



NURIT 8320

User Guide

Quick Service Payment
Functionality

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Product Information

NOTICE

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**FCC
COMPLIANCE
STATEMENT**

Manufacturer: Lipman Electronic Engineering Ltd.
Model: NURIT 8320

**EUROPEAN
UNION
DIRECTIVES
CONFORMANCE
STATEMENT**

This product is in conformance with the requirements of applicable EU Council Directives.

WARNING!

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

Product Regulatory Information

FCC PART 15 REQUIREMENTS

This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Connection of peripherals to this unit requires the use of grounded, shielded cables to ensure compliance with the class B limits.

FCC PART 68 REQUIREMENTS

[APPLICABLE WHEN
USING OPTIONAL
NURIT 8320 DOCKING
STATION OR NURIT
8320 EXTERNAL
MODEM]

The Federal Communications Commission (FCC) has established rules permitting this device to be directly connected to the telephone network. Standardized FCC Part 68 compliant telephone line cords and modular jacks are used for these connections. This equipment **should not** be used on party or coin lines.

If this device is malfunctioning, it may be causing harm to the telephone network; this device should be disconnected until the source of the problem can be determined and until repair has been made. If this is not done, the telephone company may temporarily disconnect service.

The telephone company may make changes in its technical operations and procedures; if such changes affect the compatibility or use of this device, the telephone company is required to give adequate notice of the changes. You will be advised to file a complaint with the FCC.

If the telephone company requests information on what equipment is connected to their lines, inform them of:

- The telephone number this unit is connected to
- The ringer equivalence number: 0.2A
- The USOC jack required: RJ-11C
- The FCC Registration number:

The Ringer Equivalence Number (REN) is used to determine how many devices can be connected to your telephone line. In most areas, the sum of the RENs of all devices on any one line should not exceed five (5). If too many devices are attached, they may not ring properly. To be certain of the number of devices that may be connected to the line, as determined by the total RENs, contact the telephone company to determine the maximum REN for the calling area.

Continued on next page

Product Regulatory Information, Continued

FCC PART 90 REQUIREMENTS This device contains a radio transceiver module, (FCC ID number is located on the bottom of the terminal), operating under Part 90 of the FCC rules in a licensed part of the radio spectrum. Qualified personnel must perform service or repairs to the radio portion of this device. Any unauthorized modification to the radio module, shielding, or antenna system may void the user's authority to operate this device

IN CANADA This digital apparatus does not exceed the class B limits for radio noise emissions from digital apparatuses set forth in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère de Communications du Canada.

SHIPPING Carefully pack and send the package prepaid, adequately insured and preferably in the original carton. Attach a postage-paid letter to the outside of the package detailing the complaint.

PLEASE NOTE: SHIPMENT MUST BE SENT TO AN AUTHORIZED DEALER OR SERVICE CENTER ONLY. PLEASE NOTIFY YOUR LIPMAN REPRESENTATIVE BEFORE SHIPMENT. PRODUCTS SENT TO OTHER LOCATIONS WILL BE RETURNED AT OWNERS EXPENSE. CONTACT YOUR DEALER FOR THE CORRECT ADDRESS.

Installation

SELECTING A LOCATION

Select a location for the NURIT 8320 terminal that is safe and convenient for both the retailer and cardholder.

CAUTION!

The NURIT 8320 is designed for indoor use when using the unit's AC charger. Only units powered by built-in battery pack should be operated outdoors. Under no circumstances should the unit be powered or charged outdoors using its AC charger. Obviously, the NURIT terminal **should not be used in areas of excessive moisture or heat.**

Avoid areas with:

- Excess heat, dust or other debris
 - Oil or moisture
-

WARNING!

When connected to the AC charger, do not use the terminal near water, including sink, laundry tub or pool. In addition, avoid exposure to:

Devices that radiate excessive voltage fluctuations or electrical noise, such as air conditioners, fans, electric motors, neon signs, or high-frequency security devices.

Direct sunlight or objects that radiate heat.

Metal partitions or such obstructions that may disrupt radio reception or transmission.

WARNING!

For land line terminals or when using a wireless terminal via landline, place the NURIT terminal on a flat table or countertop. The terminal should be conveniently located in relation to a telephone line and AC power outlet.

To meet standard ventilation requirements, at least 22.1 centimeters (8.7 inches) of clear space must be provided around the terminal when placed in its fixed operating location.

Unpacking the Shipping Carton

When opening the original shipping carton, carefully inspect the contents for any damaged or missing components. Lipman has taken all measures to provide you with a complete unit. If shipping damage is evident, file a claim with the shipping company. Please notify your Lipman distributor concerning this damage, or if any components are missing.

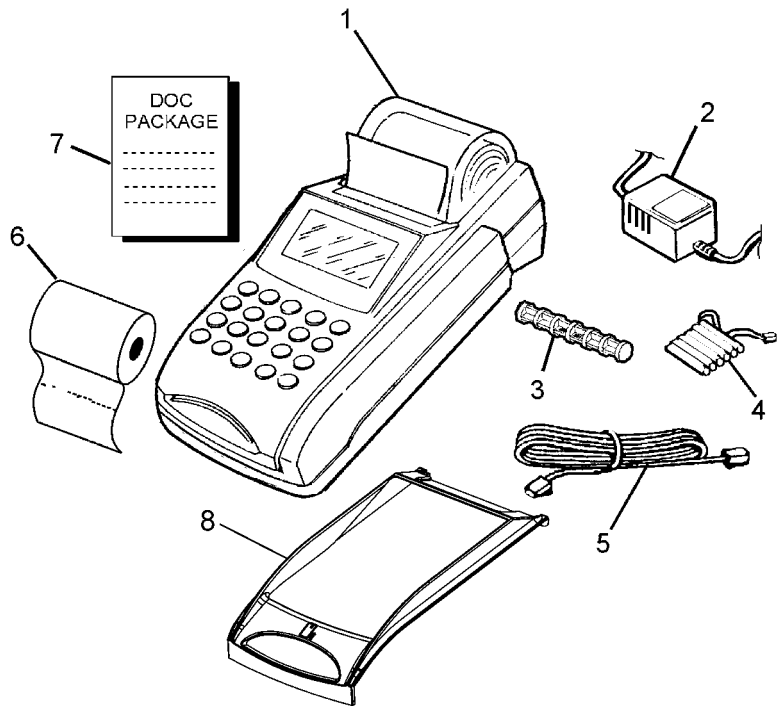
For your personal safety, do NOT use a NURIT terminal showing any signs of damage!

Note Before actual use of the terminal, remove the thin transparent plastic membrane that covers the LCD screen.

Main Components

Component List

1. Nurit 8320 Terminal
2. AC Power Cord
3. Paper Spindle
4. Battery Pack (Optional)
5. Phone Cable
6. Thermal Paper Roll
7. Documentation Package
8. Privacy Shield

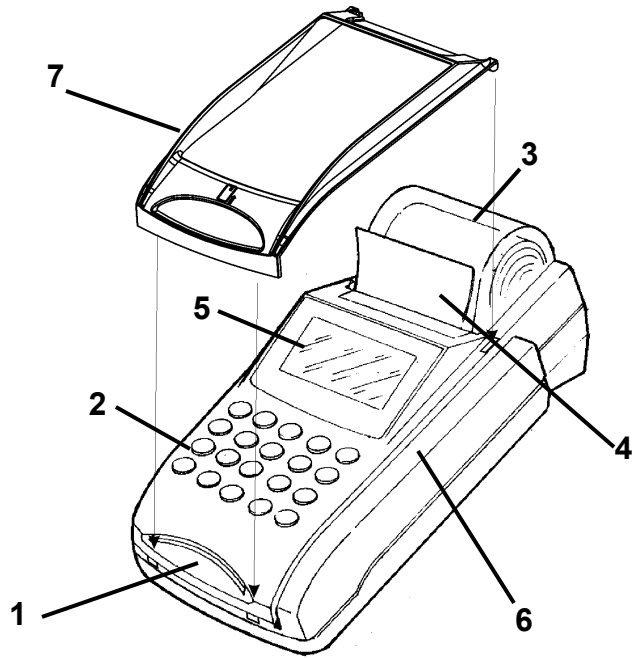


Hardware Features of the NURIT 8320

Take a few moments to familiarize yourself with the terminal's main feature locators as depicted in the following illustrations.

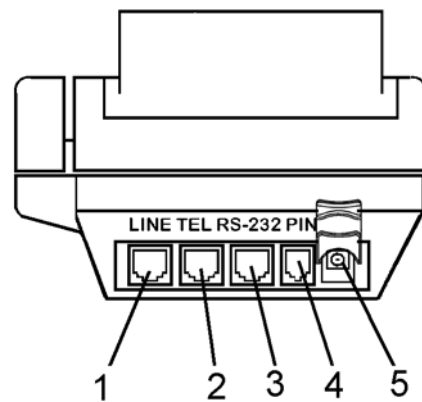
Top View

1. Smart Card Reader
2. Keypad
3. Paper Roll Cavity with Cover
4. Thermal Paper Receipt
5. LCD Display
6. Magnetic Card Reader
7. Privacy Shield



Back View

1. Line Port – Telephone cable from phone jack
2. Telephone Port – Line to phone or fax machine
3. RS-232 Port – COM port for peripherals
4. External PIN Pad Port
5. Power Port



About the Battery Pack

SMART Ni-MH BATTERY PACK

The supplied high-performance Nickel Metal Hydride (Ni-MH) battery pack provides 7.2 VDC at 1200 mAh of capacity. When fully discharged, the battery fully recharges within 3 hours while installed in the terminal. An 80% charge capacity is reached within 1 hour. The terminal can be left connected to its AC charger indefinitely without causing damage to the battery.

Under typical use, the battery pack is good for well over 600 charge cycles, after which operating time may very slowly decrease. This battery pack has a self-discharge rate, and without normal use will lose approximately 1% of its charge per day. Replace the battery pack with a new one when the charge capacity is too weak for normal operation. If for any reason you intend not to use your NURIT for an extended period of time, remove the battery pack located on the underside of the unit.

WARNING!

1. Please do **NOT** dispose of the battery pack in a fire! Dispose of use batteries in accordance with local recycling regulations.
2. If for any reason you intend to remove the NURIT's battery pack, make sure that the metal contacts do not come in contact with any metal objects.

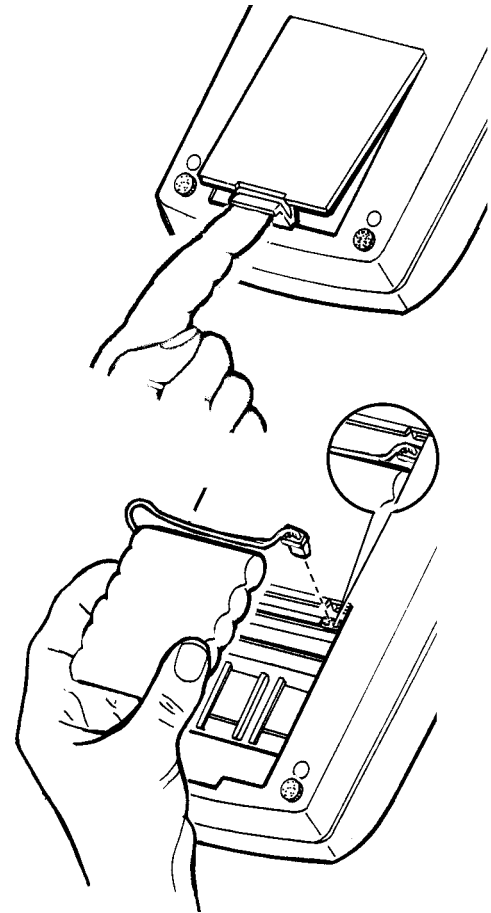
NOTE

Extreme temperatures will degrade the performance of your battery pack. Do not store this Ni-MH battery pack in an ambient temperature range below -20°C (4°F) and above 60°C (140°F).

Installing the Battery Pack

INSTRUCTION Use the following step/action table when installing the battery pack:

Step	Action
1.	Carefully invert the terminal. The terminal can be held in hand or gently placed on a soft surface so as not to damage the unit.
2.	Remove the battery compartment cover by pressing the release tab up and lifting out.
3.	If necessary, remove the old battery. Disconnect the battery connector by placing a finger on each side and pulling back. Remove the battery.
4.	Mate the female connector on the battery to the male connector in the terminal. The connectors are keyed for accuracy.
5.	Place the battery in the compartment.
6.	Replace the cover by matching the tabs at the top of the cover with the slots in the terminal then pressing the cover until you hear the locking click.
7.	Stop.



Connecting to AC Power & Phone Jack

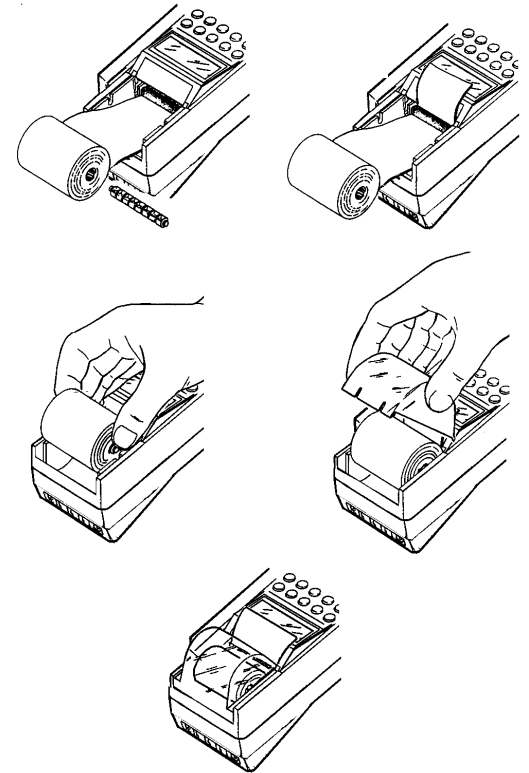
INSTRUCTION Use the following step/action table when connecting the terminal to power and to the phone jack:

Step	Action
1.	The Power/Phone Cable comes in two sections, the cable with the Power Supply and the Power/Phone extension. Snap the two sections together.
2.	Mate the barrel connector on the AC Power cable to the power port on the terminal making sure the cable is seated securely.
3.	Mate the phone connector into the LINE port.
4.	Insert the other end of the phone cable into the phone jack on the wall.
5.	Plug the pronged plug into the wall socket.
6.	Stop.

Loading Thermal Paper

INSTRUCTION Use the following step/action table when loading thermal paper into the terminal:

Step	Action
1.	Remove the Paper Cover.
2.	Remove the paper spindle and, if necessary, the old paper core.
3.	Make sure the end of the new roll has a clean straight edge.
4.	With the paper coming from under the roll, feed the paper under the black paper roller.
5.	The paper sensor (located on the left side from the front under the roller) will sense the paper and feed the paper around the roller and out the top.
6.	If necessary, press and hold down the FUNC key while tapping the FEED key.
7.	Place the paper spindle in the paper roll and the roll into the paper compartment.
8.	Replace the paper cover.
9.	Stop.

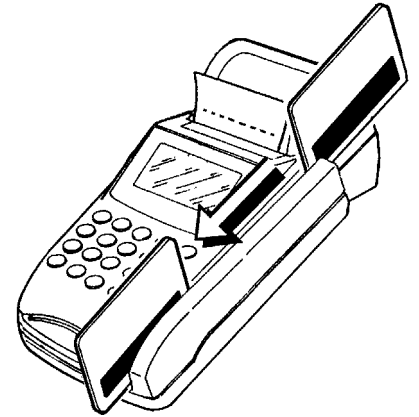


Using the Magnetic Card Reader

INSTRUCTION

A magnetic swipe card reader is located along the right side of the terminal.

Step	Action
1.	Grasp the card so that its magnetic stripe is facing down and to the right.
2.	Place the card into one end of the card reader groove.
3.	Swipe the card in a smooth continuous manner. This can be done in either direction (top-to-bottom or bottom-to-top).
4.	Stop.

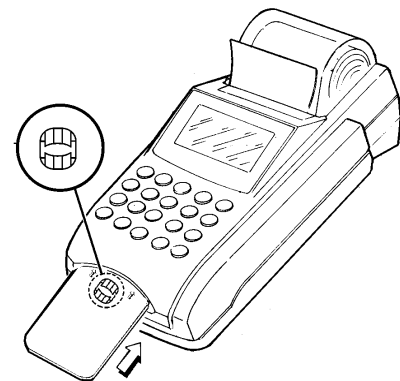


Using the Smart Card Reader

INSTRUCTION

Refer to the following action for assistance using the smart card reader.

Action
Insert the smart card (chip end first) into the opening of the reader on the terminal's front panel. For guidance, most smart cards will have directional guide arrows engraved or inscribed on the cards.



INTRODUCTION

INFORMATION

Presently, there are three varieties on the 4.82 Application. They include:

- SCA_STD (for script)
- POS_STD (this version is supported in NURIT models 2085 and higher)
- POS_Plus (this version is supported in NURIT 2085-M21, NURIT 3020, NURIT 8320 and NURIT 8000 terminals The major difference between POS_STD and POS_Plus is that Plus supports Magtek in addition to signature capture, RDM, multi-language, the Communication Log Report and the RAM Disk Report. Driver License Verification is supported by POS7PLUS only.)

APPLICATION	NURIT MODEL
POS7_STD **	Nurit 2085, Nurit 3010, Nurit 3020, Nurit 8000 and Nurit 8320 ** Requires Nurit Operating System (NOS) 7.8.4 and above.

Please Note: For Merchants requiring PLUS Features, see the information in the following chart.

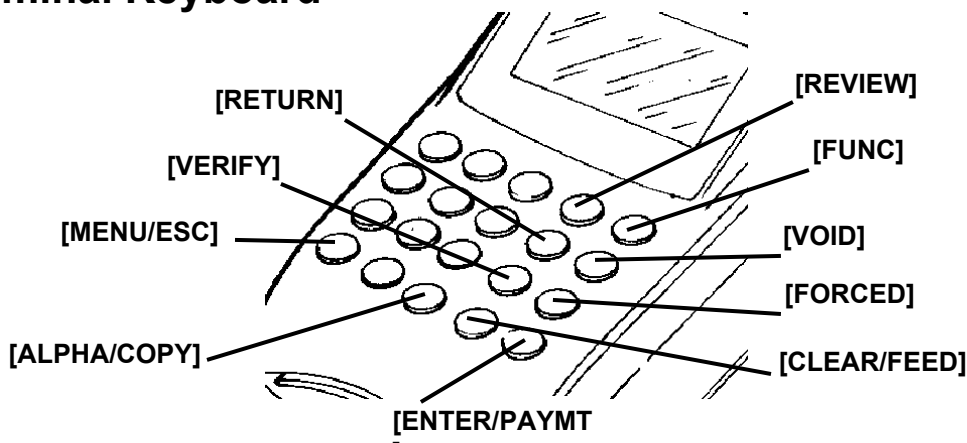
APPLICATION	NURIT MODEL
POS6PLUS *	Nurit 2085-M21 and Nurit 3020 * Requires Nurit Operating System (NOS) 6.00 and above.
POS7PLUS **	Nurit 2085-M21, Nurit 3020, Nurit 8000 and Nurit 8320 ** Requires Nurit Operating System (NOS) 7.8.4 and above.

Please Note: The Nurit Control Center version must 7.4.11 or higher when building terminal files with any of these application versions.

An Overview of the NURIT 8320

INFORMATION This section will provide you with a basic understanding of the operations and functionality of the NURIT 8320. This will include a keyboard overview and a basic explanation of common terms that you will find throughout this manual.

The Terminal Keyboard



Key	Function
[MENU/ESC]	Use this key to access the terminal's main menus and sub-menus as well as to exit these menus.
[CLEAR/FEED]	Use this key to clear the data you input. Use it with the [FUNC] key and it will feed the paper.
[FUNC] (Function Key)	Use this key to batch the terminal in addition to accessing other convenient hot keys.
[▲][▼][▶] and [◀]	Use these arrow keys to scroll through the menu and submenu options.
[ENTER/PAYMENT]	Use this key to select payment type as well as to make selections in the menu.
[NUMBER PAD]	Used to enter all numeric values. In addition these keys are used in conjunction with the Alpha key to input alphabet text and various symbols.
[ALPHA/COPY]	Use this key to edit text in Headers and Trailers as well as to print out a copy of your last receipt.
[REVIEW]	This key allows you to view totals for EDC types on the display.
[RETURN]	Press this key prior to processing a return.
[VOID]	Press this key prior to voiding a transaction.
[VERIFY]	Press this key prior to verifying.
[FORCED]	This is used to process a forced sale. (An authorization has already been obtained.)

Powering the Unit On and Off

INSTRUCTION Use the following steps to power the unit on and off when using the unit with the battery pack.

To Power On and Off:

- **Press** the **[MENU/ESC]** Button.
-

General Information

FOREWORD Thank you for purchasing the NURIT 8320 EDC Transaction Terminal. You now own one of the most advanced electronic Point-Of-Sale (POS) devices manufactured today.

This manual explains user and administrative functions. To fully utilize the features of your terminal, take some time to familiarize yourself with this manual, the terminal and any accessories to be used.

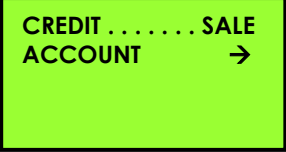
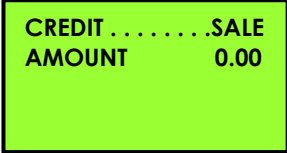
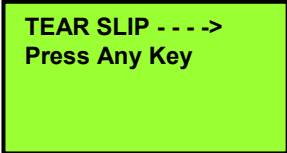
Please store this manual in a safe place for future reference.

User Operations


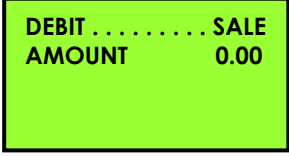
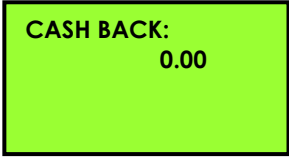
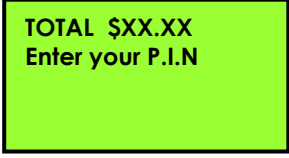
INFORMATION This section explains the various instructions required in operating the NURIT 8320 POS/EDC Terminals. The terminal keyboard allows for selecting specific transaction types, entering of data, and performing various functions. In this manual, transactions, operations, and specific functions available with the NURIT 8320 are explained.

Performing Sale Transactions

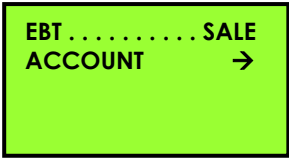

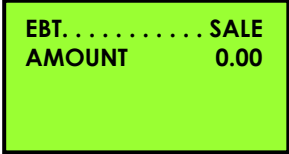




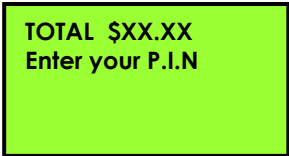
Credit Cards

STEP	ACTION	DISPLAY
1.	Be sure the terminal is at the Idle Prompt	
2.	Swipe the credit card , or manually key in the account number and expiration date.	
3.	Input the dollar amount of the transaction without a decimal point.	
4.	Press [ENTER] The terminal will now dial out for an approval and print one receipt.	
5.	Press any key to print a second receipt.	
6.	Stop.	

Debit Cards

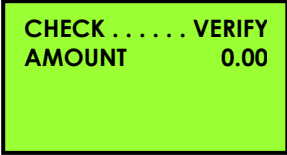
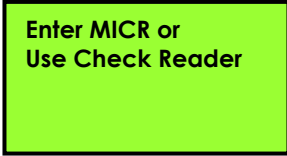


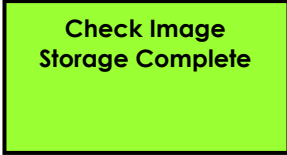
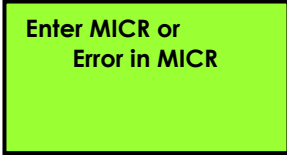

STEP	ACTION	DISPLAY
1.	From the Idle prompt press [ENTER/PAYMT] until the display identifies a debit sale. (See right →)	
2.	Swipe the debit card . (Debit cards cannot be keyed in manually, they MUST be swiped) *The cards magnetic stripe should be facing you when swiping.	
3.	Input the dollar amount of the transaction without a decimal point.	
4.	Press [ENTER] The terminal will now Prompt you to enter a Cash Back amount AND press ENTER Or Press [ENTER] to bypass.	
5.	Input the PIN on the Keypad.	
6.	Press [ENTER]	
7.	Stop.	

EBT Cards (Electronic Benefits Transfer)

STEP	ACTION	DISPLAY						
1.	From the Idle prompt press [ENTER/PAYMT] until the display identifies an EBT sale. (see right →)							
2.	Swipe the EBT card , or manually enter the account number including the expiration date, or if required, the 'GEN' number.							
3.	Press [1] for Food stamp Or Press [2] for Cash Terminal Benefit							
4.	Input the dollar amount of the transaction without a decimal point.							
5.	Press [ENTER]							
6.	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>If</th> <th>Then</th> </tr> </thead> <tbody> <tr> <td>Food Stamp</td> <td>Stop </td> </tr> <tr> <td>Cash Benefit</td> <td>Proceed to next step.</td> </tr> </tbody> </table>	If	Then	Food Stamp	Stop 	Cash Benefit	Proceed to next step.	
If	Then							
Food Stamp	Stop 							
Cash Benefit	Proceed to next step.							
7.	The terminal will now Prompt you to enter a Cash Back amount or press [ENTER] to bypass.							
8.	Input the PIN on the Keypad.							
9.	Press [ENTER]							
10.	Stop.							

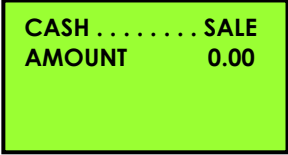
Check Sale

Note: Check Imager is supported by POS_PLUS application only.

STEP	ACTION	DISPLAY
1.	From the Idle prompt press [ENTER/PAYMT] until the display identifies a Check Sale. (See right →)	
2.	Input the amount to be verified and Press [ENTER]	
3.	Input the 17 digit MICR number from the check & Press [ENTER] <u>Or</u> Place the Check in the Check Reader/Imager	 <p><i>* Display will vary depending on check hosts</i></p>
4.	If a Check Imager was used, the terminal will display results.	
5.	The terminal will store the image in memory.	
6.	A successful storage message will display.	
7.	An unsuccessful swipe will post an error message.	
8.	Try swiping the check again.	
9.	Stop.	

Cash Sale

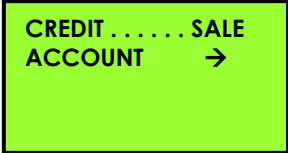
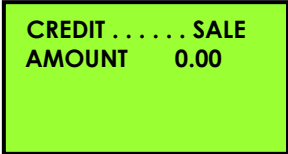
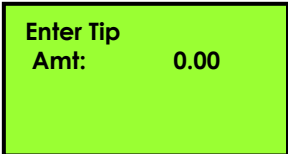
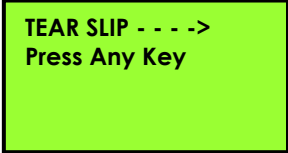
Note: To perform Cash transactions, Cash EDC mode must be turned on.

STEP	ACTION	DISPLAY
1.	From the Idle prompt press [ENTER/PAYMT] until the display identifies a Cash Sale. (See right →)	
2.	Input the dollar amount of the sale and Press [ENTER]	
3.	Stop.	

Processing Sale Transactions – With Tip(s)

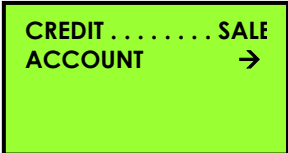
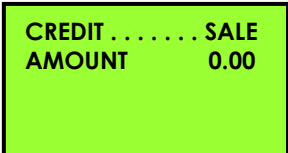
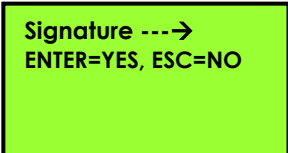
Turing the Tips function on and off is an option. There may be up to 3 tips - gratuities added per transaction. You can change the name of tip for identification and reporting and a default tip \$amount can be entered. Use the following step/action table for assistance processing a sale with tip option #1 turned on.

Note: *Tip option one can be turned off in Retail Mode Only.*

STEP	ACTION	DISPLAY
1.	Be sure the terminal is at the Idle Prompt	
2.	Press [PAYMT MODE] until the desired payment method is displayed.	
3.	Swipe the credit card , or manually key in the account number and expiration date.	
4.	Input the dollar amount of the transaction without a decimal point. Press [ENTER] .	
5.	Input the tip amount and press [ENTER] OR Press [ENTER] to bypass Note: Repeat step for Tip #2 and Tip #3 if necessary.	
6.	The terminal will now dial out for an approval and print one receipt.	
7.	Depending upon transaction type and paper type, press any key for second receipt to print.	
8.	Stop.	

Processing a Sale with Signature Capture

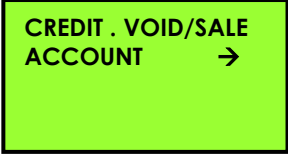
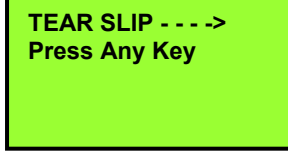
NOTE: This feature is available with POS_PLUS application only.

STEP	ACTION	DISPLAY
1.	Be sure the terminal is at the Idle Prompt	
2.	Press [PAYMT MODE] until the desired payment method is displayed.	
3.	Swipe the credit card , or manually key in the account number and expiration date.	
4.	Input the dollar amount of the transaction without a decimal point. Press [ENTER] .	
5.	The terminal will dial out to process the transaction. Upon completion of a successful transaction the terminal will prompt you to insert the receipt into the e-pad and have the customer sign on the e-pad.	
6.	After the customer has signed the receipt using the e-pad, press [ENTER] .	
7.	Stop	

Voids


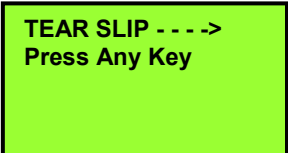
Void Sale

A void of a sale can be done, if the original sale was performed in the same batch. If the original sale was NOT performed in the same batch a Return should be processed.

STEP	ACTION	DISPLAY
1.	From the Idle prompt press [VOID] The display identifies a Void/Sale. (See right →)	
2.	Swipe the credit card or key in the account number and expiration date manually.	
3.	Input the dollar amount to be voided.	
4.	Press [ENTER].	
5.	Press any key to print a second receipt.	
6.	Stop.	


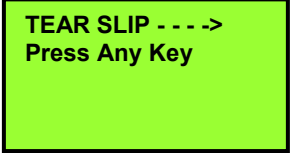
Void Return

A Void Refund is done if the original return is from the same batch. If the refund is from a different batch, you will not be able to perform a void return.

STEP	ACTION	DISPLAY
1.	From the Idle prompt press [VOID] until the display identifies a Void/Return. (See right →)	
2.	Swipe the credit card or key in the account number and expiration date manually.	
3.	Input the amount of the return to be voided.	
4.	Press [ENTER].	
5.	Press any key to print a second receipt.	
6.	Stop.	

Void Forced Sale


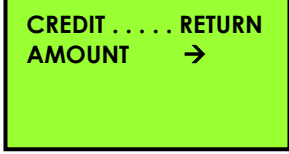
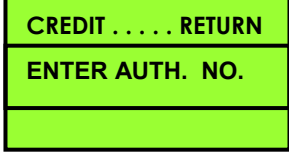
A Void Forced Sale is done, if the original Forced Sale is from the same batch. If the refund is from a different batch, you will not be able to perform a void return.

STEP	ACTION	DISPLAY
1.	From the Idle prompt press [FORCED] until the display identifies a Void/Forced. (See right →)	
2.	Swipe the credit card or key in the account number and expiration date manually.	
3.	Input the amount of the Forced Sale to be voided.	
4.	Press [ENTER].	
5.	Press any key to print a second receipt.	
6.	Stop.	

Returns


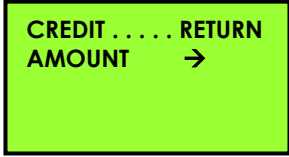
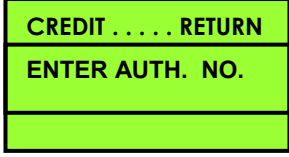
Credit Return

A refund to a customer’s credit card account can be done if the original sale is from a different batch. If the sale and refund are in the same batch process a Voids, otherwise, a refund is done as follows:

STEP	ACTION	DISPLAY
1.	From the Idle prompt press [RETURN] until the display identifies a Credit Return. (See right →)	
2.	Swipe the credit card or key in the account number and expiration date manually.	
3.	Input the amount of the Return.	
4.	Press [ENTER].	
5.	Input the Authorization number from the original sale and Press [ENTER]	
6.	Stop.	

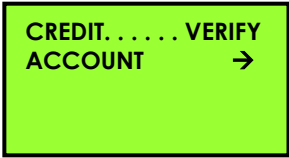
Debit Return

A debit transaction can only be done using a bank issued debit card.

STEP	ACTION	DISPLAY
1.	From the Idle prompt press [ENTER/PAYMT] until DEBIT is displayed and then press [RETURN] until the display identifies a Debit Return. (See right →)	
2.	Swipe the debit card	
3.	Input the amount of the Return. Then Press [ENTER]	
4.	Input the Authorization number from the original sale and press [ENTER]	
5.	Stop.	

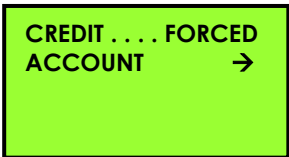
Verify

This function is used to ensure that a customer has adequate funds on their credit card (THIS DOES NOT CHARGE THE CUSTOMER’S ACCOUNT).

STEP	ACTION	DISPLAY
1.	From the Idle prompt press [VERIFY] The display identifies Credit Verify. (See right →)	
2.	Swipe the credit card or key in the account number and expiration date manually.	
3.	Input the amount to be verified.	
4.	Press [ENTER].	
5.	Stop.	

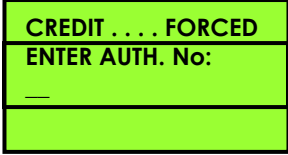
Forced Transaction

When voice authorization has been obtained on a customer’s credit card, a Forced Sale should be done to process the transaction.

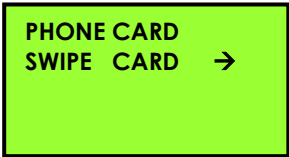
STEP	ACTION	DISPLAY
1.	From the Idle prompt press [FORCED] The display identifies a Forced Sale. (See right →)	
2.	Swipe the credit card or key in the account number and expiration date manually.	
3.	Input the amount that has already been authorized.	

Continued on next page

Forced Transaction, Continued


STEP	ACTION	DISPLAY
4.	Input authorization number previously obtained.	
5.	Press [ENTER].	
6.	Stop.	

Phone Card Activation

STEP	ACTION	DISPLAY
1.	From the Idle prompt press [ENTER] until the display identifies a Phone Card transaction. (See right →)	
2.	Swipe the phone card to be activated.	
3.	Input the amount of activation and Press [ENTER].	
4.	Input the clerk number and Press [ENTER].	
5.	Confirm correct amount for activation and Press [ENTER]	
6.	Stop.	

Batching



To perform a manual batch release, or settlement of transactions stored in the NURIT 8320 memory, use the following step/action table for assistance.

STEP	ACTION	DISPLAY
1.	From the Idle prompt press [FUNC] (See right →)	
2.	Press [2] for BATCH	
3.	Press the number that corresponds with the desired host.	
4.	The terminal will dial out to the host processor and print a batch report.	
5.	Stop.	
Note:	If a terminal is programmed for auto batch, the host will close the batch automatically each night, at a specific time, and print a batch report. However, the report will only clear at the time of the first attempted sale, after your set batch time. Although your terminal will be programmed for auto batch, you may still have the option to batch manually. Images are uploaded at the start of the batch process.	

Bridge Upload – (Image Capture)

FUNCTION DESCRIPTION Use this function to upload captured data to the web, such as – Captured signatures and Check images.

NOTE: This feature is available with POS_PLUS application only.

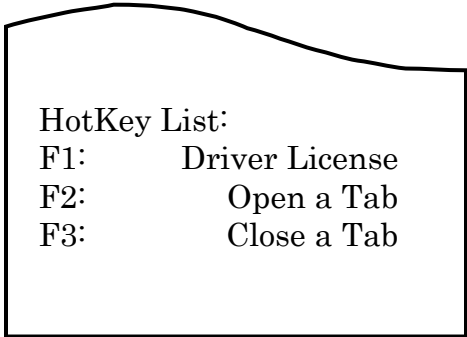
STEP	ACTION	DISPLAY
1.	From the Idle prompt press [FUNC] (See right →) Note: Prompts will vary by host.	 <p>FUNCTION MENU 1.REPORT 2.BATCH 3.REVIEW 4.FIND</p>
2.	Press [2] to start batch process.	
3.	Press [2] for Bridge Upload then press [ENTER] . Note: Prompts will vary by host.	 <p>Communication . . 1.Batch to Host 2.Bridge Upload</p>
4.	The terminal will dial out to the Bridge communication phone number and upload the images that have been stored.	
5.	Stop.	


Accessing Hot Keys

FUNCTION DESCRIPTION

Hot Keys are short cuts to reports and functions. Hot Keys must be programmed when the terminal file is built and downloaded into the terminal with the application and parameters. A Hot Key List is printed at the end of the Print Setup Report.

Example of Print Setup Report:

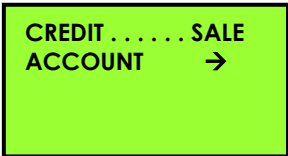

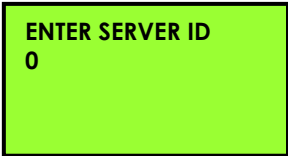
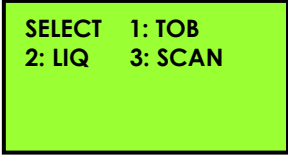
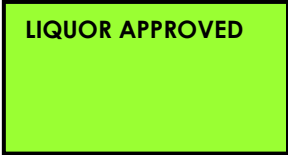
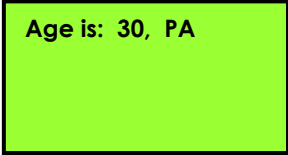


STEP	ACTION	DISPLAY
1.	If necessary, press [MENU/ESC] to return the terminal to the idle prompt.	
2.	Press the [FUNC] key at the same time as pressing the number key on the list. I.E., press [FUNC] and [2] to Open a Tab.	
3.	Stop.	




Driver License Verification *

INFORMATION This feature is programmable at the *Nurit Control Center* level using one of the terminal’s four hot keys. The Programmed Hot Keys are listed at the bottom of the Setup Report.




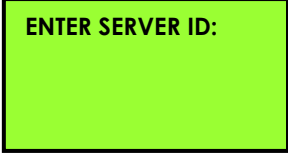
***NOTE:** All Driver License Verification functions are available with POS7PLUS application only.

STEP	ACTION	DISPLAY
1.	From the idle prompt press the [FUNC] key the same time as pressing the number key for the DL Verification function.	
2.	Swipe the customer’s Driver’s License with the Magnetic Strip facing to the right. *Note: For a successful swipe the customer’s DL must have a magnetic strip.	
3.	Enter the Server ID then press [ENTER] .	
4.	Select the purchase type for the Age Verification. 1. Tobacco 2. Liquor 3. Scan (Displays age and issuing state)	
5.	The terminal will read the magnetic stripe and determine if the customer’s age is appropriate for the type of purchase they are requesting. Note: Prompts will vary depending on selection.	
6.	The display will show the customer’s age and resident State. Note: Prompts will vary by customer.	
7.	Stop.	




DL Verification General Report *

STEP	ACTION	DISPLAY
1.	From the idle prompt press the [FUNC] key the same time as pressing the number key for the DL Verification function.	
2.	Press [REVIEW] to list the available functions.	
3.	Press [ENTER] to print the report.	
4.	Stop.	

DL Verification Clerk Report *

STEP	ACTION	DISPLAY
1.	From the idle prompt press the [FUNC] key the same time as pressing the number key for the DL Verification function.	
2.	Press [REVIEW] to list the available functions.	
3.	Press [2] for Clerk Report.	
4.	Enter the server ID number then press [ENTER] .	
5.	Stop.	





DL Verification Supported States *

STEP	ACTION	DISPLAY
1.	From the idle prompt press the [FUNC] key the same time as pressing the number key for the DL Verification function.	
2.	Press [REVIEW] to list the available functions.	
3.	Press [3] for Supported States. A list of the states currently supported will be printed.	
4.	Stop	

The list of supported states is updated periodically as states change the type of license issued. The following is a list of the supported states when this document was written and might not be current. Print a list from your terminal for the latest information.

- | | |
|---------------------------|----------------------|
| AR – Arkansas | MI – Michigan |
| AZ – Arizona | MN – Minnesota |
| CA – California | MT – Montana |
| CO – Colorado | NM – New Mexico |
| DC – District of Columbia | OH – Ohio |
| FL – Florida | PA – Pennsylvania |
| IA – Iowa | TX – Texas |
| KS – Kansas | VA – Virginia |
| LA – Louisiana | VT – Vermont |
| MA – Massachusetts | WI – Wisconsin |
| MD – Maryland | ON – Ontario, Canada |

Clear Driver License Data *

STEP	ACTION	DISPLAY
1.	From the idle prompt press the [FUNC] key the same time as pressing the number key for the DL Verification function.	
2.	Press [REVIEW] to list the available functions.	
3.	Press [4] to Clear DL Data.	
4.	The data will be cleared.	
5.	Stop.	

Quick Service Payment

INFORMATION QSP is used in Fast Food Restaurants, Parking Garages and Motion Picture Theaters (Cinemas). This allows the acceptance of credit cards as the payment method without requiring authorization, receipts or signatures. QSP supports swiped transactions only; manual entry transactions are processed in the normal manner. This means that manual entry transactions will contact the host for authorization and will print a receipt with a signature line. Credit Card sales and voids are the only transaction types supported by QSP.



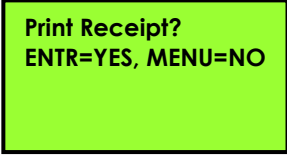
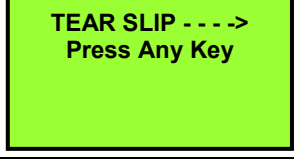
A Floor Limit can be specified for each function (authorization, receipt and signature) for each card type to be processed. This must be specified in the file built for the specific terminal and downloaded into the terminal. QSP Mode information is printed on the Print Setup Report.

This function is available only when Gensar/Paymentech is the Host Processor and the capture type is terminal based.

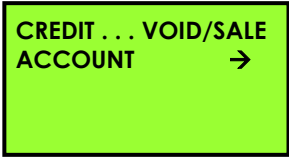
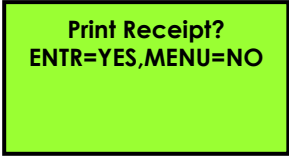
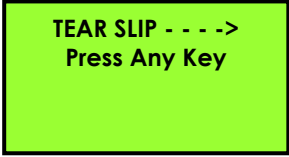
Please review the following chart for default Floor Limits:

CARD TYPE	MERCHANT CATEGORY	DEFAULT FLOOR LIMIT
MASTER CARD	Fast Food Restaurant	\$25.00
MASTER CARD	Parking Garage	\$50.00
MASTER CARD	Cinema	\$35.00
VISA	Restaurant (all types)	\$25.00
VISA	Cinema	\$25.00
VISA	Parking Garage/Lot	\$75.00 for Authorization \$150.00 for Signature and \$25.00 for Receipt

Processing a QSP Sale

STEP	ACTION	DISPLAY
1.	Be sure the terminal is at the Idle Prompt	
2.	Swipe the credit card .	
3.	Input the dollar amount of the transaction without a decimal point and press [ENTER]	
4.	If	Then
	The transaction amount is less than the authorization floor limit:	The Host Processor will not be contacted for authorization.
	The transaction amount is greater than the auth. floor limit:	The terminal will contact the Host for authorization.
5.	If	Then
	The transaction amount is less than the receipt floor limit:	The terminal will display a “Print Receipt?” prompt (see step #6).
	The transaction amount is greater than the floor limit:	A receipt will be printed.
6.	Press [ENTER] to print a receipt or [MENU/ESC] for no receipt.	
7.	If	Then
	The transaction amount is less than the signature floor limit:	The receipt will not have a signature line.
	The transaction amount is greater than the signature floor limit:	The receipt will have a signature line.
8.	Press any key for second receipt to print.	
9.	Stop.	


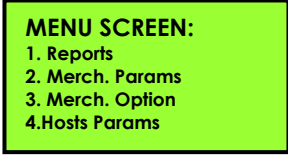
Voiding a QSP Sale

STEP	ACTION	DISPLAY						
1.	From the Idle prompt press [VOID] until the display identifies a Void/Sale. (See right →)							
2.	Swipe the credit card or key in the account number and expiration date manually.							
3.	Input the dollar amount to be voided then press [ENTER] .							
4.	<table border="1"> <thead> <tr> <th>If</th> <th>Then</th> </tr> </thead> <tbody> <tr> <td>The transaction amount is less than the receipt floor limit:</td> <td>The terminal will display a “Print Receipt?” prompt (see step #5).</td> </tr> <tr> <td>The transaction amount is greater than the floor limit:</td> <td>A receipt will be printed.</td> </tr> </tbody> </table>		If	Then	The transaction amount is less than the receipt floor limit:	The terminal will display a “Print Receipt?” prompt (see step #5).	The transaction amount is greater than the floor limit:	A receipt will be printed.
	If	Then						
The transaction amount is less than the receipt floor limit:	The terminal will display a “Print Receipt?” prompt (see step #5).							
The transaction amount is greater than the floor limit:	A receipt will be printed.							
5.	Press [ENTER] to print a receipt or [MENU/ESC] for no receipt.							
6.	<table border="1"> <thead> <tr> <th>If</th> <th>Then</th> </tr> </thead> <tbody> <tr> <td>The transaction amount is less than the signature floor limit:</td> <td>The receipt will not have a signature line.</td> </tr> <tr> <td>The transaction amount is greater than the signature floor limit:</td> <td>The receipt will have a signature line.</td> </tr> </tbody> </table>		If	Then	The transaction amount is less than the signature floor limit:	The receipt will not have a signature line.	The transaction amount is greater than the signature floor limit:	The receipt will have a signature line.
	If	Then						
The transaction amount is less than the signature floor limit:	The receipt will not have a signature line.							
The transaction amount is greater than the signature floor limit:	The receipt will have a signature line.							
7.	Press any key for second receipt to print.							
8.	Stop.							

Menu Options

INFORMATION The NURIT 8320 has a menu with several options that control some of the terminal’s basic operational functions. The menu is divided into main menus and sub-menus that can be accessed by pressing the **[MENU]** key.

Accessing the Main Menu

STEP	ACTION	DISPLAY
1.	From the Idle Prompt press the [MENU/ESC] key.	
2.	Use the [▲] and [▼] keys to scroll through the options then Press [ENTER] to select. <p style="text-align: center;"><i>OR</i></p> Press the number on the keypad that corresponds with your selection.	

1. Reports

The first menu in the NURIT 8320 is the Report Menu, which generates ten different types of reports:

- | | |
|-------------------------|---|
| MENU DESCRIPTION | <input type="checkbox"/> Default Report <input type="checkbox"/> Current Report <input type="checkbox"/> History Report <input type="checkbox"/> Display Transactions
<input type="checkbox"/> Receipt Copy <input type="checkbox"/> Performance <input type="checkbox"/> Tip Report <input type="checkbox"/> Report Setup
<input type="checkbox"/> RAM DISK Report * <input type="checkbox"/> Communication Log Report * |
|-------------------------|---|


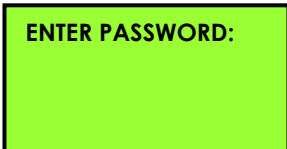
***NOTE:** These features are available with POS_PLUS application only.

REPORT TYPES You will be prompted in certain Report sub-menus to choose a report type. Below is a list of report types and their definitions.

REPORT	DEFINITION
Condensed Report	This type of report will print the transaction number, card type, transaction type, last four digits of the account number, and the amount of the sale.
Short Report	This type of report will print the transaction type and the amount of the sale.
Journal Report	This type of report will print a full copy of each transaction.
Totals Only	This type of report will print daily totals only.

Print the Default Report

FUNCTION DESCRIPTION This is a customized report of the terminal's daily transactions, which has set defaults from the Current Report (see Current Report on the following page).

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [ENTER] <i>OR</i> Press [1] to access the Reports Menu	
2.	Input the Password and press [ENTER].	
3.	From the Reports Menu Press [ENTER] <i>OR</i> Press [1] to select Default Report	
4.	Stop.	

Print the Current Report

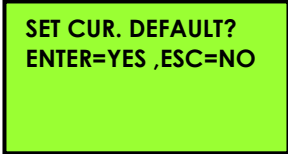
FUNCTION DESCRIPTION

Current report will print the terminal's daily transactions, and can be customized with specific options. This is where the Default Report is set.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [1] to access the Reports Menu. Input the Password and Press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>MENU SCREEN:</p> <ul style="list-style-type: none"> 1. Reports 2. Merch. Params 3. Merch. Option 4.Hosts Params </div>
2.	Press [2] to select Current Report	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>REPORTS:</p> <ul style="list-style-type: none"> 1.Default Report 2.Current Report 3.History Report 4.Display Trans. </div>
3.	Use the [▲] and [▼] keys to scroll through the Report Type options then Press [ENTER] to select. <u>OR</u> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>CUR. REPORT TYPE</p> <ul style="list-style-type: none"> 1. Condensed Rpr 2. Short Report 3. Journal Report 4.TOTALS ONLY </div>
4.	Use the [▲] and [▼] keys to scroll through the EDC Type options then Press [ENTER] to select. <u>OR</u> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>CHOOSE EDC TYPE</p> <ul style="list-style-type: none"> 1.ALL 2.CREDIT 3.DEBIT 4.EBT </div>
5.	Use the [▲] and [▼] keys to scroll through the Card Type options then Press [ENTER] to select. <u>OR</u> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>ENTER CARD TYPE</p> <ul style="list-style-type: none"> 1.ALL 2.VISA 3.MasterCard 4.AMEX </div>
6.	Use the [▲] and [▼] keys to scroll through the Transaction Type options then Press [ENTER] to select. <u>OR</u> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>SORT METHOD:</p> <ul style="list-style-type: none"> 1. BY TRANS # 2. BY CARD TYPE </div>
7.	Use the [▲] and [▼] keys to scroll through Sorting Options then Press [ENTER] to select. <u>OR</u> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>CHOOSE TRAN. TYP</p> <ul style="list-style-type: none"> 1.ALL 2.SALE 3.FORCED 4.VERIFY </div>

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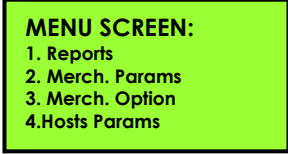

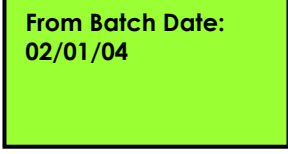
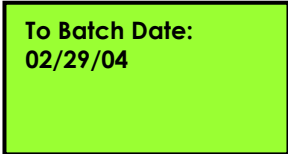
Print the Current Report, Continued

STEP	ACTION	DISPLAY						
8.	<table border="1"> <tr> <td>To</td> <td>Then</td> </tr> <tr> <td>Save this as your default report</td> <td>Press [ENTER]</td> </tr> <tr> <td>Keep your current default setting</td> <td>Press [MENU/ESC]</td> </tr> </table>	To	Then	Save this as your default report	Press [ENTER]	Keep your current default setting	Press [MENU/ESC]	
	To	Then						
	Save this as your default report	Press [ENTER]						
Keep your current default setting	Press [MENU/ESC]							
9. Stop.								

Print History Reports


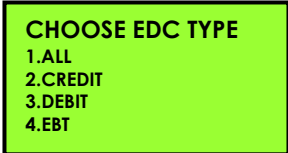
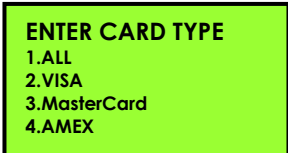
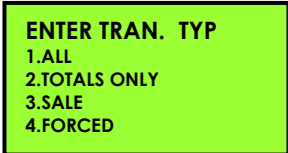
FUNCTION DESCRIPTION

This report will allow you to print previous batch totals from the last 30 days. You can print a total report of several batches, or you can print a report showing totals per batch.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [1] to access the Reports Menu. Input the Password and press [ENTER].	
2.	Press [3] to select History Report	
3.	Using the numeric keypad input the batch date you would like the report to begin with - Then Press [ENTER]	
4.	Using the numeric keypad input the batch date you would like the report to end with - Then Press [ENTER]	

Continued on next page

Print History Reports, Continued

STEP	ACTION	DISPLAY
5.	Use the [▲] and [▼] keys to select if you would like the report by Total or Per Batch then Press [ENTER] <i>OR</i> Press the number corresponding with your selection	 <p>HISTORY REPORTS 1.Total 2.Per Batch</p>
6.	Use the [▲] and [▼] keys to scroll through the EDC Type options then Press [ENTER] to select. <i>OR</i> Press the number corresponding with your selection	 <p>CHOOSE EDC TYPE 1.ALL 2.CREDIT 3.DEBIT 4.EBT</p>
7.	Use the [▲] and [▼] keys to scroll through the Card Type options then Press [ENTER] to select. <i>OR</i> Press the number corresponding with your selection	 <p>ENTER CARD TYPE 1.ALL 2.VISA 3.MasterCard 4.AMEX</p>
8.	Use the [▲] and [▼] keys to scroll through the Transaction Type options then Press [ENTER] to select. <i>OR</i> Press the number corresponding with your selection	 <p>ENTER TRAN. TYP 1.ALL 2.TOTALS ONLY 3.SALE 4.FORCED</p>
9.	Stop.	

Display Transactions

FUNCTION DESCRIPTION

This option will allow you to view daily transactions on the terminal display using several methods. **FORCED** will scroll down through the available transactions. **CLEAR** will void the current transaction. **COPY** will print a copy of the receipt.

STEP	ACTION	DISPLAY										
1.	From the Main Menu press [1] to access the Reports Menu. Input the Password and press [ENTER].	MENU SCREEN: 1.Reports 2.Merch Params 3.Merch Option 4.Hosts Params										
2.	Press [4] to select Display Transaction	REPORTS: 1.Default Report 2.Current Report 3.History Report 4.Display Trans										
3.	Use the [▲] and [▼] keys to select the method you would like to view the transaction then press [ENTER]. <i>OR</i> Press the number corresponding with your selection	Display Trans. 1.Scroll All 5.By Trans. # 6.By Card Type 7.By Card Num.										
4.	Use the [▲] and [▼] keys to scroll through the EDC Type options then Press [ENTER] to select. <i>OR</i> Press the number corresponding with your selection	CHOOSE EDC TYPE 2.CREDIT 3.DEBIT 4.EBT 5.CHECK										
5.	<table border="1"> <thead> <tr> <th>If</th> <th>Then</th> </tr> </thead> <tbody> <tr> <td>You selected to scroll through all transaction</td> <td>The first transaction will show on the display.</td> </tr> <tr> <td>You selected to view by Transaction #</td> <td>You will be prompted to input the Transaction #</td> </tr> <tr> <td>You selected to view by Card Type</td> <td>You will be prompted to select a card type</td> </tr> <tr> <td>If you selected to view by Card Number</td> <td>You will be prompted to enter the last four digits of the card number.</td> </tr> </tbody> </table>	If	Then	You selected to scroll through all transaction	The first transaction will show on the display.	You selected to view by Transaction #	You will be prompted to input the Transaction #	You selected to view by Card Type	You will be prompted to select a card type	If you selected to view by Card Number	You will be prompted to enter the last four digits of the card number.	
If	Then											
You selected to scroll through all transaction	The first transaction will show on the display.											
You selected to view by Transaction #	You will be prompted to input the Transaction #											
You selected to view by Card Type	You will be prompted to select a card type											
If you selected to view by Card Number	You will be prompted to enter the last four digits of the card number.											
6.	Stop.											

Receipt Copy

FUNCTION DESCRIPTION This option will print a copy of the last or any transaction. If any function was Processed after the transaction, the last transaction cannot be printed. The **ALPHA/COPY** key Processes the same function.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [1] to access the Reports Menu. Input the Password and press [ENTER].	MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params
2.	Press [5] to select Receipt Copy The last receipt will begin printing.	REPORTS 2.Current Report 3. History Report 4. Display Trans 5. Receipt Copy
3.	Use the [▲] and [▼] keys to select if you would like Visa and MasterCard printing together or separately then press [ENTER]. <i>OR</i> Press the number corresponding with your selection	RECEIPT COPY: 1.Last Cust. Rcpt 2.Any Receipt 3.Last Mrch. Rcpt
4.	Stop.	

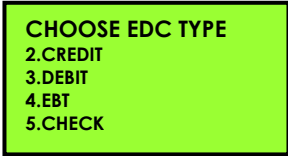
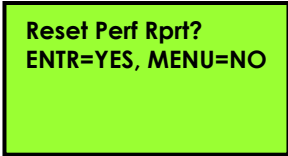
Print Performance Report

FUNCTION DESCRIPTION This option will print a report listing the percentages of denials, approvals, swipes, manual entries, etc.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [1] to access the Reports Menu. Input the Password and press [ENTER].	MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params
2.	Press [6] to select Performance	REPORTS: 3.History Report 4.Current Report 5.Receipt Copy 6.Performance

Continued on next page.

Print Performance Report, Continued

STEP	ACTION	DISPLAY						
3.	Use the [▲] and [▼] keys to scroll through the EDC Type options then Press [ENTER] to select. <i>OR</i> Press the number corresponding with your selection	 <p>CHOOSE EDC TYPE 2.CREDIT 3.DEBIT 4.EBT 5.CHECK</p>						
4.	The Performance Report will print. <table border="1" data-bbox="250 684 894 974"> <thead> <tr> <th>To</th> <th>Then</th> </tr> </thead> <tbody> <tr> <td>Reset the Performance Report</td> <td>Press [ENTER] *You will be prompted to input your password</td> </tr> <tr> <td>Keep the Default Report data</td> <td>Press [MENU/ESC]</td> </tr> </tbody> </table>	To	Then	Reset the Performance Report	Press [ENTER] *You will be prompted to input your password	Keep the Default Report data	Press [MENU/ESC]	 <p>Reset Perf Rprt? ENTR=YES, MENU=NO</p>
To	Then							
Reset the Performance Report	Press [ENTER] *You will be prompted to input your password							
Keep the Default Report data	Press [MENU/ESC]							
5.	Stop.							

Tip Report

FUNCTION DESCRIPTION

This option will print a report that provides tip detail by server number.

STEP	ACTION	DISPLAY						
1.	From the Main Menu press [1] to access the Reports Menu. Input the Password and press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>						
2.	<p style="text-align: center;">Press [7] to select Tip Report.</p>	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> REPORTS 4.Display Trans 5.Receipt Copy 6.Performance 7.Tip Report </div>						
3.	Use the [▲] and [▼] keys to scroll through the EDC Type options then Press [ENTER] to select. <u>OR</u> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> CHOOSE EDC TYPE 1.ALL 2.CREDIT 3.DEBIT 4.EBT </div>						
4.	Use the [▲] and [▼] keys to scroll through the Card Type options then Press [ENTER] to select. <u>OR</u> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER CARD TYPE 1.ALL 2.VISA 3.MasterCard 4.AMEX </div>						
5.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">To</th> <th style="width: 50%; text-align: center;">Then</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Save this as your default report</td> <td style="text-align: center;">Press [ENTER]</td> </tr> <tr> <td style="text-align: center;">Keep your current default setting</td> <td style="text-align: center;">Press [MENU/ESC]</td> </tr> </tbody> </table>	To	Then	Save this as your default report	Press [ENTER]	Keep your current default setting	Press [MENU/ESC]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> SET CUR. DEFAULT? ENTER=YES ,ESC=NO </div>
To	Then							
Save this as your default report	Press [ENTER]							
Keep your current default setting	Press [MENU/ESC]							
6.	<p>Stop.</p>							

Report Set up – Printing Visa/MC Options

FUNCTION DESCRIPTION This function allows the option of having Visa and MasterCard print together (default) or separately. Report must be sorted by card type.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [1] to access the Reports Menu. Input the Password and press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>MENU SCREEN:</p> <ul style="list-style-type: none"> 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Press [8] to select Report Setup	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>REPORTS:</p> <ul style="list-style-type: none"> 5.Receipt Copy 6.Performance 7.Tip Report 8.Report Setup </div>
3.	Press [ENTER] to select 1. Vis/Mastr Set	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>Report Setup:</p> <ul style="list-style-type: none"> 1.Vis/Mastr Set 2.Tip Discount </div>
4.	Use the [▲] and [▼] keys to select if you would like Visa and MasterCard printing together or separately then press [ENTER] . <u>OR</u> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>Vis/Mastr Setup</p> <ul style="list-style-type: none"> 1.Separately 2.Together </div>
5.	Stop.	

Report Setup – Tip Discount

FUNCTION DESCRIPTION This menu option allows the tip discount percentage to be set. After the discount percentage is set, the tip discount function **must be enabled** in the tip menu.

NOTE: This function applies to Restaurant only.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [1] to access the Reports Menu. Input the Password and press [ENTER].	MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params
2.	Press [8] to select Report Setup	REPORTS: 5.Receipt Copy 6. Performance 7. Tip Report 8. Report Setup
3.	Press [2] for Tip Discount	Report Setup 1.Vis/Mastr Set 2.Tip Discount
4.	Select the card type you wish to set the tip discount for or press [1] for ALL card types	Select Card Type 1. ALL 2. VISA 3. MasterCard 4.AMEX
5.	Input the percent (%) amount then press [ENTER] *Note: Be sure whole percents are to the left of the decimal point.	Tips % Discount 0.00
6.	Stop.	

RAM Disk Report

FUNCTION DESCRIPTION A report listing the record size and maximum number of transactions for each EDC type is printed via this function.

NOTE: This feature is available with POS_PLUS application only.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [1] to access the Reports Menu. Input the Password and press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params</p> </div>
2.	Press [9] to select RAM DISK Report.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>REPORTS: 6.Performance 7. Tip Report 8. Report Setup 9. RAM DISK Report</p> </div>
3.	The RAM Disk report will be printed.	
4.	Stop.	

Communication Log Report

FUNCTION Use this function to print a communication log of the last transaction or
DESCRIPTION batch processed or to clear the log.

NOTE: This feature is available with POS_PLUS application only.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [1] to access the Reports Menu. Input the Password and press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Use the [▼] key to scroll to menu option 10. ComLog Rprt and then press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> REPORTS: 7.Tip Report 8.Report Setup 9.RAM DISK Report 10.ComLog Rprt </div>
3.	Press [1] to print the current communication log or press [2] to clear the communication log information.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ComLog Report 1.ComLog Print 2.ComLog Clear </div>
4.	Stop.	

2. Merchant Parameters

MENU DESCRIPTION

This menu contains nine different functions that can be changed manually, if necessary. They are:

- Authorization Security Level Edit Header Edit Trailer
- Set Cash EDC Merchant Fee Set Batch Time Server/Invoice
- Site ID

Authorizations – Card Type

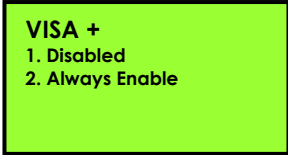
FUNCTION DESCRIPTION

This function allows specific credit card types to be enabled and disabled. For example, Visa, MasterCard, Discover, Amex, etc. can be turned off or on.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [2] to access Merchant Parameters	MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params
2.	Press [1] to access Authorization	MERCHANT PARAMS 1.Authorization 2.Security Level 3.Edit Header 4.Edit Trailer
3.	Input the Password and Press [ENTER]	ENTER PASSWORD:
4.	Press [2] to edit authorization for Card Types	AUTHORIZATION 1.Trans. Types 2.Card Types 3.Debit Prompt
5.	Use the [▲] and [▼] keys to select the Card Type then press [ENTER]. <i>OR</i> Press the number corresponding with your selection	Choose Card Typ 1.VISA + 2.MasterCard + 3.AMEX + 4.Diners +

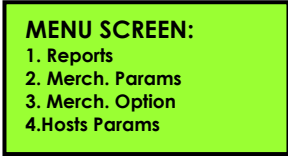

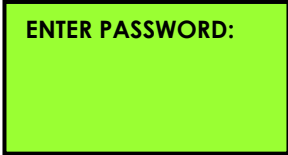
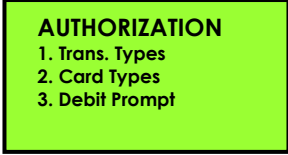
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Authorizations – Card Type, Continued

STEP	ACTION	DISPLAY
6.	Use the [▲] and [▼] keys to select Enable, Disable or Manager Only for the Card Type then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	 <p>VISA + 1. Disabled 2. Always Enable</p> <p>*A '+' indicates enabled and a '-' indicates disabled.</p>
7.	Stop.	

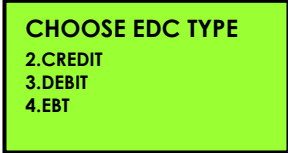
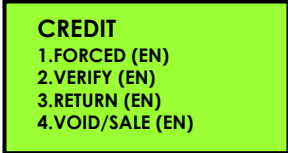
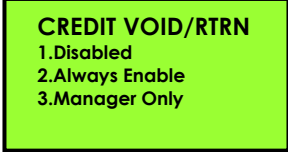
Authorizations – Transaction Type

FUNCTION DESCRIPTION This function allows specific transaction types to be enabled and disabled. For example, Voids, Returns, Forced Sales, etc. can be turned off or on.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [2] to access Merchant Parameters	 <p>MENU SCREEN: 1. Reports 2. Merch. Params 3. Merch. Option 4. Hosts Params</p>
2.	Press [1] to access Authorization	 <p>MERCHANT PARAMS 1. Authorization 2. Security Level 3. Edit Header 4. Edit Trailer</p>
3.	Input the Password and Press [ENTER]	 <p>ENTER PASSWORD:</p>
4.	Press [1] to edit authorization for Transaction Types	 <p>AUTHORIZATION 1. Trans. Types 2. Card Types 3. Debit Prompt</p>

Continued on next page

Authorizations – Transaction Type, Continued

STEP	ACTION	DISPLAY
5.	Use the [▲] and [▼] keys to scroll through the EDC Type options then Press [ENTER] to select. <u>OR</u> Press the number corresponding with your selection	
6.	Use the [▲] and [▼] keys to select the Transaction Type then press [ENTER] . <u>OR</u> Press the number corresponding with your selection	
7.	Use the [▲] and [▼] keys to select Enable, Disable or Manager Only for the Transaction Type then press [ENTER] . <u>OR</u> Press the number corresponding with your selection	
8.	Stop.	

Authorizations – Debit Prompt

FUNCTION DESCRIPTION

This function prompts the user to choose CREDIT or DEBIT when a credit card that can act as a debit card is swiped and the payment type is CREDIT.

STEP	ACTION	DISPLAY
1.	From the Main MENU SCREEN press [2] to access Merchant Parameters	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params</p> </div>
2.	Press [1] to access Authorization	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>MERCHANT PARAMS 1.Authorization 2.Security Level 3.Edit Header 4.Edit Trailer</p> </div>
3.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>ENTER PASSWORD:</p> </div>
4.	Press [3] to select Debit Prompt	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>AUTHORIZATION 1.Trans. Types 2.Card Types 3.Debit Prompt</p> </div>
5.	Press [1] to turn Debit Prompt OFF or press [2] to turn Debit Prompt ON.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>DEBIT PROMPT 1.OFF 2.ON</p> </div>
6.	Stop.	

Security Levels

FUNCTION DESCRIPTION

This option allows merchants to set security levels for the Menu, Batching, Card Security, Manual Entry of a credit card, and printing format of a credit card number.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [2] to access Merchant Parameters	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Options 4.Hosts Params </div>
2.	Press [2] to access Security Level	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCHANT PARAMS 1.Authorization 2.Security Level 3.Edit Header 4.Edit Trailer </div>
3.	Use the [▲] and [▼] keys to select the option you are editing security for and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> SECURITY SWITCH 1.Menu 2.Batch 3.Print Account 4.Secure Card </div>
4.	Use the [▲] and [▼] keys to select enable or protect the selected function then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Batch: 1.Always Enable 2.Manager Only </div>
5.	Stop.	

FUNCTION	OPTIONS
Menu	Always Enabled and Manager Only
Batch	Always Enabled and Manager Only
Print Account	Always Full, Full on Report and Always Short
Secure Card	No Security, Last 4 Digits and All Digits
Card Manual Entry (Password Protected)	Disabled and Always Enabled

Edit Header/Trailer

FUNCTION DESCRIPTION

The receipt header and trailer can be changed manually through the terminal. A specific line, character, or entire header/trailer can be changed, if needed.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [2] to access Merchant Parameters	MENU SCREEN: 1.Reports 2.Merch Params 3.Merch Option 4.Hosts Params
2.	Press [3] to Edit the Receipt Header <i>OR</i> Press [4] to Edit the Receipt Trailer	MERCHANT PARAMS 1.Authorizations 2.Security level 3.Edit Header 4.Edit Trailer
3.	Input in the text that you want printed out on the receipt.	
4.	To change the letters, first press the key then press the Alpha key to cycle through the other characters also on that key <i>For example:</i> The #2 key on the keypad also has the letters A, B and C printed on it. When you first press this key, the display will show the number 2 , by Pressing the [ALPHA] key it will cause the display to change from 2 to the letter A , Press [ALPHA] again and then it becomes a B and finally C before starting all over again back to the number 2 . Pressing another key will advance the cursor on the display to the next position.	
5.	Press [MENU/ESC] when done editing header or trailer.	
6.	Press [ENTER] to Save Changes <i>OR</i> Press [MENU/ESC] to Abort Changes	SAVE CHANGES? ENT =YES,ESC =NO
7.	Stop.	

Set Cash EDC

FUNCTION DESCRIPTION

When the function is enabled, cash will be an addition to your Payment Modes, and will record cash transactions.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [2] to access Merchant Parameters	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Press [5] to Set Cash EDC	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCHANT PARAMS 2.Security Level 3.Edit Header 4.Edit Trailer 5.Set Cash EDC </div>
3.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Press [1] to Set EDC With Cash <u>OR</u> Press [2] to Set EDC Without Cash	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> CASH EDC SET: 1.WITH CASH 2.WITHOUT CASH </div>
5.	Stop.	

Setting the Merchant Fee

FUNCTION DESCRIPTION Use this function to add a surcharge rate to a debit transaction.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [2] to access Merchant Parameters	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN 1.Reports 2.Merch Params 3.Merch Option 4.Hosts Params </div>
2.	Press [6]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCHANT PARAMS 3.Edit Header 4.Edit Trailer 5.Set Cash EDC 6.Merchant Fee </div>
3.	Input the Password and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Input Merchant Fee Amount Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Merch Fee:\$ 0.00 New Rate: 0.00 </div>
5.	Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ARE YOU SURE? ENTR=YES,MENU=NO </div>
6.	Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> On CashBack Only ENTR=YES,MENU=NO </div>
7.	Stop.	

Set Batch Time

FUNCTION DESCRIPTION

This option will allow the batch time in the terminal to be set for a specific time. This will print a batch report and will not actually dial to batch.

NOTE: Terminal capture type must be Host Based AutoBatch.





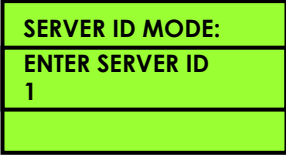
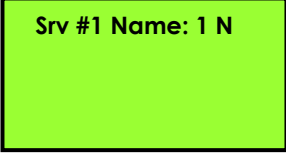
STEP	ACTION	DISPLAY
1.	From the Main Menu press [2] to access Merchant Parameters	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Press [7]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCHANT PARAMS 4.Edit Trailer 5.Set Cash EDC 6.Merchant Fee 7.Set Batch Time </div>
3.	Input the Password and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Input the desired time in military time and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> SET BATCH TIME HH:MM. </div>
5.	Stop.	

Server ID/Clerk ID/Invoice Mode

FUNCTION DESCRIPTION

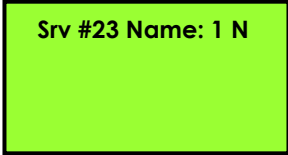
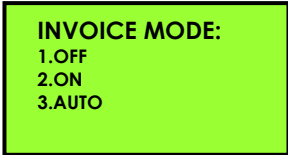
This will allow the terminal to prompt for a server/clerk ID, invoice number, or both. For Retail terminals with no Tip active, the function is Clerk ID. For a Retail terminal with at least one Tip active or a Restaurant terminal, the function is Server ID.

If Server/Clerk ID Mode is activated, up to 100 ID/name designations can be entered and stored in the terminal. When storing the number/name designations, the server numbers are restricted to from 1 to 100.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [2] to access Merchant Parameters	
2.	Press [8]	
3.	Input the Password and press [ENTER]	
4.	Use the [▲] and [▼] keys to highlight <i>OFF</i> or <i>ON</i> and then press [ENTER] . <u>OR</u> Press the number corresponding with your selection	 <p>NOTE: Display will reflect Retail or Restaurant configuration.</p>
5.	Enter the number for the first server number/name designation to be saved then press [ENTER] . <u>OR</u> Press [MENU/ESC] to bypass.	
6.	Enter the server name using the same method as editing the header information (maximum 19 characters). Press [ENTER] when name is complete.	

Continued on next page.

Server ID/Invoice, Continued

STEP	ACTION	DISPLAY
7.	When all of the server names have been entered, press [MENU/ESC] to accept the entered names and continue to Invoice Mode.	
8.	Use the [▲] and [▼] keys to highlight <i>OFF</i> , <i>ON</i> , or <i>AUTO</i> and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	
9.	<i>Note: In the Restaurant application, there are two more options after Invoice, Table Mode and Guest #'s.</i>	
10.	Stop.	

Site ID

FUNCTION DESCRIPTION This option is used mainly for programming purposes, it allows customer service to view, or change the terminal number.

STEP	ACTION	DISPLAY
1.	From the Main MENU SCREEN press [2] to access Merchant Parameters	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Repor 3.Merch. Option 4.Hosts Params </div>
2.	Press [9] to access Site ID	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCHANT PARAMS 6.Merchant Fee 7.Sef Batch Time 8. Svr/Clrk/Invoice 9. Site ID </div>
3.	The UNIQUE and current Site ID used to program the terminal will display. Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> CHANGE SITE ID? 0000100 </div>
4.	Input the Password and press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
5.	Enter the new Site ID then press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Enter Site ID </div>
6.	Stop.	

3. Merchant Options

This Main Menu has ten options that can be enabled or disabled, manually through the terminal. They are:

- | | | | | |
|-------------------------|--|---|---|---|
| MENU DESCRIPTION | <input type="checkbox"/> Paper Type | <input type="checkbox"/> No-Paper Mode | <input type="checkbox"/> Buzzer Set | <input type="checkbox"/> Operation Mode |
| | <input type="checkbox"/> Battery Saver | <input type="checkbox"/> Print Disclaimer | <input type="checkbox"/> Set Menu Type | <input type="checkbox"/> Set Halo |
| | <input type="checkbox"/> Print Set Up | <input type="checkbox"/> Store & Forward | <input type="checkbox"/> Check Reader | <input type="checkbox"/> Sign Option * |
| | <input type="checkbox"/> Bridge Comm * | | <input type="checkbox"/> Language Setup * | |

***NOTE:** These features are available with the POS_PLUS application only.

Paper Type

FUNCTION DESCRIPTION This option sets the paper type to single ply, double ply, or customized. Single ply prints two receipts (for credit by default, also for debit and EBT if specified in the terminal file), double ply prints one receipt (with account truncation) and customized prints two receipts for all payment modes.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Host Params </div>
2.	Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS: 1.Paper Type 2.No-Paper Mode 3.Buzzer Set 4.Operation Mode </div>
3.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER]. <i>OR</i> Press the number corresponding with your selection.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> PAPER TYPE: 1.Single Ply 2.Double Ply 3.Customized </div>
4.	Stop.	

No Paper Mode

FUNCTION DESCRIPTION This option disables the printer and will not print a receipt for any transaction.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Host Params </div>
2.	Press [2]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS: 1.Paper Type 2.No-Paper Mode 3.Buzzer Set 4.Operation Mode </div>
3.	Input the Password and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER]. <i>OR</i> Press the number corresponding with your selection.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> NO PAPER MODE: 1.OFF 2.ON 3.AUTO </div>
5.	The terminal will display: Are You Sure? ENTER=Yes, MENU=No. Make your selection.	
6.	Stop.	

Buzzer Set

FUNCTION DESCRIPTION Enables or disables tone when performing certain terminal functions.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Host Params </div>
2.	Press [3]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS: 1.Paper Type 2.No-Paper Mode 3.Buzzer Set 4.Operation Mode </div>
3.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER] . <u>OR</u> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> BUZZER SET: 1.OFF 2.ON </div>
4.	Stop.	

Operation Mode

FUNCTION DESCRIPTION

This option allows the terminal to be set at two different modes, Normal or Demo (Demo mode for training; Normal mode for live transactions). If the terminal is set in Demo mode for training purposes, **revert back** to **Normal** mode for **live** transactions.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Host Params </div>
2.	Press [4]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS: 1.Paper Type 2.No-Paper Mode 3.Buzzer Set 4. Operation Mode </div>
3.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> OPERATION MODE: 1. Normal Mode 2. Demo Mode </div>
4.	Press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ARE YOU SURE? ENTR=YES,MENU=NO </div>
5.	Stop.	

Battery Saver

FUNCTION DESCRIPTION This menu sets auto shut-off to save the battery (models with back-up battery only).

STEP	ACTION	DISPLAY
1.	From the Main Menu press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Host Params </div>
2.	Press [5]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS: 2.No-Paper Mode 3.Buzzer Set 4.Operation Mode 5.Battery Saver </div>
3.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER] . <u>OR</u> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> BATTERY SAVER ~ON: 1.Off 2.Auto Off Only </div>
4.	Stop.	

Print Disclaimer

This option will print the following statement at the end of a credit card transaction:

FUNCTION DESCRIPTION

“I AGREE TO PAY ABOVE TOTAL AMOUNT ACCORDING TO CARD ISSUER AGREEMENT (MERCHANT AGREEMENT IF CREDIT VOUCHER).”

STEP	ACTION	DISPLAY
1.	From the Main Menu press [3] to access Merchant Options	MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params
2.	Press [6]	MERCH. OPTIONS: 3.Buzzer Set 4.Operation Mode 5.Battery Saver 6.Pr Disclaimer
3.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	CHOOSE EDC TYPE 2.CREDIT 3.CHECK
4.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	PRT DSCMR1 MOD 1.OFF 2.ON
5.	Note: If Check was EDC type selected: Use the [▲] and [▼] keys to highlight your selection and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	PRT SIGN. MOD 1.OFF 2.ON
6.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	PRT DSCMR1 MOD 1.OFF 2.ON
7.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	PRT DSCMR2 MOD 1.OFF 2.ON
8.	Stop.	

Set Menu Type

FUNCTION DESCRIPTION The menu in the terminal can be set to scroll automatically, or manually.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Press [7]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS: 4.Operation Mode 5.Battery Saver 6.Prt Disclaimer 7.Set Menu Type </div>
3.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> CHOOSE MENU TYPE 1.Auto Scroll 2.Manual Scroll </div>
4.	Note: If auto scroll is selected the terminal will prompt you for scroll speed (1-9). Type in a speed and press [ENTER].	
5.	Stop.	

Set Halo

FUNCTION DESCRIPTION This option sets a limit that the cashier should not exceed for sales, refunds, and/or cash back.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [3] to access Merchant Options	MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params
2.	Press [8]	MERCH. OPTIONS: 5.Battery Saver 6.Prt Disclaime 7.Set Menu Type 8.Set Halo
3.	Input the Password and press [ENTER]	ENTER PASSWORD:
4.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection Note: If option 2 is selected continue with step 5.	HALO FOR SALE: 1.OFF 2.ON
5.	Input the maximum amount for a sale then press [ENTER] .	HALO: \$0.00 NEW RATE: \$0.00
6.	Repeat steps 4 and 5 for Return Halo and Cash Back Halo.	HALO FOR RETURN: 1.OFF 2.ON
7.	Stop.	

Print Set Up

FUNCTION DESCRIPTION This option will print a setup report. It will show all the options that have been turned on for the terminal.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>MENU SCREEN 1.Reports 2.Merch Params 3.Merch Option 4.Hosts Params</p> </div>
2.	Press [9]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>MERCH. OPTIONS 6.Prt Disclaimer 7.Sef Menu Type 8.Sef Halo 9.Print Setup</p> </div>
3.	Input the Password and press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>ENTER PASSWORD:</p> </div>
4.	Stop.	

Store & Forward

FUNCTION DESCRIPTION Store & Forward (Offline Mode) will give the following six different options:

- Mode Select
- Display Transactions
- Reports
- Upload Transactions
- Resend Failed
- Delete Failed

Turning Store & Forward On/Off

STEP	ACTION	DISPLAY
1.	From the Main MENU SCREEN press [3] to access Merchant Options	MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params
2.	Use the [▼] key to scroll to menu option 10. Store & Forward and then press [ENTER] .	MERCH. OPTIONS: 7.Set Menu Type 8.Set Halo 9.Print Setup 10.Store&Forward
3.	Input the Password and press [ENTER]	ENTER PASSWORD:
4.	Press [1] for Store & Forward On/Off	STORE& FORWARD 1.S&F On/Off 2.Mode Select 3.Display Trans 4.Reports
5.	If S&F mode is ON, [ENTER] will turn it OFF. If S&F mode is OFF, [ENTER] will turn it ON.	Store & Forward Switch OFF?
6.	Stop.	

Mode Select

STEP	ACTION	DISPLAY
1.	From the Main Menu press [3] to access Merchant Options	MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params
2.	Use the [▼] key to scroll to Highlight menu option 10. Store & Forward and then press [ENTER] .	MERCH. OPTIONS: 7.Set Menu Type 8.Set Halo 9.Print Setup 10.Store&Forward
3.	Input the Password and press [ENTER]	ENTER PASSWORD:
4.	Press [1] for Mode Select	STORE & FORWARD 1. S&F On/Off 2. Mode Select 3. Display Trans 4.Reports
5.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	MODE SELECT 1. Stay Online 2. Stay Offline 3. Off Until Btch 4.OfflineOnDmnd Note: See list of definitions below
6.	Stop.	

OPTION	DEFINITION
Stay Online	The Terminal will process transactions only via radio/CDPD signal or phone line
Stay Offline	The Terminal will process transactions via Offline only; it will not look for signal or phone line.
Off Until Batch	The Terminal will process transactions via Offline only. When the [BATCH] key is pressed, the terminal will switch to Online and transmit all the transactions.
Offline On Demand	Terminal will process via Offline. If no radio/CDPD signal is obtained, and no phone line is connected, the terminal will prompt: RETRY OR PROCESS OFFLINE?

Display Offline Transactions

FUNCTION Allows you to view “STORED”, or “FAILED” transactions, by transaction# and server# (if option is being used).
DESCRIPTION

STEP	ACTION	DISPLAY
1.	From the Main Menu press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Use the [▼] key to scroll to Highlight Menu Option 10. Store & Forward and then press [ENTER] .	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS 7.Set menu Type 8.Set Halo 9.Print Setup 10.Store&Forward </div>
3.	Input the Password and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Press [3]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> STORE&FORWARD 1.S&F On/Off 2.Mode Select 3.Display Trans. 4.Reports </div>
5.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> DISPLAY TRANS. 1.Scroll All 4.By Server # 5.By Trans. # </div> <p>Note: Display will change with Setup.</p>
6.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> CHOOSE DATABASE 1.STORED 2.FAILED </div>
7.	Use the [▲] and [▼] keys to scroll up and down through the transactions.	
8.	Stop.	

Reports – Store & Forward

FUNCTION There are three options for Store & Forward Reports:
DESCRIPTION 1. Print Status 2. Print Offline 3. Print Failed

STEP	ACTION	DISPLAY
1.	From the Main Menu press [3] to access Merchant Options.	MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params
2.	Use the [▼] key to scroll down to Highlight Menu Option 10. Store & Forward and then press [ENTER] .	MERCH. OPTIONS: 7.Set Menu Type 8.Set Halo 9.Print Setup 10.Store&Forward
3.	Input the Password and press [ENTER]	ENTER PASSWORD:
4.	Press [4] for Reports.	STORE&FORWARD 1.S&F On/Off 2.Mode Select 3.Display Trans. 4.Reports
5.	Use the [▲] and [▼] keys to highlight your selection and then press [ENTER] . <u>OR</u> Press the number corresponding with your selection	REPORTS: 1.Print Status 2.Print Offline 3.Print Failed
6.	Stop.	

OPTION	DEFINITION
Print Status	A print out of the terminal's status, i.e.: Offline Mode or Online Mode.
Print Offline	A report of all transactions entered into the database in Offline Mode.
Print Failed	A report of all transactions that failed and stored.

Upload Transactions

FUNCTION DESCRIPTION

This function allows you to upload all Offline transactions one by one, or all at once. If any transactions, have failed, terminal will prompt: **PRINT FAILED TRANS?**

STEP	ACTION	DISPLAY
1.	From the Main Menu press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Use the [▼] key to scroll to Highlight Menu Option 10. Store & Forward and then press [ENTER] .	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS: 7.Set Menu Type 8.Set Halo 9.Print Setup 10.Store&Forward </div>
3.	Input the Password and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Press [5] for Upload Transactions.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> STORE & FORWARD 2.Mode Select 3.Display Trans 4.Reports 5.Upload Transct </div>
5.	<p>Press [MENU/ESC] to upload individual transactions</p> <p style="text-align: center;">Or</p> <p>Press [ENTER] to upload all offline transactions</p>	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Upload Transct ONE=MENU ALL=ENT </div>
6.	Stop.	

Resend Failed Transactions

FUNCTION DESCRIPTION This function allows you to resend any failed transactions.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [3] to access Merchant Options	MENU SCREEN: 1.Reports 2. Merch. Params 3. Merch. Option 4.Hosts Params
2.	Use the [▼] key to scroll to Highlight Menu Option 10. Store & Forward and then press [ENTER] .	MERCH. OPTIONS: 7.Set Menu Type 8.Set Halo 9.Print Setup 10.Store&Forward
3.	Input the Password and press [ENTER]	ENTER PASSWORD:
4.	Press [6]	STORE&FORWARD 3.Display Trans. 4.Reports 5.Upload Transct 6.Resend Failed
5.	Stop.	

Delete Failed Transactions

FUNCTION DESCRIPTION This function allows you to Delete any failed transactions.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Use the [▼] key to scroll to Highlight Menu Option 10. Store & Forward and then press [ENTER] .	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS: 7.Set Menu Type 8.Set Halo 9.Print Setup 10.Store&Forward </div>
3.	Input the Password and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Press [7]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> STORE&FORWARD 4.Reports 5.Upload Transct 6.Resend Failed 7.Delete Failed </div>
5.	Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Delete Failed ENTR=YES,MENU=NO </div>
6.	Stop.	

Check Reader

FUNCTION DESCRIPTION This function allows you to setup the check reader or check imager.
Note: Check Imaging is supported by the POS_PLUS application only.

STEP	ACTION	DISPLAY
1.	From the Main MENU SCREEN press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Use the [▼] arrow (Forced Key) to scroll to 11. Check Reader then Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS 8.Set Halo 9.Print Setup 10.Store&Forward 11. Check Reader </div>
3.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	If a Check Reader is attached, follow steps #4 & 5. If a Check Imager is attached, skip to step #6. Be sure check reader is connected to RS-232 port via RJ45 cable then press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ChkRdr Options: 1. ChkReader Typ </div>
5.	The terminal will detect and initialize the type of Check Reader you have connected.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Detecting H/Ware please wait..... </div>
6.	Be sure check imager is connected to RS-232 port via RJ45 cable then press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ChkRdr Options: 1. ChkReader Typ </div>
7.	The terminal will detect the hardware, verify that imager is connected and possibly instruct that the RDM Imager be turned off then on.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> RDM Needs to be Turned OFF & ON </div>
8.	The Check Imager will cycle itself and switch to it's ready state.	
9.	Stop.	

Check Imager – Send Images (Bridge)

FUNCTION DESCRIPTION

This function allows you upload the check images.

Note: Check Imaging is supported by the POS_PLUS application only.

STEP	ACTION	DISPLAY
1.	From the Main MENU SCREEN press [3] to access Merchant Options	MENU SCREEN 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params
2.	Use the [▼] arrow (Forced Key) to scroll to 11. Check Reader then Press [ENTER]	MERCH. OPTIONS 8.Sef Halo 9.Print Setup 10.Store&Forward 11. Check Reader
3.	Input the Password and Press [ENTER]	ENTER PASSWORD:
4.	Press [2].	ChkRdr Options: 1. ChkReader Typ 2.Send Images 3.Clear Images 4.Setup Menu
5.	Press [ENTER].	ARE YOU SURE? ENTER=YES, MENU=NO
6.	Terminal will begin processing and sending the check images.	BRIDGE UPLOAD Preparing Image
7.	After a successful upload, delete existing images. Press [ENTER].	Delete All Imgs? ENTER=YES, MENU=NO
8.	Stop.	

Check Imager – Send Images (FTP)

FUNCTION DESCRIPTION

This function allows you upload the check images.

Note: Check Imaging is supported by the POS_PLUS application only.

STEP	ACTION	DISPLAY
1.	From the Main MENU SCREEN press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Use the [▼] arrow (Forced Key) to scroll to 11. Check Reader then Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS 8.Sef Halo 9.Print Setup 10.Store&Forward 11. Check Reader </div>
3.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Press [2].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ChkRdr Options: 1. ChkReader Typ 2.Send Images 3.Clear Images 4.Setup Menu </div>
5.	Press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ARE YOU SURE? ENTER=YES, MENU=NO </div>
6.	Terminal will begin transmitting the check images and display message when complete.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> FTP: Transmitting Please Wait . . . </div>
7.	Stop.	

Check Imager – Clear Images

FUNCTION DESCRIPTION

This function allows you delete the check images.

Note: Check Imaging is supported by the POS_PLUS application only.

STEP	ACTION	DISPLAY
1.	From the Main MENU SCREEN press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Use the [▼] arrow (Forced Key) to scroll to 11. Check Reader then Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS 8.Sef Halo 9.Print Setup 10.Store&Forward 11. Check Reader </div>
3.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Press [3].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ChkRdr Options: 1. ChkReader Typ 2.Send Images 3.Clear Images 4.Setup Menu </div>
5.	Press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ARE YOU SURE? ENTER=YES, MENU=NO </div>
6.	Terminal will delete the check images and display message when complete.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Deleting Images Please Wait . . . </div>
7.	Stop.	

Check Imager – Setup Menu (Bridge)

FUNCTION DESCRIPTION

This function accesses the FTP setup menu allowing editing of the parameters and setup configuration.

Note: Check Imaging is supported by the POS_PLUS application only.

STEP	ACTION	DISPLAY
1.	From the Main MENU SCREEN press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Use the [▼] arrow (Forced Key) to scroll to 11. Check Reader then press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS 8.Set Halo 9.Print Setup 10.Store&Forward 11. Check Reader </div>
3.	Input the Password and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Press [4].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ChkRdr Options: 1.ChkReader Type 2.Send Images 3.Clear Images 4.Setup Menu </div>
5.	Press [1] to switch communication format. Note: After switching from Bridge to FTP, the FTP Setup parameters are displayed and modifiable.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Setup Menu 1.Upload via → </div>
6.	Press [1] to switch communications to Bridge. Press [2] to switch communications to FTP. Press [MENU/ESC] to exit without change.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Upload via Bridge 1.Bridge 2.FTP </div>
7.	Stop.	

Check Imager – Setup Menu (FTP)

FUNCTION DESCRIPTION

This function accesses the FTP setup menu allowing editing of the parameters and setup configuration.

Note: Check Imaging is supported by the POS_PLUS application only.

STEP	ACTION	DISPLAY
1.	From the Main MENU SCREEN press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Use the [▼] arrow (Forced Key) to scroll to 11. Check Reader then press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS 8.Set Halo 9.Print Setup 10.Store&Forward 11. Check Reader </div>
3.	Input the Password and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Press [4].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ChkRdr Options: 1.ChkReader Type 2.Send Images 3.Clear Images 4.Setup Menu </div>
5.	Press [1] to switch communication format. Note: When switching from FTP to Bridge, the remaining Setup parameters are not applicable and will not be displayed.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Setup Menu 1.Upload via → 2.Print Setup 3.RDM Owner Code 4.RDM Merchant ID </div>
6.	Press [1] to switch communications to Bridge. Press [2] to switch communications to FTP. Press [MENU/ESC] to exit without change.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Upload via FTP 1.Bridge 2.FTP </div>
7.	Press [2] to print the FTP Setup information.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Setup Menu 1.Upload via → 2.Print Setup 3.RDM Owner Code 4.RDM Merchant ID </div>

Continued on next page.

Check Imager – Setup Menu (FTP), Continued

STEP	ACTION	DISPLAY
8.	Press [3] for the RDM Owner Code.	<div style="border: 1px solid black; padding: 5px; background-color: #90EE90;"> Setup Menu 1.Upload via → 2.Print Setup 3.RDM Owner Code 4.RDM Merchant ID </div>
9.	Enter Owner Code then press [ENTER] .	<div style="border: 1px solid black; padding: 5px; background-color: #90EE90;"> Setup Menu RDM Owner Code _____ </div>
10.	Press [4] for RDM Merchant ID.	<div style="border: 1px solid black; padding: 5px; background-color: #90EE90;"> Setup Menu 1.Upload via → 2.Print Setup 3.RDM Owner Code 4.RDM Merchant ID </div>
11.	Enter Merchant ID then press [ENTER] .	<div style="border: 1px solid black; padding: 5px; background-color: #90EE90;"> Setup Menu RDM Merchant ID _____ </div>
12.	Press [5] for FTP Phone Number.	<div style="border: 1px solid black; padding: 5px; background-color: #90EE90;"> Setup Menu 2.Print Setup 3.RDM Owner Code 4.RDM Merchant ID 5.FTP Phone # </div>
13.	Enter the FTP Phone Number then press [ENTER] .	<div style="border: 1px solid black; padding: 5px; background-color: #90EE90;"> Setup Menu FTP Phone # _____ </div>
14.	Press [6] for FTP Host Name.	<div style="border: 1px solid black; padding: 5px; background-color: #90EE90;"> Setup Menu 3.RDM Owner Code 4.RDM Merchant ID 5.FTP Phone # 6.FTP Host Name </div>
15.	Enter the FTP Host Name then press [ENTER] .	<div style="border: 1px solid black; padding: 5px; background-color: #90EE90;"> Setup Menu FTP Host Name _____ </div>

Continued on next page.

Check Imager – Setup Menu (FTP), Continued

STEP	ACTION	DISPLAY
16.	Press [7] for the FTP User ID.	<div style="border: 1px solid black; padding: 5px;"> Setup Menu 4.RDM Merchant ID 5.FTP Phone # 6.FTP Host Name 7.FTP User ID </div>
17.	Enter the FTP User ID then press [ENTER].	<div style="border: 1px solid black; padding: 5px;"> Setup Menu FTP User ID </div>
18.	Press [8] for FTP Password.	<div style="border: 1px solid black; padding: 5px;"> Setup Menu 5.FTP Phone # 6.FTP Host Name 7.FTP User ID 8.FTP Password </div>
19.	Enter the FTP Password then press [ENTER].	<div style="border: 1px solid black; padding: 5px;"> Setup Menu FTP Password </div>
20.	Press [9] for FTP Send Mode.	<div style="border: 1px solid black; padding: 5px;"> Setup Menu 6.FTP Host Name 7.FTP User ID 8.FTP Password 9.FTP Send Mode </div>
21.	Press [1] to send the images in a batch or press [2] to send the images individually.	<div style="border: 1px solid black; padding: 5px;"> FTP Send Mode 1-Batch 2-Indiv. </div>
22.	Press [10] for PPP User ID.	<div style="border: 1px solid black; padding: 5px;"> Setup Menu 7.FTP User ID 8.FTP Password 9.FTP Send Mode 10.PPP User ID </div>
23.	Enter the PPP User ID then press [ENTER].	<div style="border: 1px solid black; padding: 5px;"> Setup Menu PPP User ID </div>

Continued on next page.

Check Imager – Setup Menu (FTP), Continued

STEP	ACTION	DISPLAY
24.	Press [11] for PPP Password.	<div style="border: 1px solid black; padding: 5px; background-color: #e0ffe0;"> Setup Menu 8.FTP Password 9.FTP Send Mode 10.PPP User ID 11.PPP Password </div>
25.	Enter the PPP Password then press [ENTER].	<div style="border: 1px solid black; padding: 5px; background-color: #e0ffe0;"> Setup Menu PPP Password </div>
26.	Press [12] for RDM Autodial.	<div style="border: 1px solid black; padding: 5px; background-color: #e0ffe0;"> Setup Menu 9.FTP Send Mode 10.PPP User ID 11.PPP Password 12.RDM Autodial </div>
27.	Press [1] to turn Autodial or and set the parameters or press [2] to turn Autodial off.	<div style="border: 1px solid black; padding: 5px; background-color: #e0ffe0;"> Autodial is ON 1-ON , 2-OFF </div>
28.	Enter the time the Autodial process is to start then press [ENTER]. <u>Note:</u> Remember the terminal has a 24-hour clock.	<div style="border: 1px solid black; padding: 5px; background-color: #e0ffe0;"> START AT: 01:00 </div>
29.	Enter the time the Autodial process is to stop then press [ENTER].	<div style="border: 1px solid black; padding: 5px; background-color: #e0ffe0;"> STOP AT: 02:00 </div>
30.	Enter the interval time then press [ENTER].	<div style="border: 1px solid black; padding: 5px; background-color: #e0ffe0;"> START AT: AD INTERVAL (min) 10 </div>
31.	Stop.	

Check Imager – Franking

FUNCTION DESCRIPTION

Franking is marking the check with an **ELECTRONICALLY PRESENTED** message. Use the following step action table to enable/disable Franking.

Note: Not all Check Imagers support Franking.

STEP	ACTION	DISPLAY
1.	From the Main MENU SCREEN press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Use the [▼] arrow (Forced Key) to scroll to 11. Check Reader then press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS 8.Set Halo 9.Print Setup 10.Store&Forward 11. Check Reader </div>
3.	Input the Password and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Press [5].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ChkRdr Options: 2.Send Images 3.Clear Images 4.Setup Menu 5.Franking </div>
5.	Press [1] to disable Franking or [2] to enable Franking.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Franking 1.OFF 2.ON </div>
6.	Stop.	

Signature Option

FUNCTION DESCRIPTION

This option is used to detect new hardware that has been connected for signature capture, such as an e-pad.

Note: Signature Option is supported by the POS_PLUS application only.

STEP	ACTION	DISPLAY
1.	From the Main MENU SCREEN press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Use the ▼ arrow (Forced Key) to scroll to 12. Sign. Option then press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS: 9.Print Setup 10.Store&Forward 11. Check Reader 12.Sign. Option </div>
3.	Input the Password and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Be sure that an E-pad or signature capture device is connected to Com1 via RJ45 cable then press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Sign Options: 1. SignCapt. Mode </div>
5.	Press [2] to enable signature capture then press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Sign. Capt. OFF 1.OFF 2.ON </div>
6.	Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> E Pad is detected. </div>
7.	Stop.	

Clearing Signature Database

FUNCTION DESCRIPTION

This menu option will allow you to delete the stored signature images you have captured in the terminal’s memory.

STEP	ACTION	DISPLAY
1.	From the Main MENU SCREEN press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Use the ▼ arrow (Forced Key) to scroll to 12. Sign. Option then Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS 9.Print Setup 10.Store&Forward 11. Check Reader 12.Sign. Option </div>
3.	Input the Password and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Press [2] to clear signature images in the terminals database.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Sign Options: 1. SignCapt. Mode 2. Clear Sign. DB </div>
5.	Press [Enter] to continue.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ARE YOU SURE? ENTR=YES,MENU=NO </div>
6.	Stop	

Bridge Communication

FUNCTION DESCRIPTION

This menu functions allows you to set communication parameters for uploading captured images to the web via Bridge Communication.

Note: Bridge Communication is supported by the POS_PLUS application only.

STEP	ACTION	DISPLAY
1.	From the Main MENU SCREEN press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Use the ▼ arrow (Forced Key) to scroll to 13. Bridge Comm then Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS: 10.Store&Forward 11. Check Reader 12.Sign. Option 13.Bridge Comm </div>
3.	Select the appropriate communication parameter (specific to the Bridge) by pressing [ENTER] , then edit as desired.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> PARAMS (Modem) 1. Phone> 2. Via>Modem 3. Baud>2400 </div>
4.	Stop.	

Language Setup

FUNCTION DESCRIPTION This menu functions allows you to set the Display and Printer Language.
Note: Language Setup is supported by the POS_PLUS application only.

STEP	ACTION	DISPLAY
1.	From the Main MENU SCREEN press [3] to access Merchant Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Use the ▼ arrow (Forced Key) to scroll to 14. Language Setup then Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MERCH. OPTIONS: 11. Check Reader 12.Sign. Option 13.Bridge Comm 14.Language Setup </div>
3.	Press [1] to change the Display Language or [2] to change the Printer Language.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> LANGUAGE SETUP 1.Display 2.Printer </div>
4.	Press the number that corresponds with the desired language.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> CHOOSE LANGUAGE 2.ENGLISH 9.SPANISH </div>
5.	Stop.	

4. Host Parameters

This menu allows you to change host parameters, such as merchant numbers, terminal IDs, and authorization numbers. Each host has different individual parameters, and should only be changed, if advised by the processing bank, or NURIT technical support. There are five sub-menus in Host Parameters.

MENU DESCRIPTION

They are:

- Host Parameters Host Phones Print EDC Setup
- Protocol Version Autodial Setup

Host Parameters

FUNCTION DESCRIPTION

This allows you to edit merchant and/or terminal IDs for your host processor.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [4] to access Host Parameters	MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params
2.	Press [ENTER]	HOST PARAMS: 1. Hosts Params 2. Hosts Phone 3.Prnt EDC Setup 4.Protocol Ver
3.	Input the Password and press [ENTER]	ENTER PASSWORD:
4.	Use the [▲] and [▼] scroll through the different hosts. Highlight the host that you wish to edit parameters for and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	EDC PARAMETERS 1,Host Name CR 2.Host Name DB 3.Host Name CK Note: The actual Host name will appear on the display for each EDC Type.

Continued on next page

Host Parameters, Continued

STEP	ACTION	DISPLAY
5.	Use the [▲] and [▼] to scroll through the different parameters. Highlight the parameter that you wish to edit and then press [ENTER] . <i>OR</i> Press the number corresponding with your selection	<div data-bbox="1081 359 1367 510" style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Host Name Credit 1.Terminal ID 2.Merchant ID </div> <p>Note: The actual required Host Parameters will appear on the display.</p>
6.	Upon completion of all changes press [MENU/ESC]	
7.	Press [ENTER] to save the changes <i>OR</i> Press [MENU/ESC] to cancel the changes	<div data-bbox="1081 684 1367 835" style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Save Parameters? ENTER=YES,MENU=NO </div>
8.	Stop.	

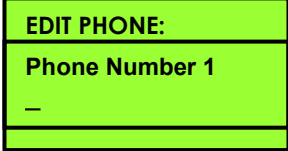

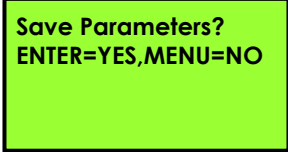
Host Phones

FUNCTION DESCRIPTION This option allows the changing of authorization phone numbers and batch phone numbers for the host processor.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [4] to access Host Parameters	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Press [2]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> HOST PARAMS: 1.Hosts Params 2.Hosts Phones 3.Prnt EDC Setup 4.Protocol Ver </div>
3.	Input the Password and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Use the [▲] and [▼] scroll through the different hosts. Highlight the host that you wish to edit phone numbers for and then press [ENTER] . <u>OR</u> Press the number corresponding with your selection.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> PHONE MENU: 1.Host Name CR 2.Host Name DB 3.Host Name CK </div> <p>Note: The actual Host name will appear on the display for each EDC Type.</p>
5.	To Edit Authorization Phone Numbers press [1] <u>OR</u> To Edit Batch Phone Numbers press [2]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> PHONE TYPE: 1.Auth. Phones: 2.Batch Phones: </div>
6.	Select which phone number you wish to edit.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> EDIT PHONE: 1.Phone # 1 2.Phone # 2 3.Phone # 3 4.Line B4 Radio </div>

Continued on next page

Host Phones, Continued

STEP	ACTION	DISPLAY
7.	Place the curser over the number you wish to edit using the [▲] and [▼] keys. <u>OR</u> Press [CLEAR] to remove the entire phone number then input the new one. Press [ENTER]	
8.	Press [MENU/ESC]	
9.	Complete all additional updates to the phone numbers.	
10.	Press [MENU/ESC] twice and you will be prompted to save your changes. Press [ENTER] to save the changes <u>OR</u> Press [MENU/ESC] to cancel the changes	
11.	Stop.	

Print EDC Set UP

FUNCTION DESCRIPTION This report prints host information such as merchant numbers, phone numbers, baud rates, and capture type.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [4] to access Host Parameters	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Press [3]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> HOST PARAMS: 1.Hosts Params 2.Hosts Phone 3.Pnt EDC Setup 4.Protocol Ver </div>
3.	Input the Password and press [ENTER] .	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Stop.	

Protocol Version

FUNCTION DESCRIPTION This displays the protocol/host version. Mainly viewed by programmers.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [4] to access Host Parameters	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Press [4]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> HOST PARAMS: 1.Hosts Params 2.Hosts Phone 3.Print EDC Setup 4.Protocol Ver </div>
3.	Select the EDC Type you would like to view the Protocol Version for.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> CHOOSE EDC TYPE 2.Credit 3. Debit 4.Check </div>
4.	Press Any Key to go back to the previous screen.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> PROTOCOL VER.0.00 Press any key... </div> <p>Note: The Actual Protocol Version will appear on the display.</p>
5.	Stop.	

Autodial Set Up

FUNCTION DESCRIPTION This menu allows you to enable and set batching autodial times and intervals.
NOTE: The Capture type must be Host Based Manual or Terminal Capture to enable the Autodial feature.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [4] to access Host Parameters	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 1.Reports 2.Merch. Params 3.Merch. Option 4.Hosts Params </div>
2.	Press [5]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> HOST PARAMS: 2.Hosts Phone 3.Prnt EDC Setup 4.Protocol Ver 5.AutoDial Setup </div>
3.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Select the Host you wish to set Autodial for. Note: You will see only as many options as hosts.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> CHOOSE HOST: 1.ALL 2.Host Name CR 3.Host Name DB </div>
5.	Select the corresponding number to turn autodial on.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> AUTODIAL SETUP: 1.OFF 2.ON </div>
6.	Input the Autodial START time and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> START AD AT: 03:00 </div>
7.	Input the Autodial STOP time and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> STOP AD AT: 04:00 </div>
8.	Input the desired autodial interval time and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> STOP AD AT: AD INTERVAL: 5 </div>
9.	Stop.	

5. System Options

This menu consists of eleven different functions that can be changed manually.

MENU DESCRIPTION

- Set Time/Date Edit PIN Key Sel. Master Key Set Batch No.
- Edit Database Working Mode Test Mode Predial Call
- PIN Pad Initialize PIN Pad Function PIN Pad Configuration

Set Terminal Time and Date

FUNCTION DESCRIPTION

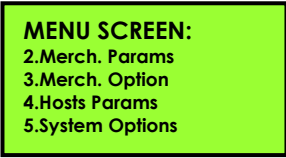
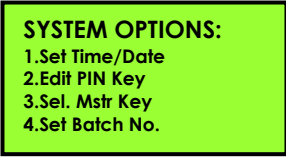
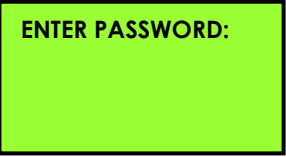
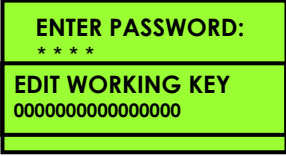
This system options allows you to set the date and time in the terminal.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [5] to access System Options	MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options
2.	Press [ENTER]	SYSTEM OPTIONS: 1. Set Time/Date 2. Edit PIN Key 3.Sel. Mstr Key 4.Set Batch No.
3.	Verify the current Time and/or Date is incorrect and press [ENTER] to edit.	05/31/2002 00:02:49
4.	Input the correct date using mm/dd/yy format	SETTING DATE MM/DD/YY
5.	Input the correct time using 24Hour/Military Format	SETTING TIME hh:mm:00
6.	Verify the date and time are now correct and press [MENU/ESC]	05/31/2002 14:02:00
7.	Stop.	

Edit PIN Key

FUNCTION DESCRIPTION

This option allows the changing or viewing of the working key for the PIN pad (access to this menu is not available without a PIN pad). The only time a change should be made in this field is if instructed by customer service.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [5] to access System Options	
2.	Press [2]	
3.	Input the Password and press [ENTER]	
4.	Place the curser over the number you wish to edit using the [▲] and [▼] keys. <i>OR</i> Press [CLEAR] to remove the entire Working Key, then input the new one.	
5.	Upon completion press [ENTER]	
6.	Stop.	

Select Master Key Location

FUNCTION DESCRIPTION

This changes the Master key location (access to this menu is not available without a PIN pad). Again, this is a field that should only be changed if instructed by customer service.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [5] to access System Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options</p> </div>
2.	Press [3]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>SYSTEM OPTIONS: 1.Set Time/Date 2. Edit PIN Key 3.Sel. Mstr Key 4.Set Batch No.</p> </div>
3.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>ENTER PASSWORD:</p> </div>
4.	Input the correct Master Key Location and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>ENTER PASSWORD:</p> <hr/> <p>MASTER LOCATION ^</p> </div>
5.	Stop.	

Set Batch Number

FUNCTION DESCRIPTION

This menu option allows the batch number to be changed, if needed. This is also a field that should only be changed when instructed by customer service. To change the batch number:

STEP	ACTION	DISPLAY
1.	From the Main Menu press [5] to access System Options	MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options
2.	Press [4]	SYSTEM OPTIONS: 1.Set Time/Date 2.Edit PIN Key 3.Sel. Mstr Key 4.Set Batch No.
3.	Input the Password and press [ENTER]	ENTER PASSWORD:
4.	Use the [▲] and [▼] scroll through the different hosts. Highlight the host that you wish to edit the batch# for and then press [ENTER] . <u>OR</u> Press the number corresponding with your selection	CHOOSE HOST: 1.Credit Host 2.Debit Host
5.	Input the New Batch # and press [ENTER]	New Batch No: 00000123
6.	Press [ENTER] to complete <u>OR</u> Press [MENU/ESC] to cancel	ARE YOU SURE? ENTER=YES,MENU=NO
7.	Stop.	

Edit Database – Void a Transaction

FUNCTION DESCRIPTION

This sub-menu has three options, Void Transaction, Clear Database and Clear Offline. Void transaction will void a transaction by the transaction number. Clear Database will delete a batch and all of the transactions in the terminal. Clear Offline will delete all the offline transactions in the terminal.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [5] to access System Options	MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options
2.	Press [5]	SYSTEM OPTIONS: 2.Edit PIN Key 3.Sel. Mstr Key 4.Set Batch No. 5.Edit Database
3.	Press [1]	EDIT DATABASE: 1.Void Transact 2.Clear Database 3.Clear Offline
4.	Select an EDC Type	CHOOSE EDC TYPE 2. CREDIT 3. CASH
5.	Input the Password and Press [ENTER]	ENTER PASSWORD:
6.	Input the transaction # to be voided. Note: A transaction can only be voided if it is from the current batch.	ENTER PASSWORD: Transaction # ? 1
7.	View the transaction on the display to verify it is the correct transaction then Press [ENTER]	#0001 SL 52.00
8.	Press [ENTER] to complete <i>OR</i> Press [MENU/ESC] to cancel	Void Trns #1? ENTER=YES,MENU=NO
9.	Stop.	

Edit Database – Clearing the Database

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [5] to access System Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options </div>
2.	Press [5]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> SYSTEM OPTIONS: 2.Edit PIN Key 3.Sel. Mstr Key 4.Set Batch No. 5.Edit Database </div>
3.	Press [2]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> EDIT DATABASE: 1.Void Transact. 2.Clear Database 3.Clear Offline </div>
4.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
5.	Press [ENTER] to continue <i>OR</i> Press [MENU/ESC] to cancel	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ARE YOU SURE? ENTER=YES,MENU=NO </div>
6.	Select EDC type you wish to clear the database for.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> CHOOSE EDC TYPE 1.ALL 2.CREDIT 3.DEBIT 4.CASH </div>
7.	Press [ENTER]	
8.	Stop.	

Edit Database – Clear Offline

STEP	ACTION	DISPLAY
1.	From the Main Menu press [5] to access System Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options </div>
2.	Press [5]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> SYSTEM OPTIONS: 2.Edit PIN Key 3.Sel. Mstr Key 4.Set Batch No. 5.Edit Database </div>
3.	Press [3]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> EDIT DATABASE: 1.Void Transact 2. Clear Database 3. Clear Offline </div>
4.	Input the Password and press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
5.	Press [ENTER] to continue <i>OR</i> Press [MENU/ESC] to cancel	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Delete Offline? ENTER=YES,MENU=NO </div>
6.	Stop.	

Working Mode

This sub-menu has four options:

- Tip Options
- AVS Options
- Card Present Options
- Comment Option

Working Mode – Tip Options

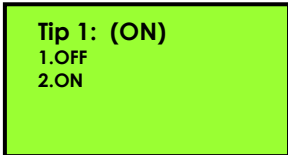
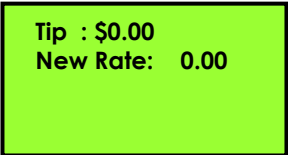
FUNCTION DESCRIPTION

This option allows you to include up to three tips per transaction. This option will also allow you to name the tip type for identification and set a default tip amount for each tip as desired. All tips will be processed during the transaction.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [5] to access System Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options </div>
2.	Press [6]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> SYSTEM OPTIONS: 3.Sel. Mstr Key 4.Sef Batch No. 5.Edit Database 6.Working Mode </div>
3.	Press [1]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> WORKING MODE: 1.Tip Options 2.AVS Options 3.Card Prsnt Opt 4.Comment Opt. </div>
4.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
5.	Use the [▲] and [▼] to scroll through tips options, find the tip that you wish to edit and then press [ENTER] . <u>OR</u> Press the number corresponding with your selection.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> TIP OPTIONS: 1.Tip 1: (ON) 2.Tip 2: (OFF) 3.Tip 3: (OFF) </div> <p>Note: The current status is displayed in parenthesis.</p>

Continued on next page

Working Mode – Tip Options, Continued.

STEP	ACTION	DISPLAY
6.	Use the [▲] and [▼] to scroll between Off and On then press [ENTER] to select.	
7.	<p>NOTE: After turning a tip option ON you will then be prompted to Edit the Tip name. To change the letters, first press the key then press the Alpha key to cycle through the other characters also on that key</p> <p><u>For example:</u></p> <p>The #2 key on the keypad also has the letters A, B and C printed on it. When you first press this key, the display will show the number 2, by Pressing the [ALPHA] key it will cause the display to change from 2 to the letter A, Press [ALPHA] again and then it becomes a B and finally C before starting all over again back to the number 2. Pressing another key will advance the cursor on the display to the next position.</p>	
8.	<p>Enter the default tip amount then press [ENTER].</p> <p style="text-align: center;"><u>OR</u></p> <p>Press [ENTER] to bypass the default tip setting.</p>	
9.	Stop.	

Working Mode – AVS Options

FUNCTION DESCRIPTION These options are used for AVS mode. AVS (Address Verification) will prompt the user for a zip code, and a street address.

There are three options for AVS:

- **OFF** – no prompt for zip code, or street address
- **ON MANUAL ONLY** – will prompt for zip code and street address on a manual entry only
- **ALWAYS** – will prompt for zip code and street address on swiped and manual entries.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [5] to access System Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MAIN MENU: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options </div>
2.	Press [6]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> SYSTEM OPTIONS: 3.Se. Mstr Key 4.Seif Batch No. 5.Edit Database 6.Working Mode </div>
3.	Press [2]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> WORKING MODE: 1.Tip Options 2.AVS Options 3.Card Prsnt Opt 4.Comment Opt. </div>
4.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
5.	Select the desired AVS Option * Note: See descriptions above	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Ask for AVS: 1.Off 2.Manual Only 3.Always </div>
6.	Press Any Key to Complete	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Check Rates With Your Bank </div>
7.	Stop.	

Working Mode – Card Present Options

FUNCTION DESCRIPTION These options are used for verifying if the card is present at the point of sale.

* There are three options for Card Present:

- **NO, IF MANUAL** – No prompt to verify card is present on a manual entry. Will prompt for zip code and street address.
- **ALWAYS YES** – No prompt to verify card is present on a manual entry. Will prompt for zip code only.
- **ASK, IF MANUAL** – Will prompt to verify card is present on a manual entry. Will prompt for zip code only if card is present **or** both zip and street address if card is not present.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [5] to access System Options	MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options
2.	Press [6]	SYSTEM OPTIONS: 3.Sel. Mstr Key 4.Set Batch No. 5.Edit Database 6.Working Mode
3.	Press [3]	WORKING MODE: 1.Tip Options 2.AVS Options 3.Card Prsnt Opt 4.Comment Opt.
4.	Input the Password and Press [ENTER]	ENTER PASSWORD:
5.	Select the desired Option *Note: See descriptions above.	Card Present: 1.No, if manual 2.Always Yes 3.Ask, if manual
6.	Press Any Key to Complete	Check Rates With Your Bank
7.	Stop.	

Working Mode – Comment Option

FUNCTION DESCRIPTION Use this option to add a one line – 24 character comment to the receipt between the signature line and the trailer.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [5] to access System Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options </div>
2.	Press [6]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> SYSTEM OPTIONS: 3.Sel. Mstr Key 4.Set Batch No. 5.Edit Database 6.Working Mode </div>
3.	Press [4]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> WORKING MODE: 1.Tip Options 2.AVS Options 3.Card Prsnt Opt 4.Comment Opt. </div>
4.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
5.	Using the method described in Editing Header, enter the 24-character comment line. Press [ENTER] when the comment has been entered.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Comment Opt. 1 N </div>
6.	Stop.	

Predial Call

FUNCTION DESCRIPTION

The terminal can be programmed to start dialing once the credit card is swiped. If pre-dial is turned off, the terminal will start dialing after entering the dollar amount. Ideally, pre-dial saves on transaction time.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [5] to access System Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options </div>
2.	Press [8]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> SYSTEM OPTIONS: 5.Edit Database 6.Working Mode 7.Test Mode 8.Predial Call </div>
3.	Select the EDC type you wish to use Predial for.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> CHOOSE EDC TYPE: 1.ALL 2.CREDIT 3.DEBIT </div>
4.	Select ON to turn Predial on for that EDC type <u>OR</u> Select OFF to turn Predial off.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> PREDIAL CALL: 1.OFF 2.ON </div>
5.	Stop.	

Pin Pad Initialization

FUNCTION DESCRIPTION This menu will allow you to set the PIN pad initialization to automatic or manual.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [5] to access System Options	MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options
2.	Press [9]	SYSTEM OPTIONS: 6.Working Mode 7.Test Mode 8.Predial Call 9.PinPad Init.
3.	Select Auto or Manual	PINPAD INIT. [1] 1.Auto 2.Manual
4.	Stop.	

Pin Pad Function

FUNCTION DESCRIPTION This menu gives the option to manually encrypt for the internal PIN Pad.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [5] to access System Options	MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options
2.	Using the [▼] key scroll down to option # 10. Pin Pad Function then press [ENTER] .	SYSTEM OPTIONS: 7.Test Mode 8.Predial Call 9.PinPad Init. 10.PinPad Func.
3.	Proceed with the regular encryption process.	← ← ← ← → → → → ← ← ← ←
4.	Stop.	

Pin Pad Configuration

FUNCTION DESCRIPTION This menu options allows the terminal to be programmed for internal PIN Pad, or an external PIN Pad

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [5] to access System Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options </div>
2.	Using the [▼] key scroll down to option # 11. Pin Pad Configuration then press [ENTER] .	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> SYSTEM OPTIONS: 8.Predial Call 9.PinPad init. 10.PinPad func. 11.PinPad config. </div>
3.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
4.	Press [1] for internal PinPad <i>OR</i> Press [2] for external PinPad	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Choose PinPad: 1- built in 2-ext. </div>
5.	Stop.	

6. Radio Params

INFORMATION At the present time, this menu is not relevant to the Nurit 8320.

7. Download

MENU DESCRIPTION This Main Menu has four sub-menus pertaining to programming and reprogramming the terminal. This should only be done under advisement of customer service. Modem downloads cannot be done via RADIO and need to be done connected to a telephone line. (LAN)

Parameters Autoload Application Only Comm. Params

Download Definitions

Parameter A parameter download is for downloading the merchant's file into the terminal. The information being downloaded is merchant specific. I.e.: Merchant ID, Terminal ID, etc.

Autoload An autoload is used to update or change the current application in the terminal in addition to downloading the merchant's parameters. I.e.: Retail to Restaurant application would require an autoload.

Application Only This option will download only the application information but not the merchant parameters.

Downloading

FUNCTION DESCRIPTION

Refer to previous page for download definitions.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [7] to access the Download Menu	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>MENU SCREEN 4.Hosts Params 5.System Options 6.Radio Params 7.Download</p> </div>
2.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>ENTER PASSWORD:</p> </div>
3.	Press [ENTER] to continue	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>ARE YOU SURE? ENTR=YES, MENU=NO</p> </div>
4.	Input the download phone number then press [ENTER] .	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>Enter Phone Num:</p> </div>
5.	Select the necessary download type then press [ENTER] . Note: See download definitions on previous page.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>Download 1.Parameters 2.Autoload 3.Applicat. Only 4.Comm. params</p> </div>
6.	The terminal will dial out, connect to the download database and the download will begin.	
7.	Stop.	

Download – Comm Parameters, Phone

FUNCTION DESCRIPTION This menu function allows you to set the communication parameters specifically for downloading the terminal.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [7] to access the Download Menu	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN 4.Hosts Params 5.System Options 6.Radio Params 7.Download </div>
2.	Input the Password and Press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
3.	Press [ENTER] to continue.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ARE YOU SURE? ENTR=YES,MENU=NO </div>
4.	Press [MENU/ESC] to edit the download phone number.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> 18661234567 ENTR=YES,MENU=NO </div>
5.	Input the desired phone number for the download then Press [ENTER].	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Enter Phone Num 18661234567 </div>
6.	Press [MENU/ESC] to return to the Download menu.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Download 1. Parameters 2. Autoload 3. Applicat. Only 4.Comm. params </div>
7.	Stop.	

Download – Comm Parameters, Exchange Prefix

FUNCTION DESCRIPTION

This menu function allows you to set a dialing prefix specifically for dialing out to download only.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [7] to access the Download Menu	<div style="border: 1px solid black; padding: 5px;"> MENU SCREEN 4.Hosts Params 5.System Options 6.Radio Params 7.Download </div>
2.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; padding: 5px;"> ENTER PASSWORD: </div>
3.	Press [ENTER] to continue	<div style="border: 1px solid black; padding: 5px;"> ARE YOU SURE? ENTR=YES,MENU=NO </div>
4.	Press [ENTER] to continue	<div style="border: 1px solid black; padding: 5px;"> 18661234567 ENTR=YES,MENU=NO </div>
5.	Press [4] for Communication Parameters	<div style="border: 1px solid black; padding: 5px;"> Download 1.Parameters 2.Autoload 3. Applicat. Only 4. Comm. params </div>
6.	Press [2] and then press [ENTER] for Exchange Prefix	<div style="border: 1px solid black; padding: 5px;"> Connect (Modem) 1. Phone>1866123 2. Prefix> 3. Via>Modem 4.Baud>2400 </div>
7.	Input the desired exchange Prefix then press [ENTER]	<div style="border: 1px solid black; padding: 5px;"> Connect (Modem) Prefix: — </div>
8.	Press [MENU/ESC] to return to the Download menu	<div style="border: 1px solid black; padding: 5px;"> Download 2.Prefix>9 3.Via>Modem 4.Baud>2400 5.Dial>Tone </div>
9.	Stop.	

Download – Comm Parameters, Via>Modem

FUNCTION DESCRIPTION This menu function allows you to switch download method. *For example: From Com1 to Modem.*

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [7] to access the Download Menu	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p style="text-align: center;">MENU SCREEN</p> <p>4.Hosts Params 5.System Options 6.Radio Params 7.Download</p> </div>
2.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p style="text-align: center;">ENTER PASSWORD:</p> </div>
3.	Press [ENTER] to continue	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p style="text-align: center;">ARE YOU SURE? ENTR=YES,MENU=NO</p> </div>
4.	Press [ENTER] to continue	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p style="text-align: center;">18661234567 ENTR=YES,MENU=NO</p> </div>
5.	Press [4] for Communication Parameters	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p style="text-align: center;">Download</p> <p>1.Parameters 2.Autoload 3.Applicat. Only 4.Comm. params</p> </div>
6.	Press [3] and then press [ENTER] for the Via setting. Note: Prompts will vary depending on current setting.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p style="text-align: center;">Connect (Modem)</p> <p>1. Phone>1866123 2. Exchange Pref. 3. Via>Modem 4.Baud>2400</p> </div>
7.	Each time ENTER is pressed the display will cycle through the available download methods. Upon the desired setting press [MENU/ESC] to return to the download menu.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p style="text-align: center;">Connect (Com1)</p> <p>3. Via>Com1 4.Baud>19200 5.Dial>Tone 6.Gateway></p> </div>
8.	Stop.	

Download – Comm Params, Baud Rate

FUNCTION DESCRIPTION

This menu function allows you to change the baud rate. (Rate that data is exchanged between terminal and receiving modem.)

STEP	ACTION	DISPLAY
1.	From the Main Menu press [7] to access the Download Menu	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>MENU SCREEN 4.Hosts Params 5.System Options 6.Radio Params 7.Download</p> </div>
2.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>ENTER PASSWORD:</p> </div>
3.	Press [ENTER] to continue	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>ARE YOU SURE? ENTR=YES,MENU=NO</p> </div>
4.	Press [ENTER] to continue	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>18661234567 ENTR=YES,MENU=NO</p> </div>
5.	Press [4] for Communication Parameters	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>Download 1.Parameters 2. Autoload 3. Applicat. Only 4. Comm. params</p> </div>
6.	<p>Press [4] and then press [ENTER] for the Baud setting.</p> <p>Note: Prompts will vary depending on current setting.</p>	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>Connect (Modem) 1. Phone>1866123 2. Exchange Pref. 3. Via>Modem 4.Baud>2400</p> </div>
7.	Each time ENTER is pressed the display will cycle through the available Baud Rates. Upon the desired setting press [MENU/ESC] to return to the download menu.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> <p>Connect (Modem) 3.Via>Modem 4. Baud>4800 5. Dial>Tone 6. Gateway></p> </div>
8.	Stop.	

Download – Comm Params, Dial>Tone

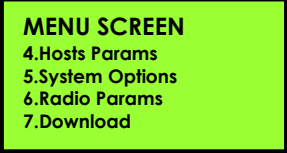

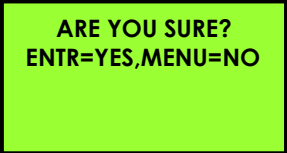
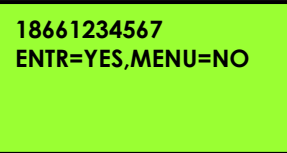

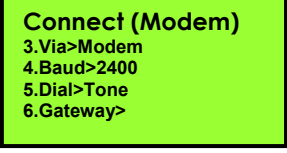
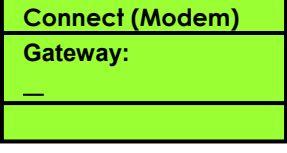
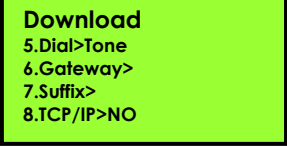
FUNCTION DESCRIPTION

This menu function is specific to the download process it enables you to switch from Dial tone to Pulse if needed.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [7] to access the Download Menu	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN 4.Hosts Params 5.System Options 6.Radio Params 7.Download </div>
2.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
3.	Press [ENTER] to continue	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ARE YOU SURE? ENTR=YES,MENU=NO </div>
4.	Press [ENTER] to continue	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> 18661234567 ENTER=YES,MENU=NO </div>
5.	Press [4] for Communication Parameters	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Download 1.Parameters 2. Autoload 3. Applicat. Only 4. Comm. params </div>
6.	Press [5] and then press [ENTER] for the Dial setting. Note: Prompts will vary depending on current setting.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Connect (Modem) 2.Prefix>9 3.Via>Modem 4.Baud>2400 5.Dial>Pulse </div>
7.	Each time ENTER is pressed the display will between Tone and Pulse. Upon the desired setting press [MENU/ESC] to return to the download menu.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Connect (Modem) 5.Dial>Tone 6.Gateway> 7.Suffix> 8.TCP/IP>NO </div>
8.	Stop.	

Download – Comm Params, Gateway>

FUNCTION DESCRIPTION This menu function allows you to set gateway communication parameters if you are downloading through a gateway.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [7] to access the Download Menu	
2.	Input the Password and Press [ENTER]	
3.	Press [ENTER] to continue	
4.	Press [ENTER] to continue	
5.	Press [4] for Communication Parameters	
6.	Press [6] and then press [ENTER] for Gateway>	
7.	Input the desired Gateway phone number then press [ENTER]	
8.	Press [MENU/ESC] to return to the Download menu	
9.	Stop.	

Download – Comm Params, Suffix

FUNCTION DESCRIPTION This menu function allows a suffix at the end of the download phone number to access an outside line.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [7] to access the Download Menu	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN 4.Hosts Params 5.System Options 6.Radio Params 7.Download </div>
2.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
3.	Press [ENTER] to continue	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ARE YOU SURE? ENTR=YES,MENU=NO </div>
4.	Press [ENTER] to continue	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> 18661234567 ENTR=YES,MENU=NO </div>
5.	Press [4] for Communication Parameters	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Download 1.Parameters 2. Autoload 3. Applcat. Only 4. Comm. params </div>
6.	Press [7] and then press [ENTER] for Suffix>	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Connect (Modem) 4.Baud>2400 5. Dial>Tone 6. Gateway> 7. Suffix> </div>
7.	Input the desired Suffix then press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Connect (Modem) Suffix: _____ </div>
8.	Press [MENU/ESC] to return to the Download menu	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Download 5.Dial>Tone 6.Gateway> 7.Suffix> 8.TCP/IP>NO </div>
9.	Stop.	

8. Communication

MENU DESCRIPTION This Main Menu has eight sub-menus pertaining to communication:

Min. Retries Dial: Tone Exchange Prefix Gateway
 Suffix Via Line/Radio Check Line Dial Tone Check

Minimum Retries

FUNCTION DESCRIPTION This submenu function allows you to set the amount of times the terminal dials for authorization or batching.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [8] to access Communication	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN 5.System options 6.Radio Params 7.Download 8.Communication </div>
2.	Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> COMM MENU: 1. Min. Retries> 2. DIAL : TONE 3.Exchange pref 4.Gateway </div>
3.	Input the Minimum # of tries then Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> COMM MENU: Min Num Tries: 3 </div>
4.	Stop.	

Dial: Tone/Pulse

FUNCTION DESCRIPTION This submenu function allows you to set the terminal to dial via pulse or touch-tone.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [8] to access Communication	MENU SCREEN: 5.System options 6.Radio Params 7.Download 8.Communication
2.	Press [2] then press [ENTER] .	COMM MENU: 1. Min. Retries> 2. DIAL : TONE 3.Exchange pref 4.Gateway
3.	Press [1] for Tone <i>OR</i> Press [2] for Pulse	DIAL TYPE: 1. Tone 2. Pulse
4.	Stop.	


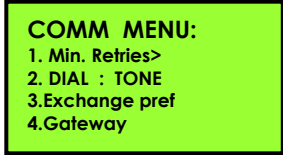
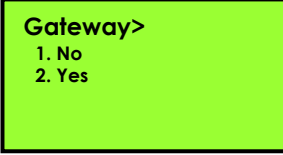
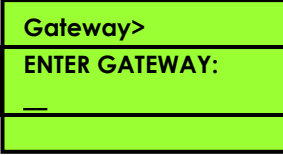
Exchange Prefix

FUNCTION DESCRIPTION This submenu function allows you to program the terminal to dial an exchange prefix before a phone number, when needed.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [8] to access Communication	MENU SCREEN: 5.System options 6.Radio Params 7.Download 8.Communication
2.	Press [3] then press [ENTER] .	COMM MENU: 1. Min. Retries> 2. DIAL : TONE 3.Exchange pref 4.Gateway
3.	Press [2] then [ENTER] to add an exchange prefix.	EXCHANGE PREFIX 1. NO 2. YES
4.	Input the exchange prefix then press [Enter]	EXCHANGE PREFIX ENTER PREFIX: —
5.	Stop.	


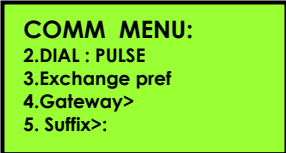
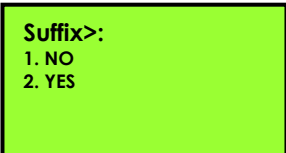
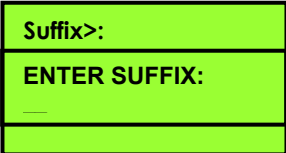
Gateway

FUNCTION DESCRIPTION This menu option allows you to set communication parameters for processing transactions through a gateway.

STEP	ACTION	DISPLAY
1.	From the Main Menu press [8] to access Communication	
2.	Press [4] then press [ENTER] for Gateway	
3.	Press [2] then press [ENTER] to input the gateway phone number.	
4.	Input the seven digit Gateway phone number then press [Enter]	
5.	Stop.	

Suffix

FUNCTION DESCRIPTION This submenu function allows you to program the terminal to dial a suffix after a phone number, when needed.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [8] to access Communication	
2.	Press [5] then press [ENTER] .	
3.	Press [2] then press [ENTER] to add a suffix.	
4.	Input the suffix then press [Enter]	
5.	Stop.	

Via: Line/Radio

INFORMATION This submenu function is not relevant at the present time.

CHECK LINE: ON

FUNCTION DESCRIPTION This menu function tells the terminal to check for a phone line when attempting to dial out.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [8] to access Communication	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 5.System options 6.Radio Params 7.Download 8.Communication </div>
2.	Press [7]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> COMM MENU: 4.Gateway> 5. Suffix>: 6.Via:Line/Radio 7.CHK LINE:ON </div>
3.	Each time ENTER is pressed the display will toggle between OFF and ON. Upon desired setting press [MENU/ESC] to go back to the idle prompt.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> COMM MENU: 4.Gateway> 5. Suffix>: 6.Via:Line/Radio 7.CHK LINE:OFF </div>
4.	Stop.	

DIAL TONE CHECK: ON

FUNCTION DESCRIPTION This menu function tells the terminal to check for a phone line when attempting to dial out.

STEP	ACTION	DISPLAY
5.	From the Main Menu Press [8] to access Communication	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 5.System options 6.Radio Params 7.Download 8.Communication </div>
6.	Press [8]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> COMM MENU: 5. Suffix>: 6.Via:Line/Radio 7.CHK LINE: ON 8.D.ToneChk: OFF </div>
7.	Each time ENTER is pressed the display will toggle between OFF and ON. Upon desired setting press [MENU/ESC] to go back to the idle prompt.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> COMM MENU: 5. Suffix>: 6.Via:Line/Radio 7.CHK LINE: ON 8.D.ToneChk: ON </div>
8.	Stop.	

Appendix A – Restaurant Tips and Tabs

Working Mode – Tip Options

FUNCTION DESCRIPTION

This option allows you to include up to three tips per transaction. This option will also allow you to name the tip type for identification. For Tip Discounting, the option **must be enabled** for each of the three tips where it is required.

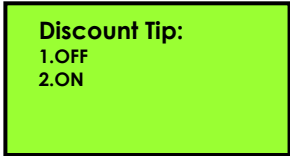
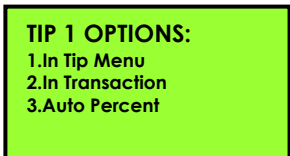
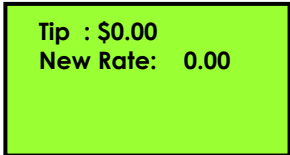
The default tip amount will automatically be added to the transaction if a New Rate amount is entered for tips 2 & 3. For the Tip #1 default tip amount to be added, the tip option must be set for “In Transaction”.

Note: For Restaurant, Tip #1 cannot be disabled.

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [5] to access System Options	MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options
2.	Press [6]	SYSTEM OPTIONS: 3.Sel. Mstr Key 4.Set Batch No. 5.Edit Database 6.Working Mode
3.	Press [1]	WORKING MODE: 1.Tip Options 2.AVS Options 3.Card Prsnt Opt 4.Comment Opt.
4.	Input the Password and Press [ENTER]	ENTER PASSWORD:
5.	Use the [▲] and [▼] to scroll through tips options, find the tip that you wish to edit and then press [ENTER] . OR Press the number corresponding with your selection.	TIP OPTIONS: 1.Tip 1: (ON) 2.Tip 2: (OFF) 3.Tip 3: (OFF) 4.Tab Option
		NOTE: The current status is displayed in parenthesis.
6.	Use the [▲] and [▼] to scroll between Off and On then press [ENTER] to select.	Tip 1: (ON) 1.OFF 2.ON

Continued on next page

Working Mode – Tip Options, Continued.

STEP	ACTION	DISPLAY
7.	<p>NOTE: After turning a tip option ON you will then be prompted to Edit the Tip name. To change the letters, first press the key then press the Alpha key to cycle through the other characters also on that key</p> <p><u>For example:</u></p> <p>The #2 key on the keypad also has the letters A, B and C printed on it. When you first press this key, the display will show the number 2, by Pressing the [ALPHA] key it will cause the display to change from 2 to the letter A, Press [ALPHA] again and then it becomes a B and finally C before starting all over again back to the number 2. Pressing another key will advance the cursor on the display to the next position.</p>	
8.	Use the [▲] and [▼] to scroll between Off and On then press [ENTER] to select.	
9.	Use the [▲] and [▼] to scroll between the settings then press [ENTER] to select. Note: See setting description below.	
10.	Enter the default tip amount then press [ENTER] . OR Press [ENTER] to bypass the default tip setting.	
11.	Stop.	

In Tip Menu – Will not prompt for a tip amount when entering the transaction and will print a blank tip line on the receipt.


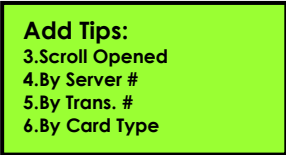
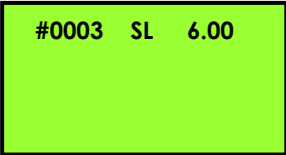
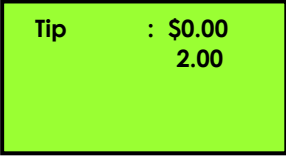
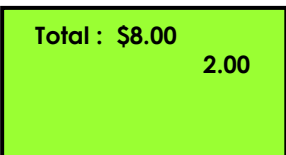
In Transaction – Will prompt for a tip amount when entering the transaction. Entered amount will print on the receipt. Pressing **[ENTER]** at prompt will bypass tip entry and will print a blank tip line.

Auto Percent – Will not prompt for a tip amount when entering the transaction and will print a blank tip line with suggested tip amount(s) below.

Add Tips

FUNCTION DESCRIPTION

This menu function allows you to go in and add the tips to a transaction in the terminal's database. This is used for Restaurant transactions with a tip line.

STEP	ACTION	DISPLAY
1.	From the idle prompt press the [FUNC] and [REVIEW] keys simultaneously to access the Tab Menu then Press [1] for Add Tips	
2.	There are several options for editing and adding tips use the arrow keys [▼] [▲] to make your selection.* Or Press the number corresponding with your selection.*	
3.	Press [FORCED] to scroll down through the transactions or [RETURN] to scroll up.	
4.	When the desired transaction is displayed, press [ENTER] to be prompted to add the tip amount.	
5.	Key in the tip amount then press [ENTER] .** NOTE: If Tip #2 or Tip #3 have been enabled, repeat the steps to add amounts for these tips.**	
6.	The total amount will appear briefly. The terminal will display the next transaction or (if last transaction has been displayed) will return to the Tab Menu.	
7.	Stop	

***Note:** When editing an existing tip amount, **Scroll Opened** cannot be used as this accesses untipped transactions only. Use one of the other methods, **By Trans. #** for example, to access the correct transaction.

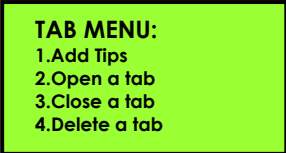
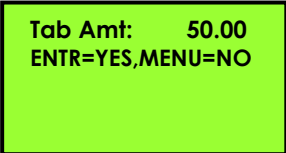
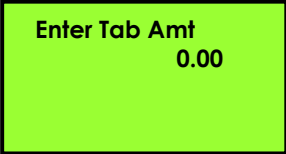
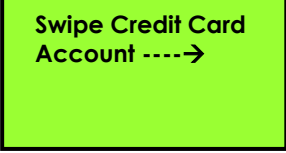
****Note:** If the total of all tips is greater than the Tip Overage Amount, the message, **Total Tip Exceeds Tip Limit** is posted. Press **[ENTER]** to accept the overage and continue or **[MENU/ESC]** to correct the overage.

Working Mode – Tab Option

STEP	ACTION	DISPLAY
1.	From the Main Menu Press [5] to access System Options	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> MENU SCREEN: 2.Merch. Params 3.Merch. Option 4.Hosts Params 5.System Options </div>
2.	Press [6]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> SYSTEM OPTIONS: 3.Sel. Mstr Key 4.Set Batch No. 5.Edit Database 6.Working Mode </div>
3.	Press [1]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> WORKING MODE: 1.Tip Options 2.AVS Options 3.Card Prsnt Opt 4.Comment Opt. </div>
4.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: </div>
5.	Press [4] for Tab Option.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> TIP OPTIONS: 1.Tip 1: (ON) 2.Tip 2: (OFF) 3.Tip 3: (OFF) 4.Tab Option </div>
6.	Press [ENTER] to keep the current default tab amount or enter desired amount then press [ENTER] .	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Tab Amt: \$ 50.00 0.00 </div>
7.	Stop.	

Open a Tab

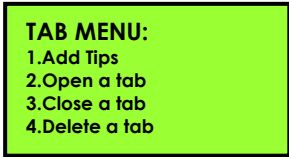
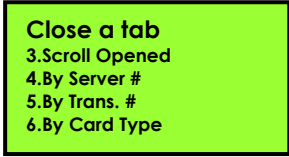
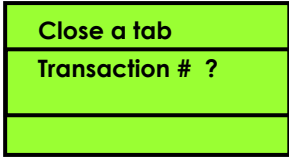
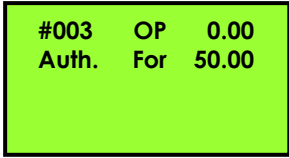
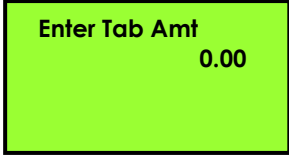
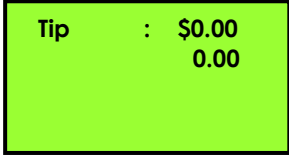

FUNCTION DESCRIPTION This menu function allows you to start or “open” a tab using a preset amount.

STEP	ACTION	DISPLAY
1.	From the idle prompt press the [FUNC] and [REVIEW] keys simultaneously to access the Tab Menu then press [2] to Open a tab.	
2.	If the default preset tab amount is correct press [ENTER] and skip to step 4 Or if you wish to change the preset amount press [MENU/ESC] and proceed to step 3	
3.	Input the correct Tab Amount then press [ENTER]	
4.	Swipe the credit card. Upon approval the terminal will open the tab and assign it a transaction number.	
5.	Stop	

Close a Tab

FUNCTION DESCRIPTION

This menu function allows you to close a tab. If tab is more than preset amount, it will close for full amount, dialing automatically to host. This will give you two transactions.

STEP	ACTION	DISPLAY
1.	From the idle prompt press the [FUNC] and [REVIEW] keys simultaneously to access the Tab Menu then press [3] to Close a tab.	
2.	There are several options for closing a tab, use the arrow keys [▼] [▲] to make your selection Or Press the number corresponding with your selection.	
3.	Input the transaction # for the open tab then press [ENTER] .	 <p>NOTE: The display will vary depending on selection</p>
4.	When the open tab displays press [ENTER] to continue.	
5.	Input the closing tab amount then press [ENTER]	
6.	The terminal will process the total tab amount then prompt you to add a tip amount. Input the tip amount then press [ENTER]	
7.	The total amount will appear briefly and then the display will return to the idle prompt.	
8.	Stop	

Delete a Tab

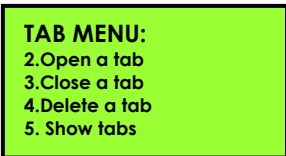

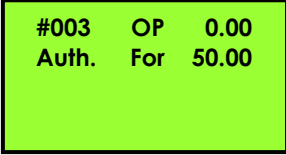
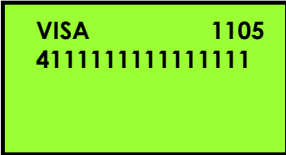
FUNCTION DESCRIPTION

This menu function allows you to delete (void) a tab.

STEP	ACTION	DISPLAY
1.	From the idle prompt press the [FUNC] and [REVIEW] keys simultaneously to access the Tab Menu then Press [4] to Delete a tab.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> TAB MENU: 1.Add Tips 2.Open a tab 3.Close a tab 4. Delete a tab </div>
2.	There are several options for deleting a tab, use the arrow keys [▼] [▲] to make your selection Or Press the number corresponding with your selection.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Delete a tab: 1.Scroll Opened 4.By Server # 5.By Trans. # 6.By Card Type </div>
3.	Input the transaction # for the tab you wish to Void (delete) then press [ENTER] .	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Delete a tab Transaction # ? <hr/> </div>
4.	When transaction displays press [ENTER] to continue.	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> #006 OP 0.00 Auth. For 50.00 </div>
5.	Input the Password and Press [ENTER]	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> ENTER PASSWORD: <hr/> </div>
6.	Press [ENTER] for YES Or Press [MENU/ESC] for NO	<div style="border: 1px solid black; background-color: #90EE90; padding: 5px;"> Void Trns #6 ? ENTR=YES<MENU=NO </div> <p>NOTE: The actual transaction # will display.</p>
7.	Stop	

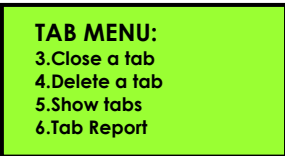
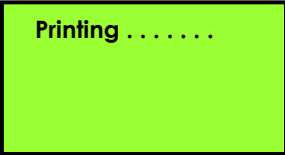
Show Tabs

FUNCTION DESCRIPTION This menu option allows you to scroll through all tabs in the terminal database.

STEP	ACTION	DISPLAY
1.	From the idle prompt press the [FUNC] and [REVIEW] keys simultaneously to access the Tab Menu then Press [5] for Show tabs	
2.	There are several options for Showing tabs, use the arrow keys [▼] [▲] to make your selection Or Press the number corresponding with your selection.	
3.	Use the arrow keys [▼] [▲] to scroll through and view the open tabs in the terminal's database.	
4.	Use the arrow keys [◀] [▶] to view the credit card type, account number, expiration date, server number and authorization code.	
5.	Press [MENU/ESC] to exit.	
6.	Stop.	

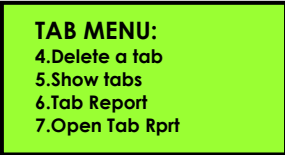
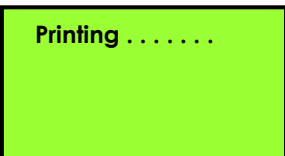
Tab Report

FUNCTION DESCRIPTION This menu option allows you to print a report of all tabs in the terminal database regardless of their status.

STEP	ACTION	DISPLAY
1.	From the idle prompt press the [FUNC] and [REVIEW] keys simultaneously to access the Tab Menu then Press [6] for Tab Report	
2.	The Tab Report will begin printing.	
3.	Stop.	

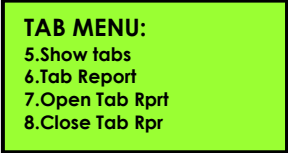
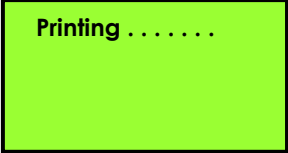
Open Tab Report

FUNCTION DESCRIPTION This menu option allows you to print a report of all open tabs in the terminal database.

STEP	ACTION	DISPLAY
1.	From the idle prompt press the [FUNC] and [REVIEW] keys simultaneously to access the Tab Menu then Press [7] for Open Tab Report	
2.	The Open Tab Report will begin printing.	
3.	Stop.	

Closed Tab Report

FUNCTION DESCRIPTION This menu option allows you to print a report of all closed tabs in the terminal database.

STEP	ACTION	DISPLAY
4.	From the idle prompt press the [FUNC] and [REVIEW] keys simultaneously to access the Tab Menu then Press [8] for Close Tab Report	
5.	The Closed Tab Report will begin printing.	
6.	Stop.	

POS STD and PLUS - NURIT 8320 QUICK REFERENCE GUIDE

To access the menu, press the [MENU/ESC] key. This key will enter and exit out of the menu. Use the [▲] and [▼] key to scroll the menu options.

1. REPORTS		
1.	DEFAULT REPORT	Prints programmed default report.
2.	CURRENT REPORT	Prints a report of the current transactions: Offers several options: Used to change default report setup.
3.	HISTORY REPORT	Prints previous batch totals: Prints Combined or Per Batch totals: Maximum of 30 days.
4.	DISPLAY TRANS.	Displays current transactions offering different sorting options.
5.	RECEIPT COPY	Prints a copy of the last approved receipt. (Transaction must be last function performed.)
6.	PERFORMANCE	Prints percentage of Approvals, Denials, Disconnects, Manual Entries and Swipes: Reset option.
7.	TIP REPORT	Prints tip details for all servers or a specific server.
8.	REPORT SETUP	Offers option to print Visa/MC transactions together or separately: Setup tip discount.
9.	RAM DISK REPORT *	Prints a report listing the RAM Disk Size and max number of transactions for each EDC type.
10.	COMMUNICATIONS LOG REPORT *	Use this function to either print a communication log of the last transaction or batch processed or to clear the log.
2. MERCHANT PARAMS		
1.	AUTHORIZATION	Enables/disables different card and transaction types: Debit mode.
2.	SECURITY LEVEL	Sets security levels for different operations.
3.	EDIT HEADER	Edits the five line, 24 character header.
4.	EDIT TRAILER	Edits the five line, 24 character trailer.
5.	SET CASH EDC	Enables/disables recording of cash transactions.
6.	MERCHANT FEE	Enables and sets the surcharge rate for debit transactions.
7.	SET BATCH TIME	For Host Capture/Autobatch terminals, sets time terminal will print batch report.
8.	SERVER/INVOICE	Enables/disables Server, Invoice, Table and Guest No. Modes. (Table and guest for restaurant only).
9.	SITE ID	View or change Site ID.
3. MERCHANT OPTIONS		
1.	PAPER TYPE	Offers choice between single ply, double ply or custom (two receipts for debit).
2.	NO PAPER MODE	Disables print function (integrated or stand alone).
3.	BUZZER SET	Enables/disables tone when pressing keypad.
4.	OPERATION MODE	Toggles between Normal and Demo Modes.
5.	BATTERY SAVER	Offers option of turning Radio Only, Terminal Only, Radio and Terminal or neither off after a period of inactivity.
6.	PRINT DISCLAIMER	Enables/disables print of the disclaimer on each receipt.
7.	SET MENU TYPE	Toggles between manual scroll and auto scroll.
8.	SET HALO	Maximum dollar limit for a Sale, Return or Cash Back.
9.	PRINT SETUP	Prints terminal setup report listing; Current application, Header, Trailer, Card and transaction types, Paper type, Surcharge, Security settings, PIN Pad info, HALOs, Modes, Tip settings and Hot Keys.
10.	STORE & FORWARD	Enables/disables offline settings: Upload transactions: Resend/delete failed transactions.
11.	CHECK READER	Enables/disables check imaging for upload to the Web.
12.	SIGNATURE OPTION *	Initializes an E-Pad allowing the capture of signatures for upload to the Web.
13.	BRIDGE COMM *	Allows communication between terminal and web.
14.	LANGUAGE SETUP *	Choose from the available languages for display or printer.
4. HOST PARAMS		
1.	HOST PARAMS	Edit parameter settings for all hosts.
2.	HOST PHONES	Edits authorization and batch phone numbers for all hosts.
3.	PRINT EDC SETUP	Prints EDC report listing; EDC types available, All EDC hosts, Capture types, Host parameters, Radio information (when applicable), AutoDial settings.
4.	PROTOCOL VER.	Displays host protocol name and version.
5.	AUTODIAL SETUP	Sets the terminal to automatically dial out for manual batching.

Continued on next page.

QUICK REFERENCE GUIDE, Continued

5. SYSTEM OPTIONS		
1.	SET TIME / DATE	Sets terminal's date (mm/dd/yy) and time (hh:mm:00): Clock is 24 Hour/Military time.
2.	EDIT PIN KEY	Edit host processor working key for debit processing.
3.	SEL. MSTR KEY	Change Master Key location.
4.	SET BATCH NO.	Change the current batch number.
5.	EDIT DATABASE	Void transaction: Clear database for selected or all EDC Types.
6.	WORKING MODE	Offers the ability to set: Tip options for retail and restaurant; AVS Option; Card Present Options and Comment Option.
7.	TEST MODE	Programming purposes only.
8.	PREDIAL CALL	Enables/disables terminal dialing immediately once card is swiped.
9.	PINPAD INIT.	Initialize external PIN Pad when necessary.
10.	PINPAD FUNC.	Allows encryption of working key in terminal
11.	PINPAD CONFIG.	Toggles between internal or external PIN Pad.
12.	STATUS BAR	Enables and Disables Status Bar Display. (Nurit 8320 with Battery Option only)
6. RADIO TEST		
Not applicable for the Nurit 8320.		
7. DOWNLOAD		
1.	PARAMETERS	Downloads host and merchant parameters only.
2.	AUTOLOAD	Downloads full application and parameters.
3.	APPLICAT. ONLY	Downloads application only, no host or merchant parameters.
4.	COMM. PARAMS	Sets communication parameters for downloading.
8. COMMUNICATIONS		
1.	MIN. RETRIES	Number of times the terminal will call host processor before timeout.
2.	DIAL : TONE	Sets pulse or tone (DTMF) dialing.
3.	EXCHANGE PREF	Enables/disables and stores digit for dialing an exchange prefix before phone number.
4.	GATEWAY	Programming purposes only
5.	SUFFIX	Enables/disables and stores digit for dialing a suffix after phone number.
6.	VIA: LINE / RADIO	Not relevant for the NURIT 2085.
7.	CHK LINE: ON	Enables/disables the check line function.
8.	D. TONECHK: ON	Enables/disables the dial-tone check function.

*** NOTE:** These features are available with POS_PLUS application only.

BASIC TROUBLESHOOTING

This section briefly describes how to troubleshoot some possible common problems that may rise during the normal operation of the NURIT 8320. Before requesting service for this unit, check the list below for a possible cause of the problem you are experiencing. Some simple checks on your part may solve the problem, and restore proper operation. If you are still unable to solve the problem, contact the technical support help desk. Do **NOT** try to solve the problem by opening the terminal yourself!

Terminal Seems to Have No Power

- Make sure the AC adapter is fully plugged into the wall outlet, and that its barrel connector mates properly with the terminal's PWR jack.
- If using the backup battery, allow the battery to charge 10 to 12 hours with the terminal on and AC adapter plugged into the wall (in standby mode).

“NO LINE” Appears on the Display

- Check that the telephone (RJ-11) connector is securely mated with the LINE socket on the terminal, and into the wall.
- NURIT was designed for a dedicated phone line. It should not be on a splitter, or on a rollover phone system.
- An exchange prefix may or may not be needed. Make sure terminal has correct settings for an exchange prefix.

Printer Does Not Function Properly

- Check that the paper has been fed to the printer properly (underhand). See the figure and instructions in Appendix C. The NURIT 8320 uses thermal paper **only**.
- Check there is paper in the printer compartment. Replace if required.
- If printer continues working even though the paper has been used up, check that the ‘end of paper’ detector in the printer mechanism is not blocked by a torn piece of paper.

Card Reader Not Working

- Make sure that card has been swiped so that its magnetic strip is facing downward and to the right side of the terminal.
- Be sure to swipe card from back to front of the terminal.
- Contact the technical support help desk.

Possible PIN Pad Error

- Verify that the PIN pad is properly plugged into the PIN connector on back of terminal.
- Check the line to the PIN pad itself.

Receipt Prints “CANCELED”

- The terminal will display a host response, or some type of error message, as to why the transaction was canceled.

PHONE CARD

The NURIT 8320 has phone card capabilities. A merchant can supply phone cards that can be reused as long as the card is valid.

The phone cards work in the following manner: a customer purchases a phone card for any amount desired, anywhere from \$1 to \$100. When the card is depleted, the customer returns to the merchant and purchases additional calling time on the same card.

The NURIT 8320 can have this phone card option and still process by either credit, debit, or check, however the idle prompt will differ with the phone card option activated. If a credit or debit card is swiped, at the phone card prompt, the terminal will automatically switch to the credit or debit card prompt, respectively.

This phone card option is host capture-auto dial, meaning the terminal will automatically dial out to the host, and batch the phone card transactions. The terminal must be **on** and plugged into a phone line for the batching procedure. The batch time, and amount of attempts can be programmed in Merchant Parameters. The following paragraphs explain the procedures on processing a phone card transaction for the NURIT 8320.

The merchant uses a terminal, a PIN pad (if processing debit), and printer (optional). The customer enters information on PIN pad (if applicable), and merchant confirms information on the terminal. See Page 26 in this manual for instructions on phone card activation.

Appendix B - Lipman USA Licensing Agreement

Nurit 8320 POS EDC Terminals

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