off	On	On	Off	Off	Off	Off	Off
Item 100: New Day Ho Item	Off	Off	Off	Off	Off	Off	Off	Off	Off

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Matrix

Matrix vend is designed to emulate a keypad with Rows and Columns.

**Relay Vend Mode**, using the pull down, change the selection to “Matrix”

The screenshot shows a web-based configuration interface for vending settings. At the top, there are two tabs: "Vend Settings" (active) and "Vend Pattern". Below the tabs, there are several configuration fields:

- Relay Vend Mode:** A dropdown menu with "Matrix" selected.
- Vend Duration:** A text input field containing "2000".
- Always use Isolated Vend:** A toggle switch set to "Off".
- Isolated Duration:** A text input field containing "1000".
- Enter:** Two dropdown menus, "Row" and "Col", both set to "8".
- Command Pause:** A text input field containing "0".

At the bottom left of the form is a "Save" button.

*\*NOTE: Matrix vend requires a second wash interface and harness. One wash interface pan will be the Rows and the second wash interface pan will be Columns.*

*\*\*NOTE: There is a dip switch bank on the backside of the wash interface pan. The wash interface pan that will be used for rows, all (3) dip switches should be set to the OFF position. The wash interface pan that will be used for columns, dip switch (1) will need to be in the ON position.*

**Vend Duration:** This is used to program the length of time that the HTK turns on its vend relays. The vend relays are turned on to signal the receiving equipment as if an operator was pressing a button on a keypad. The length of time these relays should be held depends on the requirements of the receiving equipment. It should be the same amount of time a person would take to press and hold the button.

\*Refer to the your equipment manual before programming these settings

**Always use Isolated Vend:** When checked will fire this relay with every item vended. The isolated vend relay has a separate common from the other vend relays, so it could be used to control a gate up signal or a door up signal without interfering with the wash package vending. When always use isolated vend is not checked the relay can be used as a 9th vend relay.

**Enter:** This would be designated to the Row and Column that the enter key is set for in the tunnel controller or on the keypad.

**Command Pause:** This is used if a pause is need between the Item relay vend firing and the enter key being pushed. This is set in milliseconds depending on the requirements of the equipment.

	Row	Col
Item 1: The Big River Wash	None ▾	None ▾
Item 2: The Creek	None ▾	None ▾
Item 3: The Stream	None ▾	None ▾
Item 4: The Flood Club	None ▾	None ▾
Item 5: Gold Wash	None ▾	None ▾
Item 6: Silver Wash	None ▾	None ▾
Item 7: Deluxe Wash	None ▾	None ▾
Item 8: Basci Wash	None ▾	None ▾
Item 100: New Buy Up Item	None ▾	None ▾
Item 101: New Buy Up Item	None ▾	None ▾
Item 102: New Buy Up Item	None ▾	None ▾
Item 103: New Buy Up Item	None ▾	None ▾
Item 104: Free Vacuum Token	None ▾	None ▾

[Back](#)

## Custom Single Relay

**\*NOTE:** Custom single relay vend requires a second wash interface pan and harness, if more than eight relays are required.

**\*\*NOTE:** There is a dip switch bank on the backside of the wash interface pan. The wash interface pan #1, switches (1) (2) and (3) should all be set to the ON position. The wash interface pan#2 switch (1) should be ON.

**Custom-single relay Vend:** This is designed so the HTK can fire one relay from either of the wash interfaces, expanding the relays available to sixteen.

Click the Vend Pattern tab

Vend Settings	Vend Pattern
---------------	--------------

To assign a package or buy up to a specific wash interface pan and relay, use the drop down box to the right of the Item or Buy up name.

Vend Settings		Vend Pattern
Relay		
Item 1: The Big River Wash		None
Item 2: The Creek		Pan1: Relay 1
Item 3: The Stream		Pan1: Relay 2
Item 4: The Flood Club		Pan1: Relay 3
Item 5: Gold Wash		Pan1: Relay 4
Item 6: Silver Wash		Pan1: Relay 5
Item 7: Deluxe Wash		Pan1: Relay 6
Item 8: Basci Wash		Pan1: Relay 7
Item 100: New Buy Up Item		Pan1: Relay 8
Item 101: New Buy Up Item	None	Pan 2: Relay 1
Item 102: New Buy Up Item	None	Pan 2: Relay 2
Item 103: New Buy Up Item	None	Pan 2: Relay 3
Item 104: Free Vacuum Token	None	Pan 2: Relay 4
		Pan 2: Relay 5
		Pan 2: Relay 6
		Pan 2: Relay 7
		Pan 2: Relay 8

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Ethernet Vending

/ Configuration / Application / Vend / Ethernet

## Configuration

- Select

## Application

- Select

Next

- Select

Next

- Select

## Vend

- Select

## Ethernet

The screen should look like this:

/ Configuration / Application / Vend / Ethernet

Ethernet Vend Enabled	<input type="checkbox"/> Off
Ethernet Vend Mode	TCP
Network Address	192.168.0.200
Port	8052

Save

**Ethernet Vend Enable:** This allows you to send package vending information via Ethernet, if the receiving equipment is capable. Turn ON to enable the ether vend.

**Ethernet Vend Mode:** This has two choices available, TCP, and Modbus. Choose the mode required for the equipment the HTK is communicating to. \*Refer to the equipment manual for these settings, or contact the equipment manufacture.

**Network Address:** This is the IP address assigned to the tunnel controller or receiving equipment.

**Port:** This is the listening port of the tunnel controller or receiving equipment.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

## Checkout Screen

/ Configuration / Application / Checkout Screen

- Select

Configuration

- Select

Application

- Select

Next

- Select

Next

- Select

Checkout Screen

The screen should look like this:

/ Configuration / Application / Checkout Screen

Deposit Message Repeat Enable	<input type="checkbox"/> Off
Deposit Message Start Delay	<input type="text" value="0"/> Seconds
Deposit Message Repeat Rate	<input type="text" value="0"/> Seconds
Deposit Message Max Repeats	<input type="text" value="0"/>

This screen lets you customize how often the machine prompts the customer to pay for the services. The default settings will prompt the customer for the payment just one time.

**Deposit message Start delay:** This is how long the machine will wait before the voice on the machine prompts the customer for payment. This value is in seconds.

**Deposit Message Repeat Rate:** This is how long the machine will wait before repeating the deposit message.

**Deposit Message Max Repeats:** Determines how many times the machine will prompt the customer for a deposit.

EXAMPLE:

Put a check mark at the top to customize this field. (See below)

In this example we set the machine to wait 2 seconds before prompting the customer to deposit money.

The machine will wait for 10 seconds before prompting the customer a second time. After another 10 seconds, the machine will prompt the customer the 3rd time. The machine will not prompt the customer again after the 3rd time.

Turn ON the Deposit Message repeat Enable

In this example we set the machine to wait 2 seconds before prompting the customer to deposit money.

The machine will wait for 10 seconds before prompting the customer a second time. After another 10 seconds, the machine will prompt the customer the 3rd time. The machine will not prompt the customer again after the 3rd time.

Deposit Message Repeat Enable	<input checked="" type="checkbox"/> On
Deposit Message Start Delay	<input type="text" value="2"/> Seconds
Deposit Message Repeat Rate	<input type="text" value="10"/> Seconds
Deposit Message Max Repeats	<input type="text" value="3"/>

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

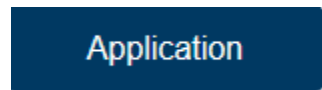
## Misc Messages

/ Configuration / Application / Misc Messages

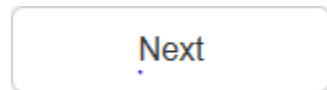
- Select



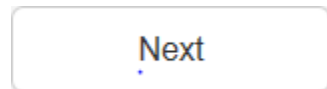
- Select



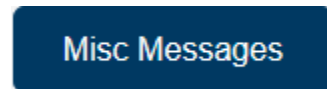
- Select



- Select



- Select



The screen should look like this:

The screenshot shows a configuration page with a breadcrumb trail at the top: "/ Configuration / Application / Misc Messages". The page contains three rows of settings:

- Application Title:** A text input field containing "Car Wash" and a language dropdown menu set to "English".
- Select Item Prompt:** A text input field containing "Select Wash" and a toggle switch currently set to "Off".
- Default Item Type:** A dropdown menu currently set to "Wash".

At the bottom left of the form is a "Save" button.

**Application Title:** This is the name of the HTK that will display on the upper left wash select screen.

**Select Item Prompt:** This is the message displayed in the banner at the top of the wash screen. To customize this message turn OFF "Use Default" and you can type in your own message.

**Default Item Type:** is for the type of service that you are providing to the customer. This message is for your records only.

The screenshot shows a 'Select Wash' interface. At the top, there is a header bar with 'Hamilton Customer Service' on the left, 'Select Wash' in the center, and 'Credit: \$0.00' on the right. Below the header, there are two rows of buttons representing different wash services. The first row contains 'Gold Wash' (\$15.00), '\$10.00', and 'Deluxe Wash'. The second row contains 'Silver Wash' (\$11.00), '\$9.00', and 'Basic Wash'. At the bottom of the interface, there is a dark grey bar with a red button labeled 'Español'.

Wash Type	Price
Gold Wash	\$15.00
Deluxe Wash	\$10.00
Silver Wash	\$11.00
Basic Wash	\$9.00

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Barcode

- Select

Configuration

- Select

Application

- Select

Next

- Select

Next

- Select

Barcode

The screen should look like this:

/ Configuration / Application / Barcode

Enable Vend Barcode	<input type="checkbox"/> Off
Tunnel Pass Barcode	<input type="checkbox"/> Off
Vend Barcode Std.	<input type="text" value="Code128"/>
Vend BC Term ID Chars	<input type="text" value="1"/>
Vend BC Other Field	<input type="text" value="TransactionID"/>
Vend BC Other Chars	<input type="text" value="3"/>
Small Bar Width	<input type="text" value="2"/>
Bar Width Mult.	<input type="text" value="2"/>
Barcode Height	<input type="text" value="105"/>
Barcode Subtitle Size	<input type="text" value="none"/>

The barcode menu is used to interface with certain manufacturers of equipment. Specifically, it is used in situations where the HTK is expected to print off a barcode on the receipt that is to be scanned or entered into a different manufacturer's equipment to provide a certain service.

\*NOTE: This menu does not need to be changed or modified if you want to use barcodes that can be scanned directly at the HTK. To add barcodes for discounts directly at the HTK, please see Application> Discounts> Code Coupons> Redeem and Receipts and reference the table of contents for code coupons to get more information.

\*\*NOTE: These settings will generally only be changed or modified by the manufacturer of the equipment that the HTK will interface with. If you have any questions on setup, you should contact the carwash or parking manufacturer.

**Enable Vend Barcode:** This option enables the receipt printer to print the barcode.

**Tunnel Pass Barcode:** when the HTK is operating in Tunnel Pass Mode where it is selling a code rather than vending a wash. This option enables that code to also print as a barcode.

**Vend Barcode Std:** Selects which standard format is used to create the barcode.

**Vend BC Term ID Chars:** Determines how many digits of the HTK Terminal ID will be used in the vend barcode. (Cannot be more than 4)

**Vend BC Other Field:** Makes the subtitle and barcode either a randomly generated number or match the Transaction ID.

**Vend BC Other Chars:** Changes how many digits of the numbered code/transaction ID are used in the barcode and subtitle. (Cannot be less than 2)

Small Bar Width/Bar Width Mult. /Barcode Height: Changes the size of the printed barcode.

**Barcode Subtitle Size:** Alters the size of the subtitle below the barcode. If you do not wish to have any numbers shown below the barcode, select "none".

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

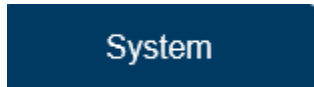
# HTK – Kiosk Config

/ Configuration / System / HTK

- Select



- Select



- Select



The screen should look like this:

/ Configuration / System / HTK

Site ID	<input type="text" value="Lab"/>
Terminal ID	<input type="text" value="1111"/>
Terminal Name	<input type="text" value="HTK 1111"/>
Serial Number	<input type="text" value="0"/>
In Service	<input type="text" value="Passive"/>
Out of Service Delay	<input type="text" value="0"/> Seconds

**Site ID:** An ID given to the entire site. Example: Wash name or Wash location.

**Terminal ID:** a numeric ID given to the specific HTK, example: 1111

**Terminal Name:** a name given specific to the HTK, example HTK lane 1. This will help to determine which lane you are remote accessing. In the example above the terminal name is Customer SERVICE.

**Serial Number:** this is the serial number of the HTK. Once a number other than zero (0) has been entered, this field cannot be edited. This must be filled in when communicating to Payment Express.

**In Service:** When using a separate wash in service signal the drop down selects the state of this signal when the system is in normal operation. The opposite state of this signal will put the system out of service. If not using this signal leave it set to Passive.

**Out of Service Delay:** Here you can determine in seconds, how long before the HTK goes out of service when we get an inhibit signal from the car wash on the wash in service input.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# DAN/AUX

/ Configuration / System / Network / DAN/Aux

- Select

Configuration

- Select

System

- Select

Network

- Select

DAN/Aux

The screen should look like this:

Configuration / System / Network / DAN/Aux

Settings Listeners Cash Management

HTK Listen Port

Listen SSL

Retry Interval

Save

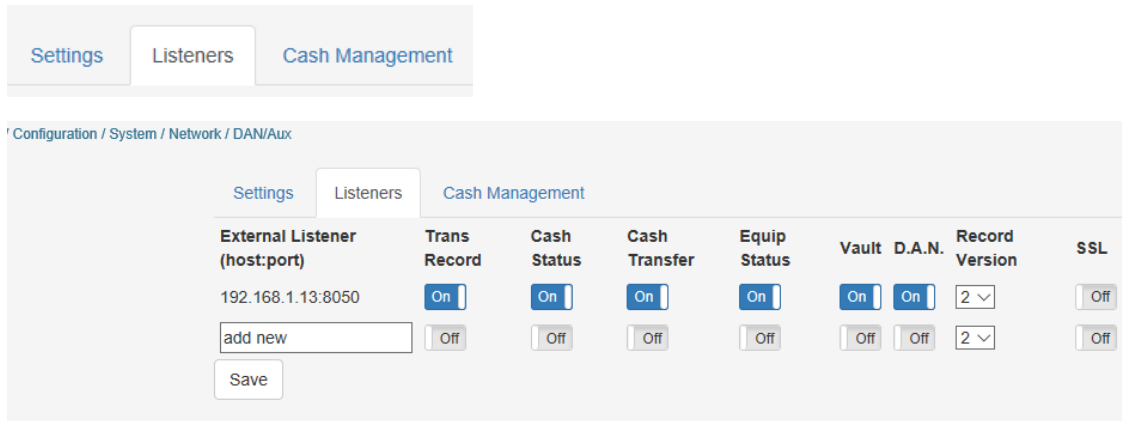
**HTK Listen Port:** The port the HTK is listening for connection on. This should be set to 8050 unless instructed by Hamilton to change.

**Listen SSL:** should be off unless instructed by Hamilton

**Retry Interval:** The time, in minutes, the HTK waits before trying to send a record again. Common setting is 10 minutes.

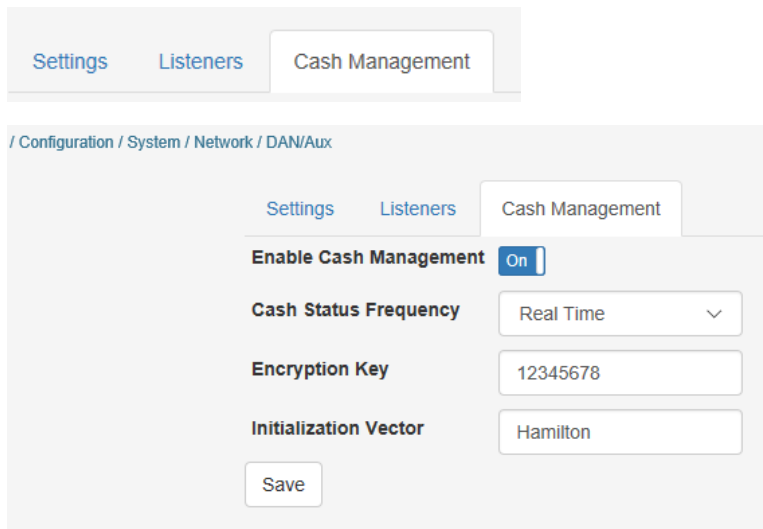
Click save

Click on the Listeners tab



**External Listener:** Is the network address of the remote system receiving the transaction record. To add a Remote system to the external Listener category, simply click in the box (add new) and enter the IP address and listening port number of the Remote system. Example (192.168.1.10:8050) once you have done this click save. Select each record category you wish to send to the Remote system. Record version for the Hamilton Data Access Network (DAN) should be set to 2.

Click on the cash management tab



**Enable Cash Management:** is the ability to add the starting amount of cash in the HTK. As the HTK accepts money and dispenses money it will add and subtract from the proper categories. Such as the Bill Validator, Bill cassettes, hoppers and coin mechanism.

**Cash Status Frequency:** Offers 3 options.

*Per Transaction*, if chosen, will send each transaction to the external listener each time a transaction is completed.

*Real Time*, if chosen, will send the data if the transaction is completed or not.

*Off*, will not send any transaction data to the External Listener

**Encryption Key:** Is provided by the Remote system manufacture if applicable.

**Initialization Vector:** Is provided by the Remote System manufacture if applicable.

Once you have completed these settings, click save, then activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

**\*NOTE: for Sonny's / Autopilot set up, please contact Hamilton customer service**

## SMTP

/ Configuration / System / Network / SMTP

- Select

Configuration

- Select

System

- Select

Network

- Select

SMTP

The screen should look like this:

/ Configuration / System / Network / SMTP

SMTP Server	<input type="text"/>
Port	<input type="text" value="587"/>
Use Authentication	<input type="checkbox"/> Off
Username	<input type="text"/>
Password	<input type="password"/>
Email From	<input type="text"/>
Test Recipient	<input type="text"/>

SMTP stands for Simple Mail Transfer Protocol. This is an internet standard for electronic mail (e-mail) transmission. These settings should be provided by your ISP (Internet service provider).

**SMTP server:** Is the server that you are going to connect to for sending out email. For example, we will use a Gmail SMTP, it would look like this: smtp.gmail.com

**Port:** Is determined by the email provider. Gmail uses ports 587 or 25.

**Use Authentication:** Will be check marked for most setups. SMTP servers typically require authentication of clients by credentials before allowing access.

**Username:** Will be the email address you use to send out email. Example: example@gmail.com

**Password:** Is the password that was setup with the email you created.

**Email from:** Is the email address that will show up on the email being sent from the HTK. Typically this is the same as Username.

**Test Recipient:** allows you to test the settings you put in by sending out a test email. Enter in the email you would like to send a test email to, then hit the test button. This will tell you if the HTK can send email.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# FTP Updates

/ Configuration / System / Network / FTP Updates

- Select

Configuration

- Select

System

- Select

Network

- Select

FTP Updates

The screen should look like this:

/ Configuration / System / Network / FTP Updates

FTP Updates Site	<input type="text" value="www.hamiltonservices.com"/>
Port	<input type="text" value="10021"/>
User ID	<input type="text" value="KioskUpdates"/>
Password	<input type="password"/>

**\*Note: THIS SHOULD NOT BE CHANGED, UNLESS INSTRUCTED BY HAMILTON MANUFACTURING**

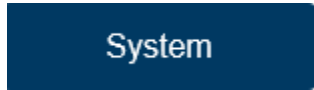
# Card Settings

/ Configuration / System / Cards / CardSettings

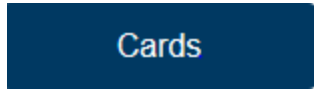
- Select



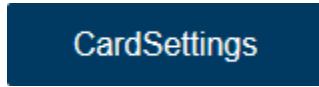
- Select



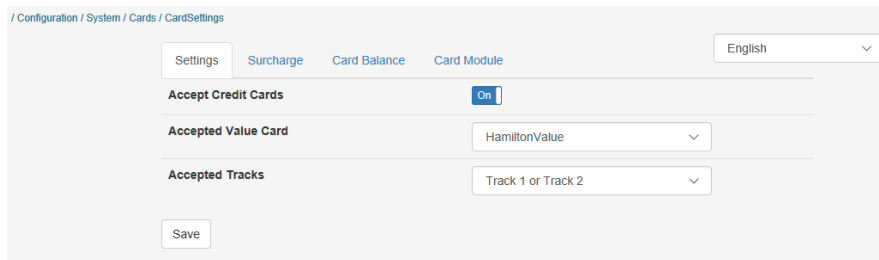
- Select



- Select



The screen should look like this:



**Accepted Card Types:** The credit card button must be turned ON in order to accept credit cards. If it is OFF, it will immediately decline credit card transactions.

**Accepted Value Card:** Using the pull down, select which value cards you will be accepting, if any. Currently the HTK can accept Hamilton P2P cards, Wash Card, World Gift cards or Auto Pilot cards.

**Accepted Tracks:** Using the pull down, select which tracks are needed on the card. United States will use track 1 and track 2. Canada will use only track 2. Australia will use both track 1 and track 2.

Click on the "Surcharge" tab

/ Configuration / System / Cards / CardSettings

Settings Surcharge Card Balance Card Module English

Enable  Off

Rate(%)

SKU

Save

**Credit Card Surcharge:** Surcharge is an extra fee charged by card acceptant when paying with credit card, charge card or debit card (but not cash) to cover the cost of merchant service charge.

*Enable* – turning ON, enables the Surcharge

*Rate (%)* - type in the percentage you wish to charge for the Surcharge

*SKU* this is currently only used with an Auto Pilot POS.

Click on the “Card Balance” tab

/ Configuration / System / Cards / CardSettings

Settings Surcharge Card Balance Card Module English

Gift Card Balance Prefix

Gift Card Balance Postfix

Item Based Balance Prefix

Item Based Balance Postfix

Save

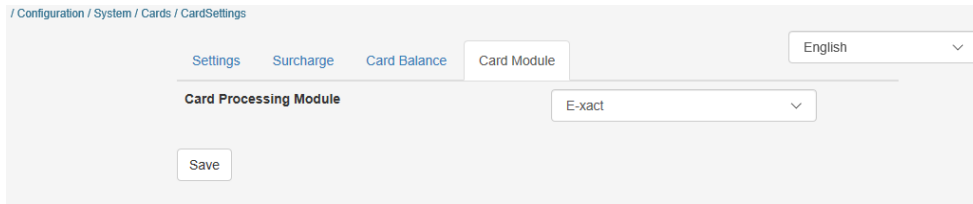
**Gift Card Balance Prefix:** When using a value card, whatever is typed in this box will appear on the screen before the value card balance.

**Gift Card Balance Postfix:** When using a value card, whatever is typed in this box will appear on the screen after the value card balance.

**Item Based Balance Prefix:** When using an item based card such as the Auto Pilot Wash Book, whatever is typed in this box will appear on the screen before the card balance.

**Item Based balance Postfix:** When using an item based card such as the Auto Pilot Wash Book, whatever is typed in this box will appear on the screen after the card balance.

Click on the “Card Module” Tab



Using the pull down, select the payment processing module that pertains to your application



**E-xact:** this is the default PCI certified version.

**Payment Express:** is for EMV card processing using SCR200E reader.

**Moneris:** is for the Verifone EMV reader in Canada.

**eMatters:** is for legacy card processing in Australia.

**Eway:** is for legacy card processing in Australia.

**\*NOTE:** when selecting Payment Express, see the Hardware/Card Reader section to obtain the card reader serial number.

# Payment Express

All Chip & PIN (EMV) hardware is through Payment Express. Please download the setup manual from our website for additional information: <http://hamiltonmfg.com/downloads/creditcards/5175.pdf>

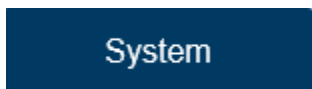
## E-Xact

/ Configuration / System / Cards / E-xact

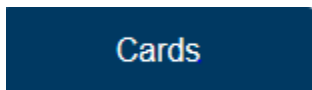
- Select



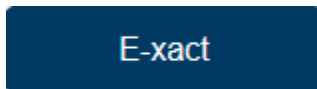
- Select



- Select



- Select



The screen should look like this:

A light gray form with two input fields. The first field is labeled "User ID" and the second is labeled "Password". Below the fields is a "Save" button.

User ID	<input type="text"/>
Password	<input type="text"/>
<input type="button" value="Save"/>	

This is where the Payment gateway information will be entered. A payment gateway is a secure connection from the bank to your storefront, allowing your customers to make credit card purchases that directly deposit into your bank account. Hamilton Manufacturing uses E-Xact Transactions Ltd as the payment Gateway for the United States and Canada. An account with E-Xact Transactions Ltd must be set up in order to do high speed credit card processing.

E-Xact Transactions Ltd  
(604) 691-1670 toll free 1-877-303-9228

www.e-xact.com

*\*The information on this page is provided directly from E-xact Transactions LTD. Once you have an account set up with them, they will provide you with the information needed on this page.*

**User ID:** Also sometimes known as the “gateway ID”. When entering this information, make sure to enter it exactly as it was provided (capital letters, dashes, etc.).

**Password:** The password is generally randomly assorted letters and numbers. When entering the password, just like the User ID, it is important to pay attention to capital and lower case characters.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

You should now be taking credit cards!

# P2P (Points to Partners)

/ Configuration / System / Cards / P2P

- Select

Configuration

- Select

System

- Select

Cards

- Select

P2P

The screen should look like this:

Terminal ID	<input type="text" value="123456"/>
P2P IP Address	<input type="text" value="66.83.33.179"/>
Gift Port	<input type="text" value="1087"/>
Credit Port	<input type="text" value="1079"/>
Gift Routing ID	<input type="text" value="780"/>
Credit Routing Id	<input type="text" value="880"/>
<input type="button" value="Save"/>	

**Terminal ID:** This will be provided to you by P2P (Points to Partners Inc.). You must first set up an account with P2P. Phone: 888.488.7642 [www.pointstopartners.com](http://www.pointstopartners.com)

Document #101-0243 90 4/2016

**P2P IP Address:** This is auto filled by the factory and should not be changed, unless instructed by a Hamilton customer service representative

**Gift Port:** This is auto filled by the factory and should not be changed, unless instructed by a Hamilton customer service representative.

**Credit Port:** This is auto filled by the factory and should not be changed, unless instructed by a Hamilton customer service representative.

**Gift Routing ID:** This is auto filled by the factory and should not be changed, unless instructed by a Hamilton customer service representative.

**Credit Routing ID:** This is auto filled by the factory and should not be changed, unless instructed by a Hamilton customer service representative.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

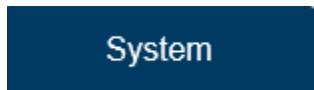
# Wash Card

/ Configuration / System / Cards / Wash Card

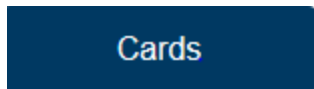
- Select



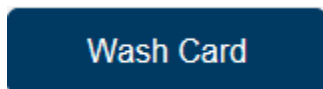
- Select



- Select



- Select



The screen should look like this:

Wash Card Account	<input type="text"/>
Wash Card IP Address	<input type="text"/>
Wash Card Port	<input type="text" value="0"/>
<input type="button" value="Save"/>	

**Wash Card Account:** This is where you will put your Wash Card Account number.

**Wash Card IP Address:** This is the web address you will enter from Wash Card.

**Wash Card Port:** This is the port you will put in from Wash Card.

**\*NOTE: All information for this section should be provided by Wash Card Systems.**

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# World Gift

/ Configuration / System / Cards / World Gift

- Select

Configuration

- Select

System

- Select

Cards

- Select

Next

- Select

World Gift

The screen should look like this:

Url	<input type="text"/>
MerchantNumber	<input type="text"/>
ClerkNumber	<input type="text"/>
Userid	<input type="text"/>
Password	<input type="text"/>
<input type="button" value="Save"/>	

**URL:** The service URL for World Gift is *http://wgghost.com/W3/Service.asmx*.

**Merchant Number:** This number is referencing the customer's account and will be provided by World Gift.

**Clerk Number:** This number references the HTK number. For example HTK “1” will be Clerk Number “1”, HTK “2” will be Clerk Number “2”, and so on.

**User ID:** This information will be provided by World Gift.

**Password:** This information will be provided by World Gift.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

## Auto Pilot Cards

/ Configuration / System / Cards / AutoPilot Card

- Select

Configuration

- Select

System

- Select

Cards

- Select

Next

- Select

AutoPilot Card

The screen should look like this:

The image shows a configuration interface for Profit Pilot. It features several input fields and a dropdown menu. The fields are: Host Address (empty), Host Port (8052), Encryption Key (empty), Encryption Salt (empty), Invalid Choice Text (empty), and Invalid Choice Action (AutoSelect). There is also an Audio section with a Play button and a dropdown menu set to None, and a Save button at the bottom.

**Host Address:** This is the IP address of the Profit Pilot. Typically, it is 10.10.10.31.

**Host Port:** This will always be 8052.

**Encryption Key:** Is going to be 12345678.

**Encryption Salt:** Is Hamilton.

**Invalid Choice Text:** Is not used at this time.

**Invalid Choice Text Audio:** Is not used at this time.

**Invalid Choice Action:** Is not used at this time.

# UI Settings

/ Configuration / System / UI Settings

- Select

Configuration

- Select

System

- Select

UI Settings

The screen should look like this:

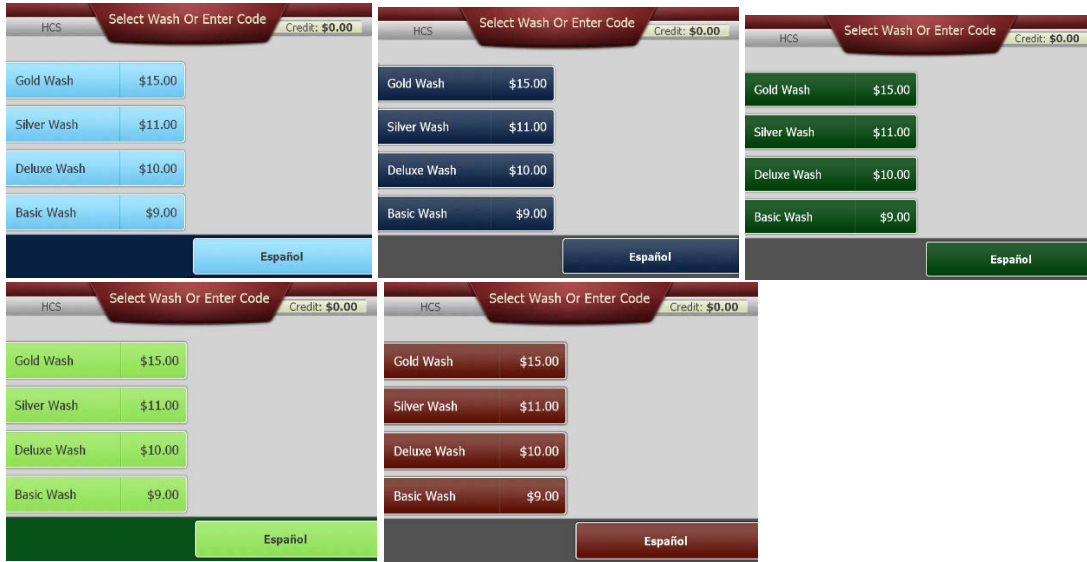
UI Settings	Screen Saver	Misc
Backlight Brightness	<input type="text" value="100"/>	Percent
Logo	<input type="text" value="None"/> <input type="button" value="Browse..."/>	
URL	<input type="text"/>	
Theme	<input type="text" value="Suncor Energy GlideWash"/>	
Volume	<input type="text" value="30 %"/>	
Inactivity Timeout	<input type="text" value="120"/>	Seconds

**Backlight Brightness:** This is the percentage of brightness used to light the display. The higher the percentage the brighter the display will be. 100% is the brightest.

**Logo:** Allows for adding a logo image to certain custom themes.

**URL:** The url of an image to use for the logo.

**Theme:** This allows you to choose the color displayed for the customer interface. There are five display colors to choose from, Blue, Dark Blue, Dark Green, Green and Red. Use the pull down arrow to choose the color, then select save and activate changes.



HTK touch screens offer additional options. These include Laguna Green, Ocean Blue, Lava Red, Bubbles 4, Bubbles 8, Hexagon 4, Hexagon 8, Hexagon 7, Block 4 and special edition seasonal releases. You can also choose the color of the button.



**NOTE:** Graphic buttons are only available with a touch screen display. Custom graphics are also available. Contact Hamilton Sales Department.

**Volume:** This is the percentage of sound played when the voice prompts are activated, the higher the percentage the louder the voice. Using the pull down, select your volume setting

**Inactivity timeout:** This is the amount of time that the system must be inactive once a transaction has been started before the transaction is reset and starts over.

Click the screen saver tab Screen Saver

UI Settings	Screen Saver	Misc
<b>Screensaver Brightness</b>	<input type="text" value="50"/>	Percent
<b>Screensaver Timeout</b>	<input type="text" value="5"/>	Minutes
<b>Screen Saver Video</b>	<input type="text" value="None"/> <input type="button" value="Browse..."/>	

**Screensaver Brightness:** This is the percentage of how bright or how dim the screensaver appears. The higher the percentage, the brighter the screen saver will be.

**Screensaver Timeout:** This is the amount of time, in minutes, the HTK must be idle before the screen saver will activate.

**Screen Saver Video:** You have the ability to add a video to play when the screen saver initiates.

Click the Misc tab Misc

UI Settings	Screen Saver	Misc
<b>Use 2 Factor in Subnet</b>		<input type="checkbox"/> Off
<b>No Prox. w/Screen Saver</b>		<input type="checkbox"/> Off
<b>Hide Indicators</b>		<input type="checkbox"/> Off

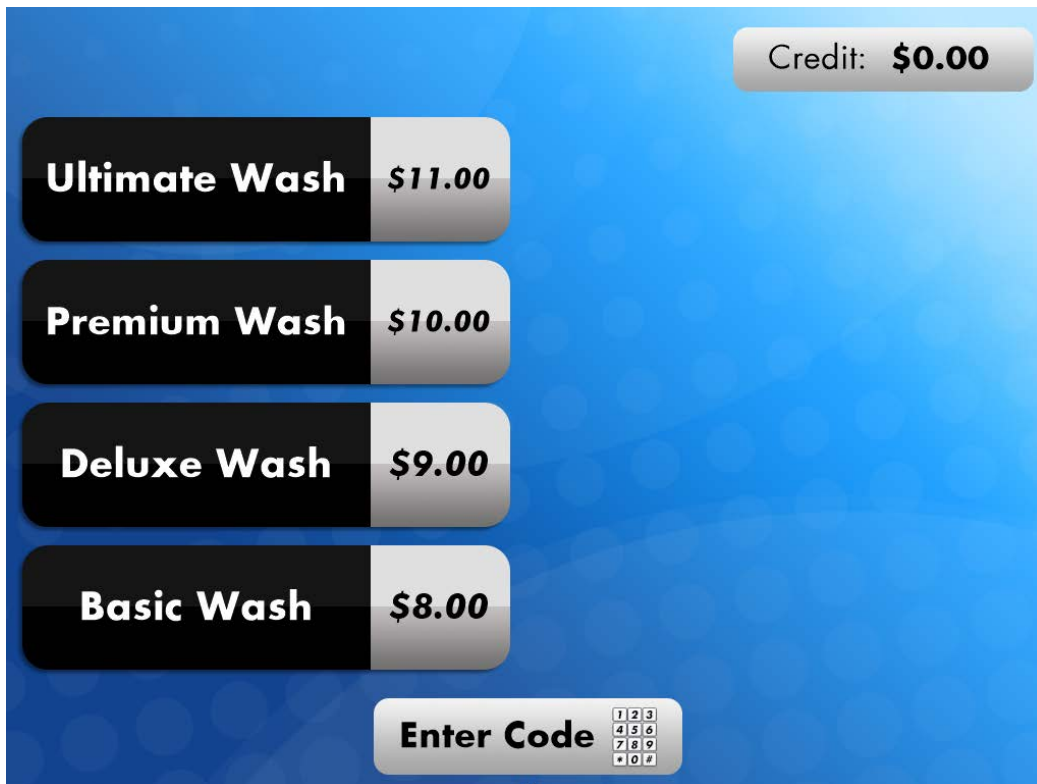
**Use 2 Factor in Subnet:** By turning this “ON”, it will now require the 2 factor authentication to remote into the HTK from within its own network. This means that once you log into the HTK, it will email you a

verification code to enter in order to access the HTK. Leaving this "OFF" will allow you to remote directly into the HTK within its own network. If changes are made, click save and activate changes

**Note: The 2 factor authentication will still be required outside the local network.**

**No Prox. w/Screen Saver:** If turned "ON", all the buttons on the HTK will flash while the screensaver video plays and the customer must hit a button to change the HTK to the wash menu screen. If you leave this "OFF" once the proximity sensor is covered, the HTK will automatically change back to the wash menu screen.

**Hide indicators:** There are two black dots in the bottom middle of the display pay screen. These indicators are so you can see the cycle signal change of state without having to open the HTK. If the black dot on the right side turns white that means the HTK is receiving the cycle signal from the equipment it is wired to. If you turn "ON" hide indicators, means the two dots will not be visible on the screen.



Click save click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Alerts

/ Configuration / System / Users

- Select

Configuration

- Select

System

- Select

Next

- Select

Alerts

The screen should look like this:

Userid

Alert	Send Email	Send SMS	Send on Clear
No Error	<input type="checkbox"/> Off	<input type="checkbox"/> Off	<input type="checkbox"/> Off
Hopper 1 Empty	<input type="checkbox"/> Off	<input type="checkbox"/> Off	<input type="checkbox"/> Off
Hopper 2 Empty	<input type="checkbox"/> Off	<input type="checkbox"/> Off	<input type="checkbox"/> Off
Hopper 3 Empty	<input type="checkbox"/> Off	<input type="checkbox"/> Off	<input type="checkbox"/> Off
Hopper 1 Time Out	<input type="checkbox"/> Off	<input type="checkbox"/> Off	<input type="checkbox"/> Off
Hopper 2 Time Out	<input type="checkbox"/> Off	<input type="checkbox"/> Off	<input type="checkbox"/> Off
Hopper 3 Time Out	<input type="checkbox"/> Off	<input type="checkbox"/> Off	<input type="checkbox"/> Off
Hopper 1 Drop Stuck	<input type="checkbox"/> Off	<input type="checkbox"/> Off	<input type="checkbox"/> Off
Hopper 2 Drop Stuck	<input type="checkbox"/> Off	<input type="checkbox"/> Off	<input type="checkbox"/> Off
Hopper 3 Drop Stuck	<input type="checkbox"/> Off	<input type="checkbox"/> Off	<input type="checkbox"/> Off
Hopper 1 Unexpected Drop	<input type="checkbox"/> Off	<input type="checkbox"/> Off	<input type="checkbox"/> Off

**NOTE: Picture only displays a portion of the alerts. Use the scroll bar to see all of them.**

At the top of the screen you can change the user that you are modifying the alerts for. Hit the pull down arrow and select the user you are changing.

There are 3 selection buttons for each error.

**Send email:** If this is turned ON, the machine will send an email if that particular error comes up.

**Send SMS:** SMS stands for Short Message Service, or text message. If this is turned ON and the error occurs, the machine will send a text message.

**Send on Clear:** The machine can send a message if one of these errors is cleared.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

## Security

[/ Configuration / System / Security](#)

- Select

Configuration

- Select

System

- Select

Next

- Select

Security

The screen should look like this:

The screenshot shows a configuration interface with four rows of settings. The first row is 'Enable Siren' with a blue 'On' toggle. The second row is 'Siren Duration' with a text input field containing the number '5'. The third row is 'Enable Alarm Relay' with a blue 'On' toggle. The fourth row is 'Shock Sensor Normal State' with a dropdown menu showing 'Open'. Below these settings is a 'Save' button.

This screen allows you to turn on/off the audible siren within the HTK as well as alter options involving the shock sensor. The audible alarm is located on the inside of the lower vault door. The alarm is disabled by default, but when activated it will sound if someone opens the door without properly logging in first, or if the shock sensor is triggered.

**Enable Siren:** by turning this feature ON will enable the audible alarm.

**Siren Duration:** If the alarm is tripped, it will continue to sound for whatever number of minutes that are entered in this area.

**Enable Alarm Relay:** turning this feature ON/OFF will enable/disable the alarm relay. If there is an external security system at the location that is connected to the HTK, this option chooses whether or not it will send a message to the system if the alarm is tripped.

**Shock Sensor Normal State:** By default, the shock sensor that is installed by Hamilton is in an *Open* state. This can be changed if later a different shock sensor is installed that may require a *Closed* state, instead.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

## Tax

- Select

Configuration

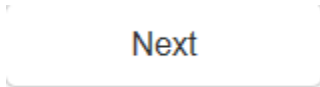
- Select

System

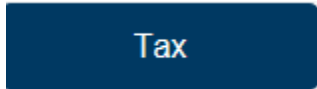
- Select

Next

- Select



- Select



The screen should look like this:

 A screenshot of a web interface for tax settings. At the top right, there is a dropdown menu set to "English". Below it are two toggle switches: "Enable" (set to "Off") and "CashOnlyExemption" (set to "Off"). A table with four columns: "Sequence", "Label", "Rate %", and "Compound" is shown below. At the bottom left are two buttons: "Add New" and "Save".

Click "Add New"

 A screenshot of the same web interface after clicking "Add New". The table now has one row with the following values: "1" in the "Sequence" column, an empty text box in the "Label" column, "0" in the "Rate %" column, and "Off" in the "Compound" column. A "Delete" button is now visible to the right of the "Off" toggle. The "Add New" and "Save" buttons remain at the bottom left.

**Enable:** turn this ON to enable taxes.

**Cash Only Exemption:** turn this ON if you are not charging tax on a cash transaction.

**Sequence:** This will be used if you are doing multiple taxes. The sequence number will be the order in which it shows on the receipt, the lowest number will display that tax first. Example: City tax and State tax.

**Tax Rate:** This is the percentage rate being charged per transaction, 100% being the maximum.

**Compound:** If turned ON causes this tax to be calculated on the sale amount including the previous tax.

Once you have completed these settings, click, then click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Gate

/ Configuration / System / Gate

- Select

Configuration

- Select

System

- Select

Next

- Select

Next

- Select

Gate

The screen should look like this:

The screenshot shows a web interface for configuring a gate. At the top, there are two tabs: "Gate Settings" (active) and "Gate Status". Below the tabs, there are several rows of settings, each with a label and a control element:

Enabled	<input checked="" type="checkbox"/>
Port	<input type="text" value="8044"/>
Release Timeout	<input type="text" value="3"/>
Cycle Timeout	<input type="text" value="240"/>
Safety Alarm	<input type="text" value="600"/>
Require Merge Loop	<input type="checkbox"/>
Raise Gate on Master Inhibit	<input checked="" type="checkbox"/>

At the bottom left of the form is a "Save" button.

**NOTE:** This section is currently only used with the Hamilton Gate Sequence Software.

**\*\*NOTE:** This software is an additional fee.

**Enabled:** Is turned ON if you are going to use the Hamilton Gate Sequence Software. This software is for controlling the sequence of a gated application. It controls and keeps track of the transaction order. This allows the first transaction to complete and the car to pass the gated area while holding the second transaction back until the first is complete.

**Port:** 8033 is the port used for the Hamilton Gate Sequence Software.

**Release Timeout:** Is an allowed amount of time the HTK will wait before releasing the additional lanes transactions, giving time to line the cars up in the correct order. If left blank, the transaction will be sent immediately, gate will go up and allow the car to pass. If 5 seconds is entered, the HTK will wait 5 seconds before releasing the transaction from the opposite lane(s).

**\*NOTE:** Not used when “Requires Merge Loop” is selected.

**Cycle Timeout:** This is how long the HTK will wait before it will timeout when it does not get a signal from the gate safety loop. When the car passes over the safety loop, it will send the HTK a 24V signal (cycle signal). Once the HTK receives that 24V signal, the HTK will then send the wash package to the Car Wash. If the HTK does not receive the 24V signal in the amount of time entered, it will then go to “Sorry Equipment is out of service”.

**\*NOTE:** This is a required field.

**Safety Alarm:** Is the amount of time before the HTK will go out of service if a car doesn’t pass over the gate safety loop. If this occurs, the HTK will then go to “Sorry Equipment is out of service”.

**Requires Merge Loop:** When turned ON, the HTK will require a 24V signal from the merge loop indicating the previous car has passed over it before releasing the next transaction from the opposite lane(s).

**Raise Gate on Master Inhibit** is for if you need to engage the Master Inhibit. The HTK will raise the gate.

Click the Gate Status tab 

This screen displays information used for troubleshooting purposes.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Validator

/ Configuration / Hardware / Validator

- Select

Configuration

- Select

Hardware

- Select

Validator

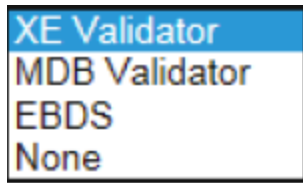
The screen should look like this:

Validator Type	MDB Validator
Currency	Accept
\$1 Bill	<input checked="" type="checkbox"/> On
\$5 Bill	<input checked="" type="checkbox"/> On
\$10 Bill	<input checked="" type="checkbox"/> On
\$20 Bill	<input checked="" type="checkbox"/> On
\$50 Bill	<input type="checkbox"/> Off
\$100 Bill	<input type="checkbox"/> Off
<input type="button" value="Save"/>	

**NOTE: Changing the validator type requires a system reboot before new setting is active**

**Validator Type:** Using the pull down, you'll want to select the validator type you are using. Usually this is done in the factory, so will you only need to change this if you change Validator types or if you have to program the machine from factory defaults.

Your choices are:



**XE validator:** If you are using the Hamilton XE model validator.

**MDB:** If you are using MEI (Mars) or Cashcode Validator's.

**EBDS:** Enhanced Bi-Directional Serial validator. These validators are used in special applications. Check with a Hamilton Customer Service Representative before selecting this option.

Or you can choose none if this is a cashless machine.

Once you have selected the correct validator, you can choose what bills you want to accept. Turn ON the bills you want to accept, and leave OFF for bills you do not want to accept.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

**\*NOTE: Not all bill acceptors will accept \$50's or \$100's.**

# Hoppers

/ Configuration / Hardware / Hoppers

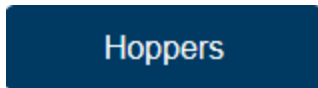
- Select



- Select



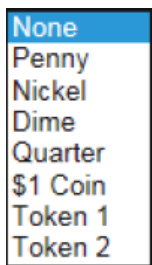
- Select



The screen should look like this:

Contents	
Hopper 1	Quarter <input type="text"/>
Hopper 2	Quarter <input type="text"/>

Using the pull down will show your options like the example below:



Select which coin type you are putting into the hopper.

**\*NOTE: Coin types may differ depending on the Region selected.**

**\*\*NOTE: Hopper and coin types are usually set at the factory.**

There are 2 coin hoppers in the HTK. Typically, the left one is hopper 1 and the right is hopper 2. You can verify how they are setup by checking the dip switches on the hopper. See dip switch configuration below:

switch	1	2	3
Hopper 1	OFF	OFF	OFF
Hopper 2	ON	OFF	OFF

Hopper 2 will have 1 switch on and hopper 1 has all switches off.

The hoppers are labeled with a sticker at the top, letting you know which coin type goes in which hopper. It should show you what coins to put into it. EX: Quarter, Dollar, Token.

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

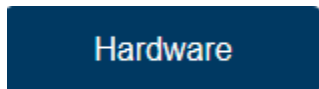
# Receipt Printer

[/ Configuration / Hardware / Receipt Printer](#)

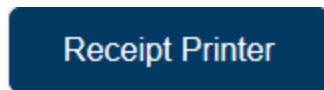
- Select



- Select



- Select



The screen should look like this:

The screenshot shows a configuration interface for the Receipt Printer. At the top, there are three tabs: "Printer", "Header", and "Footer", with "Printer" selected. To the right of the tabs is a language dropdown menu set to "English". Below the tabs, there are five rows of configuration options, each with a label on the left and a control on the right:

Printer Model	X80
Cash Receipts	Ask
Card Receipts	Always
Ask for Receipt Delay	15
Large Headers	Off

At the bottom left of the form is a "Save" button.

From this menu, you have the ability to change receipt headers and footers, as well as alter how your receipt looks.

**Printer Model:** This option allows you to select your particular HTK printer model. "X80" is the current default printer that the HTK uses.

**Cash Receipts:** You can use this dropdown to select whether or not the HTK will give a receipt for cash transactions. There are 3 choices:

*Always* will print a receipt automatically when the transaction completes

*Never* disables the printer for cash transaction.

*Ask* will prompt the customer to push a button if they want a receipt.

**Card Receipts:** You can use this dropdown to select whether or not the HTK will give a receipt for credit card transactions. There are 3 choices:

*Always* will print a receipt automatically when the transaction completes

Never disables the printer for credit card transaction  
Ask will prompt the customer to push a button if they want a receipt

**Ask for receipt delay:** Changing this option will alter how much time the customer has to hit the print receipt button to receive a receipt. If the print button is not pushed, the receipt option will disappear and the HTK will proceed with the transaction.

**Large Headers:** turning this ON will cause your headers to display in a slightly larger, bold font.

Click the Header tab Header

The screenshot shows a configuration interface with three tabs: 'Printer', 'Header', and 'Footer'. The 'Header' tab is selected. At the top right, there is a language dropdown menu set to 'English'. Below the tabs, there are three main sections:

- Header Image:** A dropdown menu currently set to 'None' with a 'Browse...' button below it.
- URL:** A text input field.
- Receipt Headers:** A list of header lines. Each line consists of a text input field and a 'Delete' button to its right. The first line contains 'COMPANY NAME HERE' and the second contains 'ADDRESS HERE'. An 'Add Header' button is located to the right of the list.

At the bottom left of the form is a 'Save' button.

**Header Image:** the header image allows you to make the receipt printer use a simple picture or logo at the top of the receipt. You can only add an image to use for this feature while remotely accessing the HTK.

Using the “Browse” button, you can point to where on your computer the picture is that you would like to upload. Once the image is selected, click “OK” and you should be able to choose it for the header image.

**Receipt Headers:** By default, the HTK starts off with several header lines that are ready to be edited to read whatever you would like.

Clicking “Add Header” next to a line will add a new header line to type a message onto that particular line of the header.

You can leave some lines of the header blank; it will just make the receipt a little longer. Or you can remove the blank line entirely by clicking on the “Delete” button right next to that line.

Click the Footer tab Footer

Printer Header Footer English

Footer Image None

Browse...

URL

Receipt Footer Add Footer

THANK YOU COME AGAIN Delete

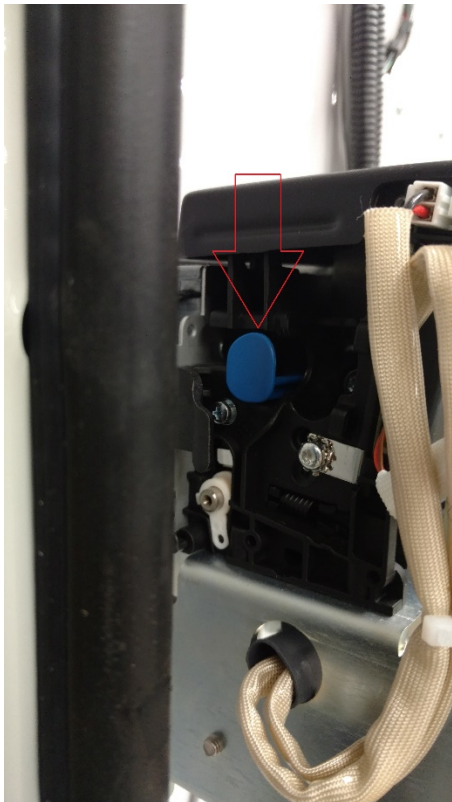
Save

**Receipt Footers:** Also similar to the “Receipt Headers” section, you can use the “Add Footer” and “Delete”, buttons to modify the footer to your liking.

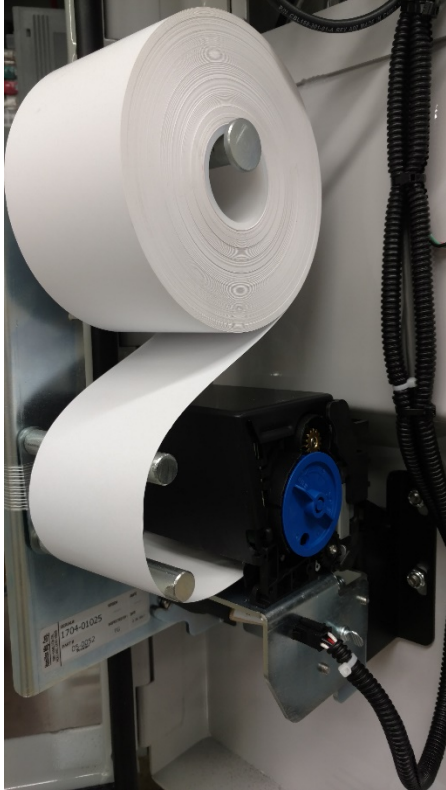
Once you have completed making your changes, Click **Save**

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

### How to load printer paper



1. locate the blue knob on the left side of the printer
2. Push the blue knob all the in
3. Pull the blue knob out slowly until you hear/feel two clicks

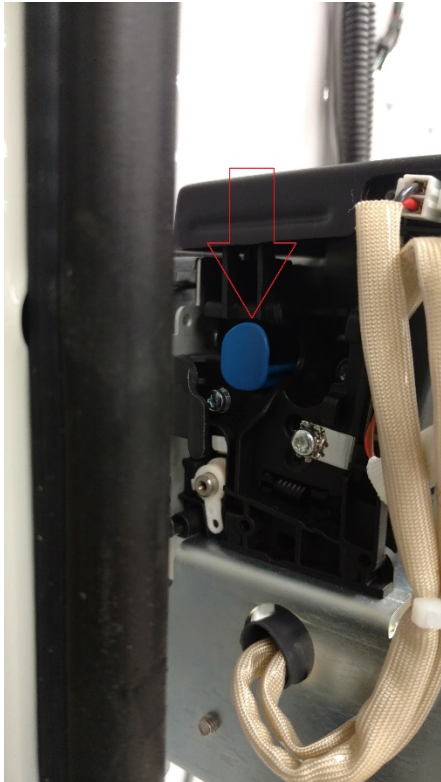


4. place the paper roll on holder rod as shown
5. Route the paper through the paper guide rods as shown



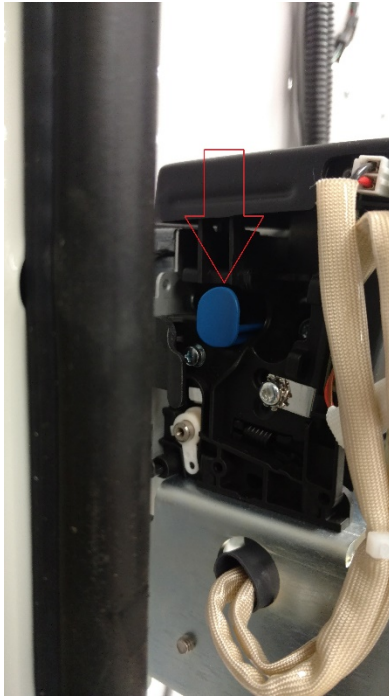
6. insert a clean edge of the paper into chute below the bottom guide rod. The printer will automatically pull the paper in and print out a test page. If printer paper comes out with nothing printed on it, you have the paper roll on upside down.

## How to Remove the paper from the printer

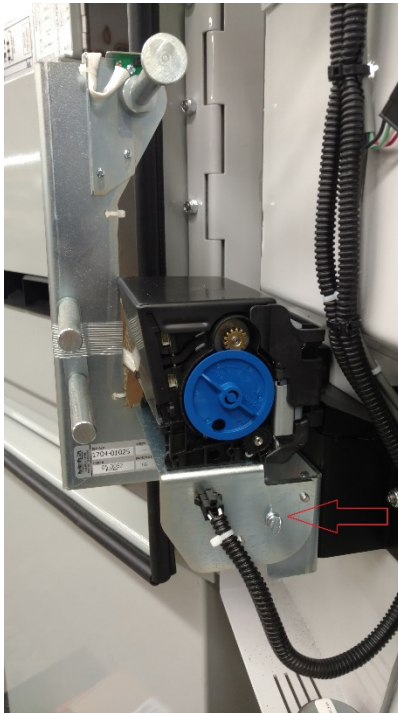


1. locate the blue knob on the left side of the printer.
2. Push the blue knob all the way in.
3. Pull paper out of the printer.

## How to remove a jam from the Printer



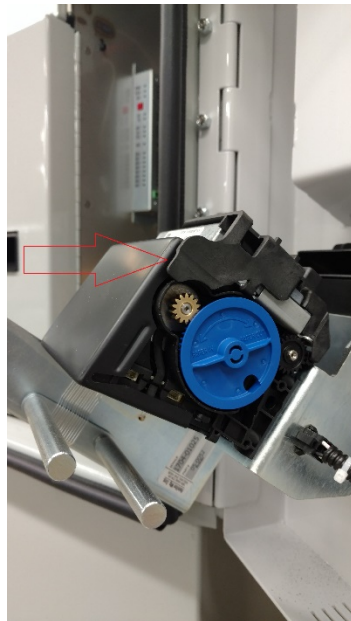
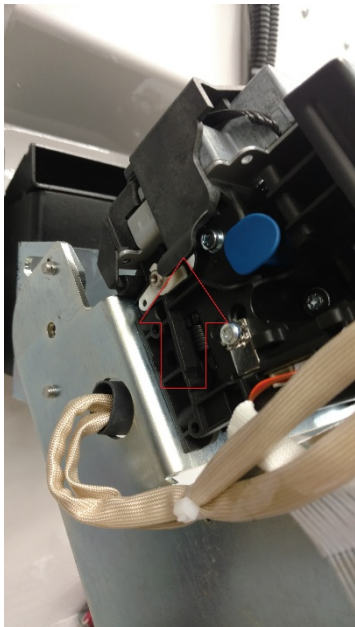
1. locate the blue knob on the left side of the printer
2. Push the blue knob all the way in
3. Pull paper out of the printer



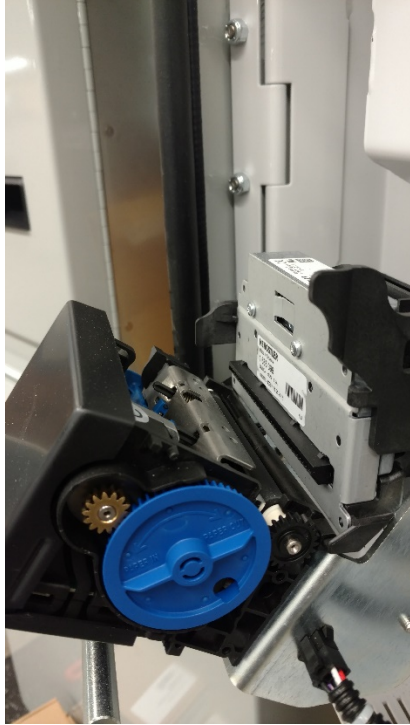
4. locate the thumb screw on the right side of the bracket
5. Remove the thumb screw, pull the top portion of the bracket toward you, allowing the bracket to lay back



6. Locate the two plastic tabs and gently pull outward, allowing the printer head to hinge open.



7. Clean out any and all paper.



8. Turn the blue gear located on the right side of the printer. This will allow the rollers in the printer to rotate to be sure you have removed any and all paper jams.

# Coin Mechanism

- Select

Configuration

- Select

Hardware

- Select

Coin Mechanism

Follow the chart below to program:

## Pay table reference

Coin Type	Line	Pulse	Coin Mech Position
Coin 1	1	1	1
Coin 2	1	2	2
Coin 3	2	1	3
Coin 4	2	2	4
Coin 5	3	1	5
Coin 6	3	2	6

The HTK contains three separate lines for programming. Line (1) refers to positions 1 and 2 on the IDX coin mech, line (2) refers to positions 3 & 4 on the IDX coin mech and line (3) refers to positions 5 & 6 on the IDX coin mech. Each line recognizes (1) pulse or (2) pulses from the IDX.

Coin Type	Line	Pulses
<input type="button" value="Add New"/>	<input type="button" value="Save"/>	

Click "Add New"

Coin Type	Line	Pulses	
Penny	1	1	Delete
<input type="button" value="Add New"/> <input type="button" value="Save"/>			

Using the pull down arrow, select the coin type, then select the line and finally the pulse  
 Click on save. To add another coin, click add New

Here is an example:

Coin Type	Line	Pulses	
Quarter	1	1	Delete
\$1 Coin	1	2	Delete
Token 1	2	1	Delete
Token 2	2	2	Delete
<input type="button" value="Add New"/> <input type="button" value="Save"/>			

Click save, the activate changes

# Programming IDX Coin Mech

## Coin Learn Procedure

- 1) Slide the front cover up and identify the three controls to be used in this procedure:
  - Red or black push button near center bottom. (Used to input the number of credit pulses)
  - 16 position rotary switch to the right of the push-button. (#0 is normal RUN position, #1 - #6 are for learning each of 6 possible coin types that can be accepted)
  - LED indicator half way up on the right side. (Green in RUN mode, red in LEARN mode)
- 2) Turn the rotary switch to one of the LEARN positions #1 - #6 (for example, pick #1 for learning the 1<sup>st</sup> coin type) and observe the LED turns red to indicate it is now ready to learn.
- 3) Push the red or black button once for each credit pulse you wish to have issued for this coin. In our example, a quarter coin would require 1 credit pulses.
- 4) Slide the cover back on the unit to make sure outside light does not interfere with the sensors.
- 5) Show the unit 6 samples of the coin by depositing them into the acceptor as usual. It is best to use 6 different coins since there are typically slight variations from coin to coin.
- 6) After the 6<sup>th</sup> sample coin is deposited, the LED will flash red-green a few times to indicate the LEARN procedure is complete and the coin parameters are stored in memory.
- 7) Slide the front cover open again and turn the rotary switch back to position #0 and observe the LED turning green. Check that you have not accidentally turned it too far to position #15, which is a field test function position in which it will not accept coins.
- 8) Slide the front cover back down and you should now be able to accept the new coin.

## Coin De-Learn Procedure

- 1) Slide the front cover up and turn the rotary switch to the coin # position you wish to De-Learn
- 2) Push the red button once to initiate the LEARN sequence.
- 3) Turn the rotary switch back to position #0 without depositing any coins to signal the unit that you wish it to erase the parameters for this coin. The LED will flash red-green to indicate completion.
- 4) Slide the front cover back down.

## Canadian Coin Programming

**NOTE:** *Due to the fact that there are two types of Loonies and two types of Toonies, this will consume (4) positions on the IDX coin mech, leaving only (2) positions left. In the chart below, the quarter and token was added for reference.*

Reference the “Programming IDX Coin Mech” procedure above. But use the following positions and pulse scheme below.

**Old style Looney:** Position 1 on the IDX, push the button one time for (1) pulse. Run 6 coin samples. Turn the dial back to position “0”.

**New Style Looney:** Position 2 on the IDX, push the button one time for (1) pulse. Run 6 coin samples. Turn the dial back to position “0”.

**Old Style Tooney:** Position 3 on the IDX, push the button one time for (1) pulse. Run 6 coin samples. Turn the dial back to position “0”.

**New style Tooney:** Position 4 on the IDX, push the button one time for (1) pulse. Run 6 coin samples. Turn the dial back to position “0”.

**Quarters:** Position 5 on the IDX, push the button one time for (1) pulse. Run 6 coin samples. Turn the dial back to position “0”.

**Tokens:** Position 6 on the IDX, push the button twice for (2) pulses. Run 6 coin samples. Turn the dial back to position “0”.

## Australia Coin Mech Programming

The factory default programming for the Microcoin QL Coin Acceptor used in the HTK is as follows. Categories 7-12 are programmed at the factory with the appropriate line and pulse scheme so that the HTK software will credit properly. All categories have been programmed as shown in the table below, but only the \$1 coin [CAT 11] and \$2 coin [CAT 12] have been ENABLED.

If any of the coin types in CAT 7-10 are to be accepted, simply change the appropriate category in the Microcoin from DISABLED to ENABLED. (Refer to the Microcoin programming instructions). Categories 1-3 are not programmed as they will be used for the additional coin acceptance that will be programmed in the field. It's highly suggested to not modify the default programming in the HTK software under Coin Mechanism. This way if categories are ENABLED in the Microcoin, the coins will credit properly. (Refer to the default Coin Mechanism programming in the HTK software within this document).

Here is the default programming in the Microcoin acceptor:

Category	Coin Type	Pay Line	Pulses
7	5 Cent	1	2
8	10 Cent	1	3
9	20 Cent	2	2
10	50 Cent	1	0
11	\$1	2	3
12	\$2	3	2

**Note: Category 10 is left DISABLED and not programmed as the 50 cent coin is too large in size for the HTK to accept.**

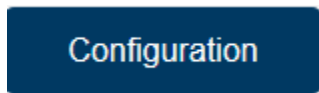
Here are the categories then left open for additional coin acceptance:

Category	Coin Type	Pay Line	Pulses
1	Token 1	1	0
2	Token 2	2	0
3	Other	3	0

We've programmed the first 3 empty categories [1-3] to use pay lines 1, 2, and 3 respectively so that when a coin is programmed in the field into one of these categories, it will retain the pay line and always generate 1-pulse. So by leaving 1-pulse on pay lines 1-3 available for tokens in the HTK software table, these categories 1-3 can be easily field programmed without the use of the programmer.

# Bill Dispenser

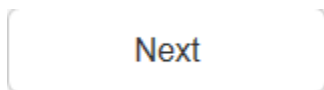
- Select



- Select



- Select



- Select



The screen should look like this:

Contents	
Cassette A	<input type="text" value="\$1 Bill"/>
Cassette B	<input type="text" value="\$5 Bill"/>
<input type="button" value="Save"/>	

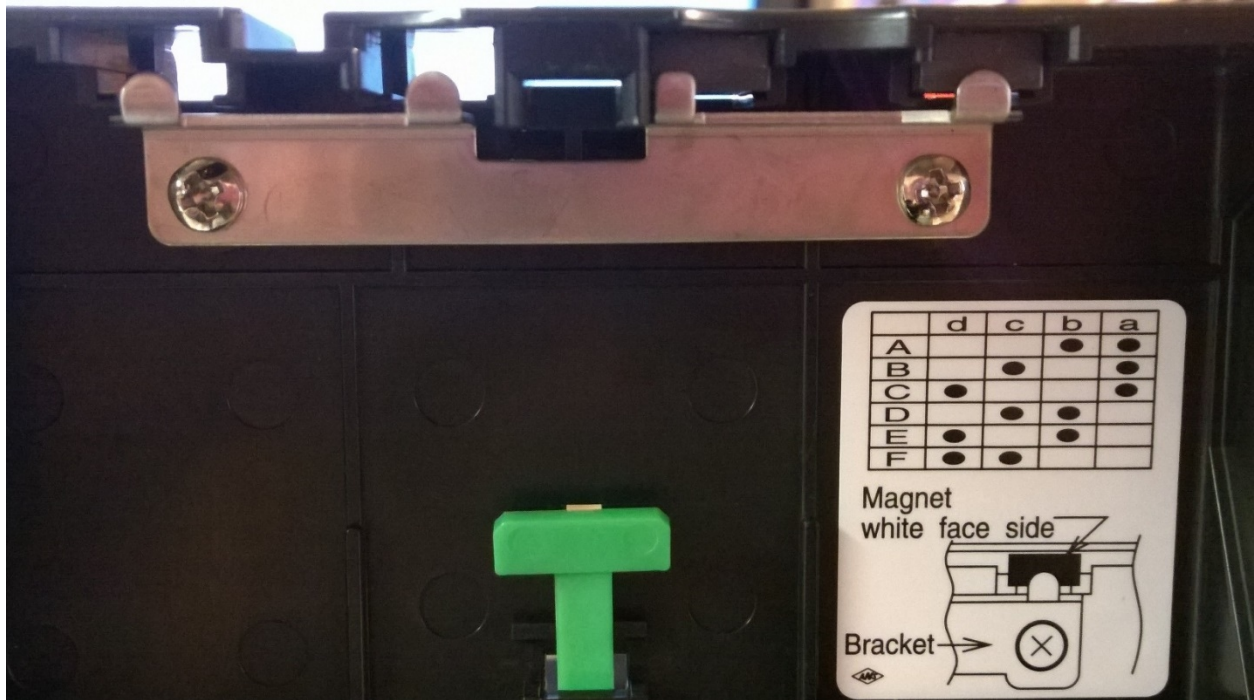
**Cassette A:** Using the pull down, you can choose what will be dispensed from cassette A. choosing none, will disable the cassette. Choices will differ between regions.

**Cassette B:** Using the pull down, you can choose what will be dispensed from cassette B. choosing none, will disable the cassette. Choices will differ between regions.

**\*NOTE: If you wish to dispense a Tokenote, they must first be set up in order to see it as an option here. See the Tokenote section of this manual.**

Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

The bill box cassette itself will determine whether it is cassette "A" or "B" by where the magnets are placed in the cassette. The magnets are located on the inside of the lid of the cassette.



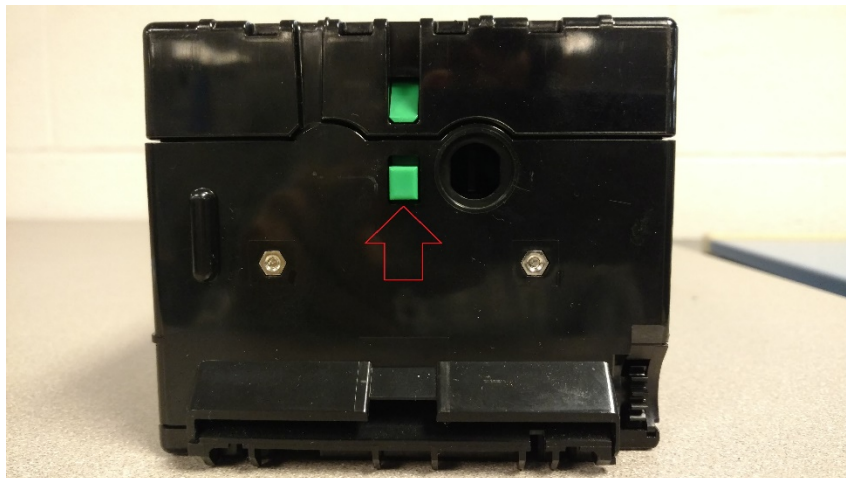
To change the cassettes from “A” to “B”, remove the (2) Phillip screws shown above, following the chart shown on where to place the magnets to make the cassette the appropriate box “A” or “B”.

When the cassette is inserted into the bill dispenser, the dispenser will sense the magnets to determine whether it is cassette “A” or cassette “B”.

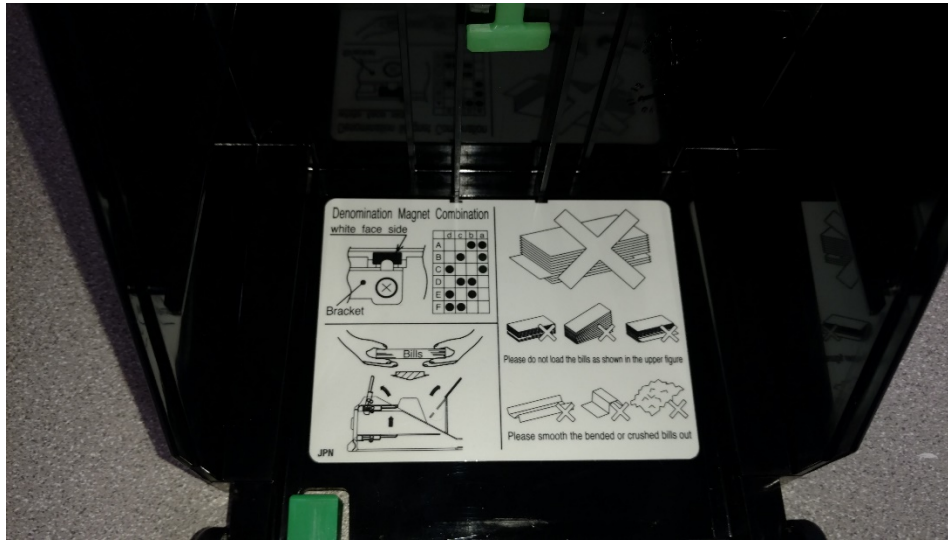
**\*NOTE: All spare bill box cassettes ordered from Hamilton will come set as cassette “A”.**

### How to load the bill cassettes

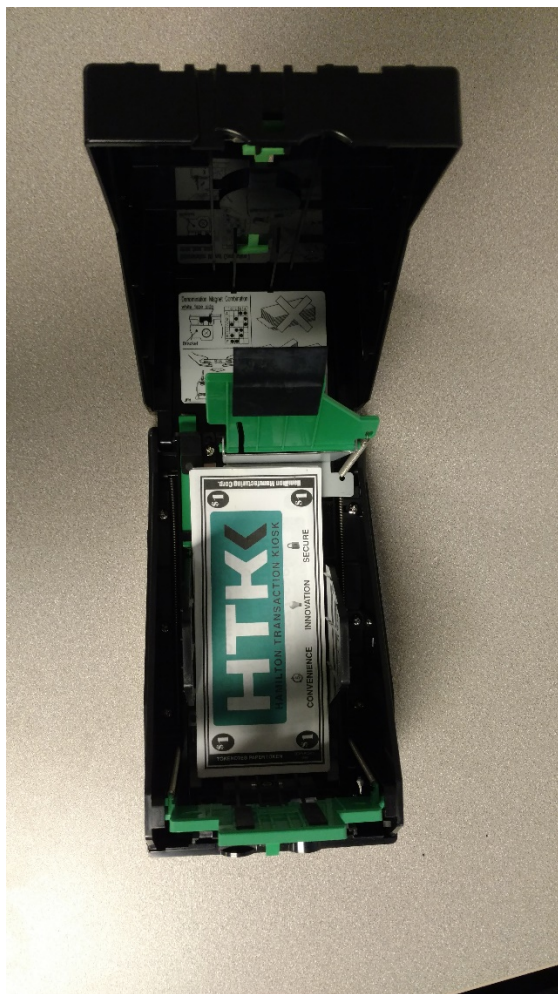
Locate the green button on the front of the cassette, push the button to open



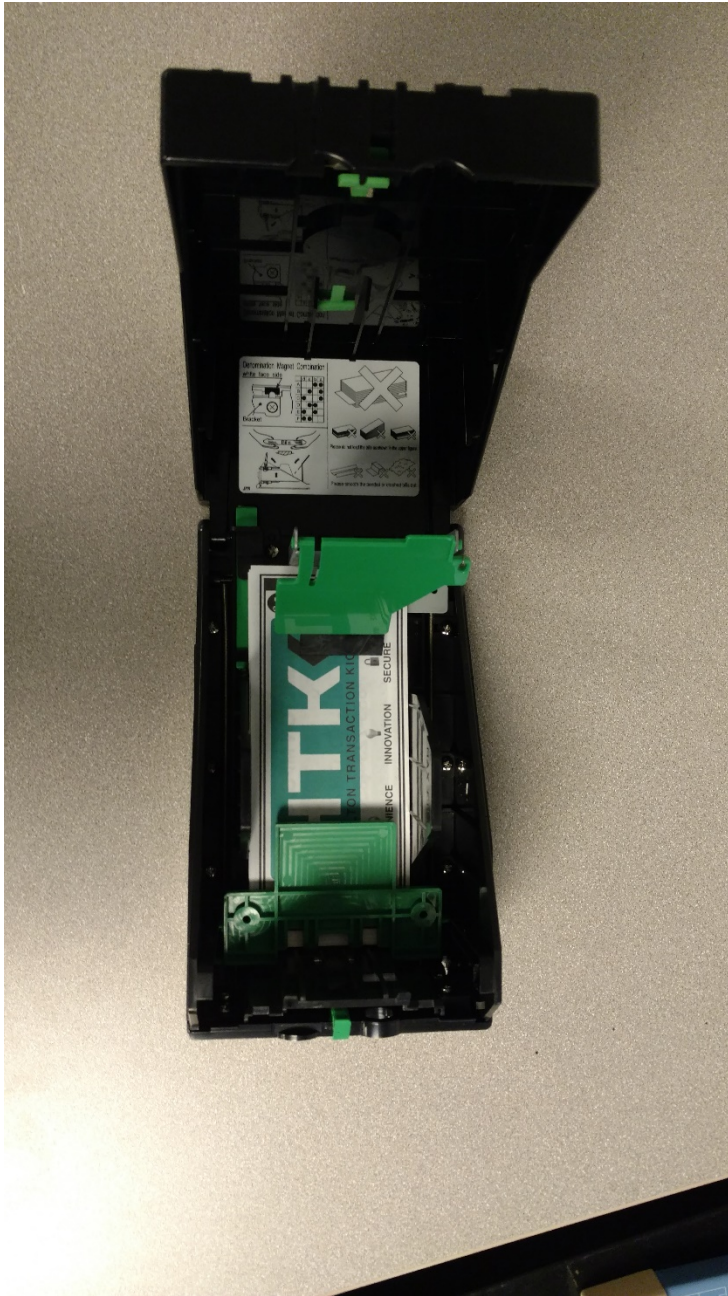
A sticker inside will also show how to load the cassette



Lift the green flipper and pressure plate, as the notes will be placed under them.



Once good quality notes have been inserted, replace the flipper and pressure plate back to their original position. They will lay on top of the notes.



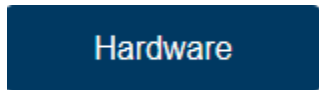
Close the lid and insert the cassette into the bill dispenser.

# POS

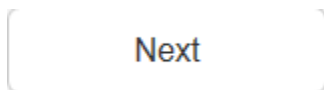
- Select



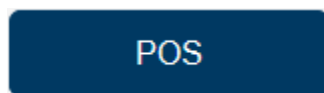
- Select



- Select



- Select



The screen should look like this:

A screenshot of a web form with a light gray background. It contains two rows of input fields. The first row is labeled "POSType" and has a dropdown menu with "None" selected. The second row is labeled "UnitNumber" and has a dropdown menu with "2" selected. Below these fields is a "Save" button.

POSType	None
UnitNumber	2

Save

POS is a point of sale that generates a code on and off site that can be redeemed at the HTK.

**POS Type:** Using the pull down, you can choose which POS System you are using

HCS 5 Digit - Hamilton code system, generating a 5-digit code

HCS 6 digit – Hamilton code system, generating a 6-digit code

HCS Tunnel Pass – Hamilton Tunnel Pass system

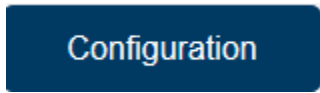
POS 4000 – Unitec POS 4000

**Unit Number:** When multiple HTK's are being used, the POS system will identify them by their unit numbers. You will increase the unit number by one per HTK.

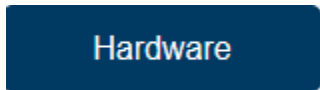
Once you have completed these settings, click activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.

# Card Reader

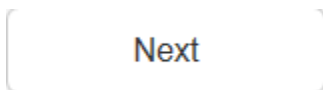
- Select



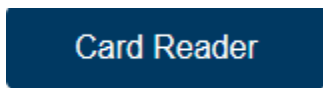
- Select



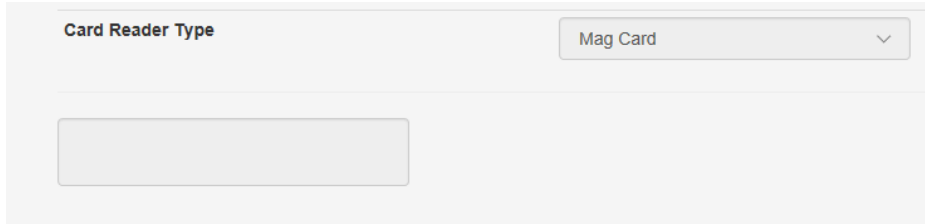
- Select



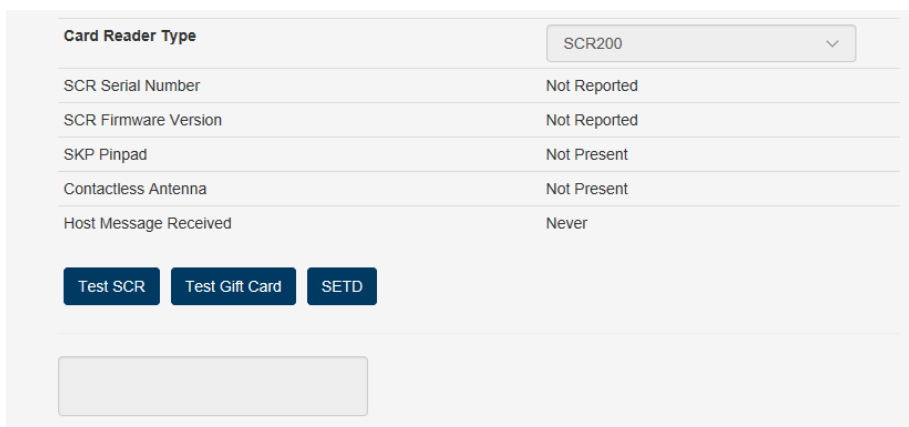
- Select



This is what the screen will look like when a mag stripe type card reader is in use.



This is what the screen will look like when an EMV type card reader is in use.



**Card Reader Type:** this will auto fill and is not changeable at this screen.

**SCR Serial Number:** this will auto fill when it communicates with the card reader.

**SCR Firmware Version:** this will auto fill to the current version the card reader is running.

**SKP Pinpad:** this will indicate Present or Not Present depending on whether a pinpad is connected or not.

**Contactless Antenna:** Present means that the card reader has successfully communicated with Payment Express and acquired a profile and the contactless antenna is connected. Not Present, means the card reader has not acquired a profile or the contactless antenna is not connected.

**Host Message Received:** this shows the date and time the HTK last received a message from the Payment Express host. Depending on configuration this may be Never.

**Test SCR:** Clicking this button allows you to test if the card reader can read a magstripe card, a chip card, or a contactless card.

**Test Gift Card:** Clicking this button allows you to test if the SCR has been profiled to accept a particular gift card.

**SETD:** Clicking this button will force the system to try and connect to the Host (Payment Express).

# Hamilton Express*Pass* RFID System

- Select

Configuration

- Select

Hardware

- Select

Next

- Select

Hamilton RFID

The screen should look like this:

The screenshot shows a configuration interface for the Hamilton RFID system. At the top left, there is a 'Settings' tab. Below it, there is a table of configuration options:

Enable	<input type="checkbox"/>	Off
IP Address	<input type="text"/>	
Port	<input type="text"/>	10000
Debounce	<input type="text"/>	3000 Milliseconds
Out of Field	<input type="text"/>	4000 Milliseconds
Blocklist Timeout	<input type="text"/>	8 Seconds

At the bottom of the form, there are two buttons: 'Save' and 'Reset Reader'.

**Enable:** Turn ON to enable the use of the Hamilton RFID

**IP Address:** This refers to the IP address of the RFID reader in the same lane as the HTK. This address is typically set during installation of the RFID equipment and is rarely changed. It's important to make note of the reader's IP address for two reasons. First you need to enter that address here in the HTK configuration so it knows which reader to communicate with. And also, you will need to know that address in case it's ever necessary to log into the reader to make changes to its configuration settings (for example to adjust the read strength setting).

**Port:** This is the listening port of the RFID reader. 10000 is the common port number used for this.

**Debounce:** This is the amount of time that a tag must be present before it begins processing. The minimum value recommended for proper operation is 4000 milliseconds (4 seconds).

**Out of Field:** This is the amount of time that a tag must be out of the field of the reader before we can assume the car has left the kiosk. The minimum value recommended for proper operation is 4000 milliseconds (4 seconds).

**Blocklist Timeout:** After a tag has been processed and has left the field for the Out of Field duration, the tag is put into a blocking list to prevent that tag from being recognized again. This setting determines how long a tag will remain in the blocking list before it can be read again.

**Reset Reader:** In the event the kiosk and the RFID reader appear to have stopped communicating, clicking this button will attempt to send a command to the reader to reset and re-establish communications.

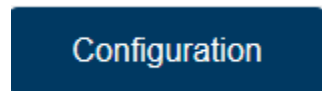
# Cash Management

*Cash Management can only be done locally at the HTK.*

Cash management offers a more detailed way to audit and track the cash flow. This is where you tell the HTK how much money you are putting into it, whether it is bills or coins. It will also calculate how many bills or coins were accepted.

You will have to enable cash management before it will display on the configuration screen.

- Select



- Select



- Select

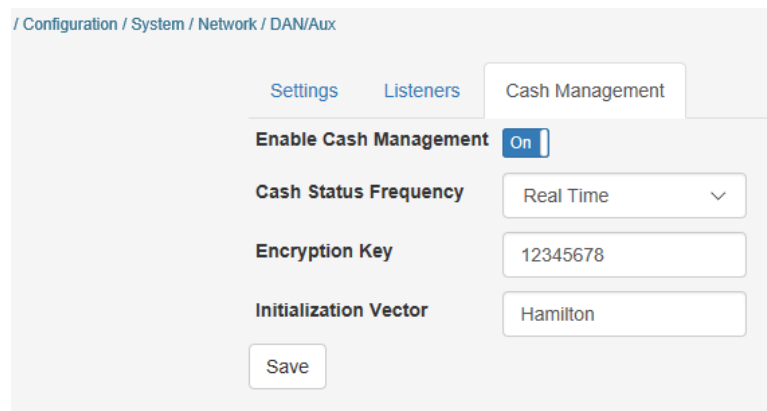


- Select

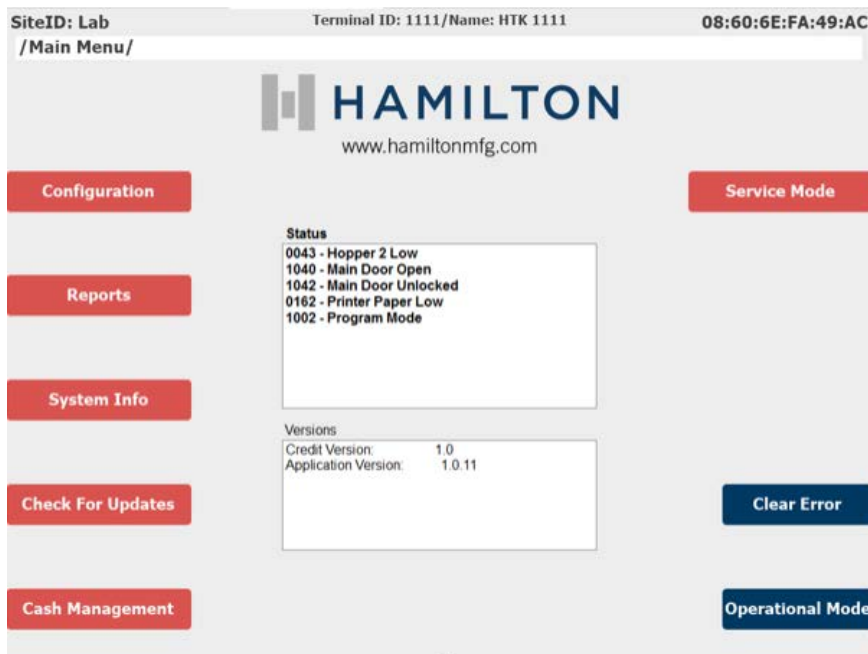


Turn ON the enable cash management

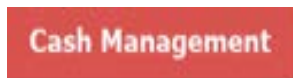
Once you have completed these settings, click save and then activate changes to save the settings. Then click the back button to the previous page. Continue to click Back until you are at the page you need.



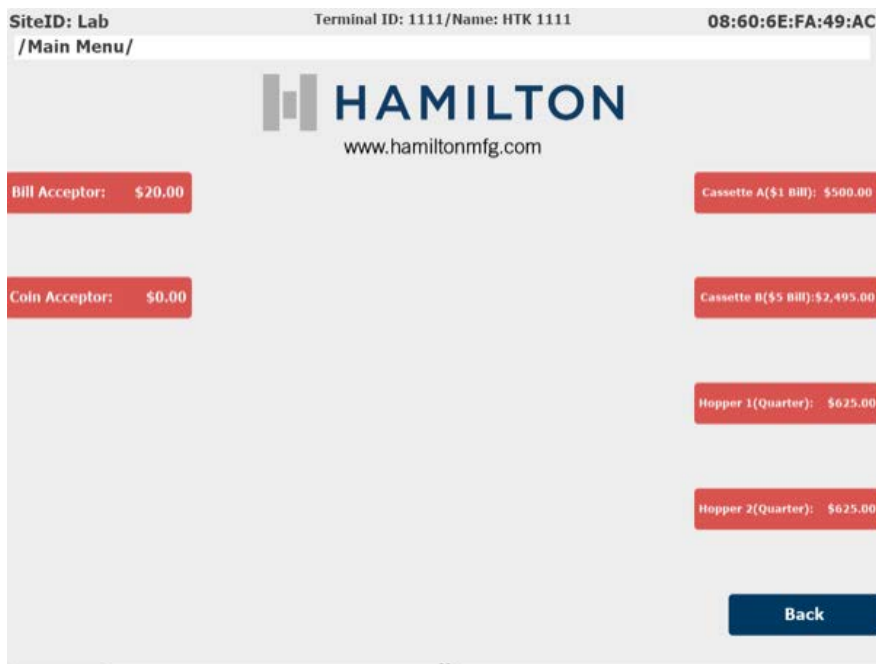
Click back until you get to the Main Configuration screen



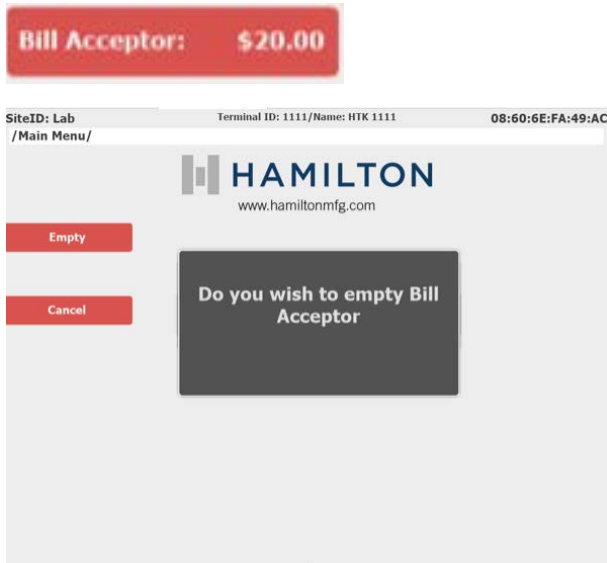
- Select



The screen should look like this:



- Select



**Empty:** When you select empty, the HTK will print you a receipt. The receipt will show how much cash was received, by breaking it down into each denomination count. Then the balance in \$\$\$. The bill acceptor category is now reset to zero. Repeat these steps for the coin acceptor.

**Bill Acceptor**

Car Wash App / 1 / Cust. Service

Emptied: 12/19/2014 2:04:16 PM

Administrator

Type	Count	Balance
\$1 Bill	18	\$18.00
Total	18	\$18.00

**Coin Acceptor**

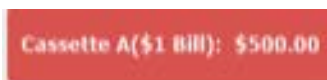
Car Wash App / 1 / Cust. Service

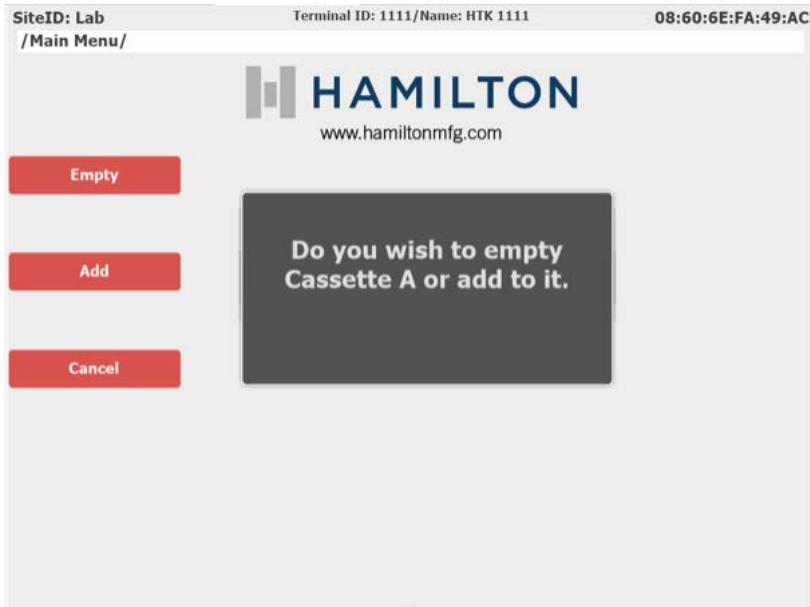
Emptied: 12/19/2014 2:14:21 PM

Administrator

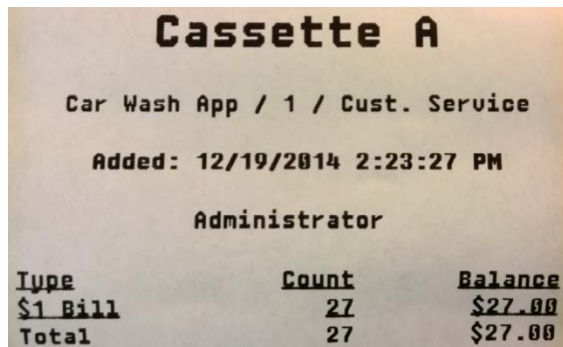
Type	Count	Balance
Quarter	4	\$1.00
TokenCoin1	2	
Total	6	\$1.00

- Select

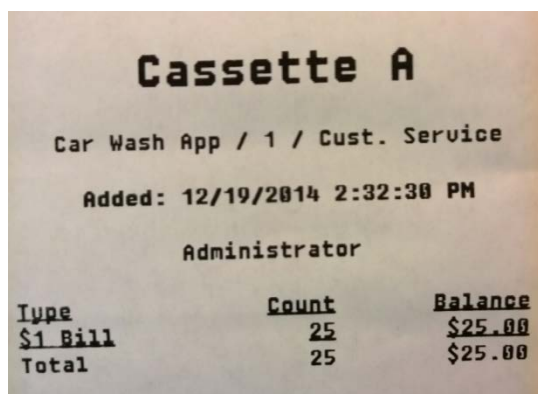




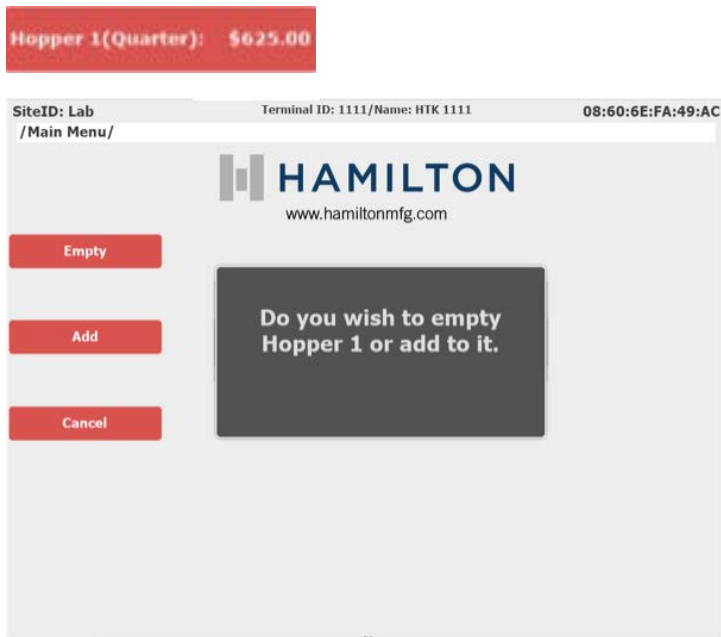
**Empty:** Bill cassettes do not take in cash, but dispense it. So, when you empty the cassette, you will be removing the cash from that cassette. The receipt that prints will tell you how many bills are remaining in the cassette.



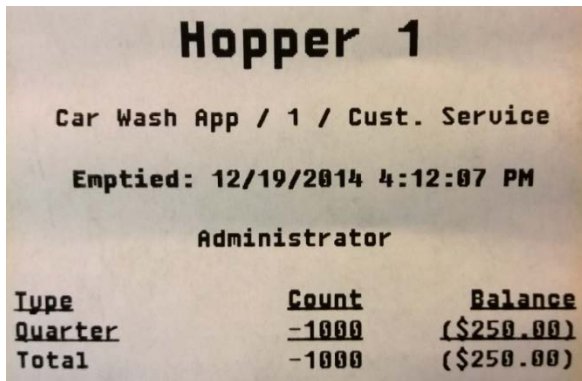
**Add:** Using the key pad on the front of the HTK, type in how many bills you are adding to the cassette. You will enter the quantity of bills, not the dollar amount. The software will calculate the dollar amount for you. After you add the quantity and select “done” the HTK will print you a receipt. Repeat these steps for cassette B



- Select



**Empty:** Will zero out the totals in the hopper. The HTK will print you a receipt stating what is left in the hopper.



**Add:** Using the keypad on the front of the HTK, type in how many coins will be added to the hopper. You will enter the quantity of coins, not the dollar amount. The software will calculate the dollar amount for you. After you add the quantity and select "done" the HTK will print you a receipt. Repeat these steps for hopper 2.

# Hopper 1

Car Wash App / 1 / Cust. Service

Added: 12/19/2014 3:58:44 PM

Administrator

Type	Count	Balance
<u>Quarter</u>	<u>1000</u>	<u>\$250.00</u>
Total	1000	\$250.00

# LIMITED WARRANTY AGREEMENT OF HAMILTON MANUFACTURING CORP.

Hamilton Manufacturing Corp., an Ohio Corporation, ("Seller") warrants to Purchaser that all new equipment shall be free from defects in material and factory workmanship for a period of one (1) year from the original shipping date. Hamilton Manufacturing Corp. further warrants if any part of said new equipment in Seller's sole opinion, requires replacement or repair due to a defect in material or factory workmanship during said period, Seller will repair or replace said new equipment. Purchaser's remedies and the liabilities and obligations of Seller herein shall be limited to repair or replacement of the equipment as Seller may choose, and Seller's obligation to remedy such defects shall not exceed the Purchaser's original cost for the equipment.

Purchaser EXPRESSLY AGREES this is the EXCLUSIVE REMEDY under this warranty. There are no other express or implied warranties which extend beyond the face hereof. All warranty repair service must be performed by either a Factory Trained Service Representative or **HAMILTON MANUFACTURING CORP.**, 1026 Hamilton Drive, Holland, Ohio 43528 PHONE (419) 867-4858 or (800) 837-5561.

The limited warranty for new equipment is conditioned upon the following:

1. The subject equipment has not, in the Seller's sole opinion, been subjected to: accident, abuse, misuse, vandalism, civil disobedience, riots, acts of God, natural disaster, acts of war or terrorism.
2. The Seller shall not be liable for any expense incurred by Purchaser incidental to the repair or replacement of equipment and Purchaser shall assume full responsibility for any freight or shipping charges.
3. The coverage of this warranty shall not extend to expendable parts.
4. Purchaser shall have a warranty registration card on file with Seller prior to any claim in order for warranty protection to apply.
5. No warranty coverage is applicable to any equipment used for currency other than that specified at the time of the purchase.
6. Seller expressly disclaims any warranty that counterfeit currency will not activate said equipment.
7. Seller expressly disclaims any warranty for any losses due to bill manipulation or theft or loss of cash under any circumstances.
8. Use of the equipment for anything other than its intended and designed use will void the Limited Warranty Agreement. Use of equipment for anything other than its intended and designed use includes, but is not limited to, downloading software/applications not certified by Seller such as e-mail, spyware, screen savers, viruses, worms, third party software, web search engines, cookies, spam, desktop applications, games, web surfing, etc.

Seller further warrants all repair or service work performed by a factory trained representative or Hamilton Manufacturing Corp. for a period of ninety (90) days from the date the repair or service work was performed. Purchaser's remedies and the liabilities and obligations of Seller herein shall be limited to repair or replacement of equipment as Seller may choose, and Seller's obligation to remedy such

defects shall not exceed the Purchaser's depreciated value of the equipment. Purchaser EXPRESSLY AGREES this is an EXCLUSIVE REMEDY under this warranty. There are no other express or implied warranties on repair or service work performed by a factory trained representative or Hamilton Manufacturing Corp. which extend beyond the face hereof.

The limited warranty for repair and service work is conditioned upon the following:

1. The subject equipment has not, in the Seller's sole opinion, been subjected to: accident, abuse, misuse, vandalism, civil disobedience, riots, acts of God, natural disaster, acts of war or terrorism.
2. The Seller shall not be liable for any expense incurred by Purchaser incidental to the repair or replacement of equipment and Purchaser shall assume full responsibility for any freight or shipping charges.
3. The coverage of this warranty shall not extend to expendable parts.
4. Purchaser shall have a warranty registration card on file with Seller prior to any claim in order for warranty protection to apply.
5. No warranty coverage is applicable to any equipment used for currency other than that specified at the time of the purchase.
6. Seller expressly disclaims any warranty that counterfeit currency will not activate said equipment.
7. Seller expressly disclaims any warranty for any losses due to bill manipulation or theft or loss of cash under any circumstances.
8. No person or entity other than a factory trained representative or Hamilton Manufacturing Corp. has performed or attempted to perform the subject repair or service.
9. Using equipment which has been serviced or repaired for anything other than its intended or designed use such as downloading software applications not certified by Seller will void the Limited Warranty Agreement. This includes software/applications such as e-mail, spyware, screen savers, viruses, worms, third party software, web search engines, cookies, spam, desktop applications, games, web surfing, etc.

**THIS AGREEMENT IS MADE WITH THE EXPRESS UNDERSTANDING THAT THERE ARE NO IMPLIED WARRANTIES THAT THE EQUIPMENT SHALL BE MERCHANTABLE, OR THAT THE GOODS SHALL BE FIT FOR ANY PARTICULAR PURPOSE. PURCHASER HEREBY ACKNOWLEDGES THAT IT IS NOT RELYING ON THE SELLER'S SKILL OR JUDGMENT TO SELECT OR FURNISH EQUIPMENT SUITABLE FOR ANY PARTICULAR PURPOSE AND THAT THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THAT WHICH IS DESCRIBED HEREIN.**

The Purchaser agrees that in no event will the Seller be liable for direct, indirect, or consequential damages or for injury resulting from any defective or non-conforming new, repaired or serviced equipment, or for any loss, damage or expense of any kind, including loss of profits, business interruption, loss of business information or other pecuniary loss arising in connection with this Limited Warranty Agreement, or with the use of, or inability to use the subject equipment regardless of Sellers knowledge of the possibility of the same.



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