

MULTI-CASSETTE CASH DISPENSER

(MODELS 9615/9616/9635/9636)

OPERATION MANUAL

Version 4.0

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FCC COMPLIANCE

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.

Note:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CANADIAN EMISSION REQUIREMENTS

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set in the Radio Interference Regulations of the Canadian Department of Communications.

Le present appareil numerique n'emet pas de bruits radioelectriques depassant les limites applicables aux appareils numeriques de la Class A prescrites dans le Reglement sur le brouillage radioelectrique edicte par le ministre des Communications du Canada.

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SECTION 1

INTRODUCTION

SECTION 1 - INTRODUCTION

WHAT'S IN THIS MANUAL

This manual describes all operating features of the following Multi-Cassette Cash Dispensers:

- 1.) Model 9615. Front-access, UL291 Business Hours Service Listed.
- 2.) Model 9616. Rear-access, UL291 Business Hours Service Listed.
- 3.) Model 9635. Front-access, UL291 Level 1, 24-Hour Service Listed.
- 4.) Model 9636. Rear-access, UL291 Level 1, 24-Hour Service Listed.

Business Hours Service means that the currency should be removed from the dispenser and stored in a safe location when the business is closed to the public. Level 1, 24-Hour Service means that the dispenser can provide round-the-clock currency protection.

The front-access model Cash Dispensers allow access to the dispensing mechanism and currency cassettes from the interface panel side of the unit. The rear-access models allow equivalent access from the back of the unit.

The setup and operating procedures given in this manual are applicable to the Multi-Cassette Cash Dispenser models listed above. If the Cash Dispenser you are using does not have the ability to perform some of the features described in this manual, it is because your *processor* does not support the feature or the dispenser was purchased without that particular option.

In this manual, the terms *Cash Dispenser*, *Dispenser*, or *Terminal* are used interchangeably, and refer to any of the Multi-Cassette Cash Dispenser models listed above.

WHAT IS A CASH DISPENSER?

A Cash Dispenser offers your customers the standard services commonly available from an Automatic Teller Machine (ATM), such as cash withdrawals, transfer of funds between accounts, and balance inquiries. However, it does not offer a deposit option.

Once a withdrawal transaction has been completed, the processor automatically debits the customer's account. The processor credits the merchant's account for the amount of the withdrawal plus any surcharge (if applicable) at the end of the business day.

SECTION 1 - INTRODUCTION

BALANCING DAILY TRANSACTIONS

The Cash Dispenser keeps track of all transactions and provides simple printed reports to assist in maintaining accurate balance records. The DAY CLOSE function, for example, summarizes the transaction activities of the previous business day. The CASSETTE CLOSE function summarizes the activities since the cash cassettes were last loaded.

The exact details of the closing procedure vary slightly, depending upon the sponsoring network. The closing procedures that are applicable in most cases are described in detail in Section 5, Management Functions.

SECTION 2

FEATURES

SECTION 2 - FEATURES

MULTI-CASSETTE CASH DISPENSERS

The general features of the Multi-Cassette Cash Dispenser family are described in Table 2-1:

Table 2-1. Multi-Cassette Cash Dispenser Features.

- Front access (models 9615/9635) and rear-access (models 9616/9636) models available.
- UL 291 Business Hours Service (models 9615/9616) or Level 1 (models 9635/9636), 24-Hour Service models available.
- Uses an ordinary dial-up telephone line, instead of an expensive leased line.
- 2400 bps (bits-per-second) modem standard (optional 14400 and 33600 bps modems available).
- Cassette holds approximately 1600 notes (actual capacity depends upon currency quality and thickness) for maximum time between cash replenishment cycles.
- Independent reject vault holds rejected notes for safekeeping and ease of accountability.
- Reliable multi-cassette vacuum-feed cash dispensing mechanism.
- High-capacity electronic journal can store up to 2045 of the most recent transactions for later printout.
- Intuitive, user-friendly keypad and display interface.
- 320 x 240 dot resolution gray-scale (16 shades of gray) backlit Liquid Crystal Display (LCD). Optional Color LCD display available.
- Flush-mounted magnetic dip-style card reader.
- Fixed-head thermal printer designed for quiet operation.
- Modular design for ease of maintenance.

Figures 2-1 through 2-5 show the various models of the 9615-series family of Cash Dispensers.

NEW FEATURES

The version 4.0 release of terminal operating software provides significant enhancements to the capabilities of the Cash Dispenser. These new features are summarized in the following paragraphs.

- ***Close Scheduling***

This function enables the operator of the terminal to establish a time at which the terminal will automatically initiate a close operation with the processor. If only manual initiation of a close is desired, this feature can be turned off.



Figure 2-1. Model 9600 Cash Dispenser.

SECTION 2 - FEATURES

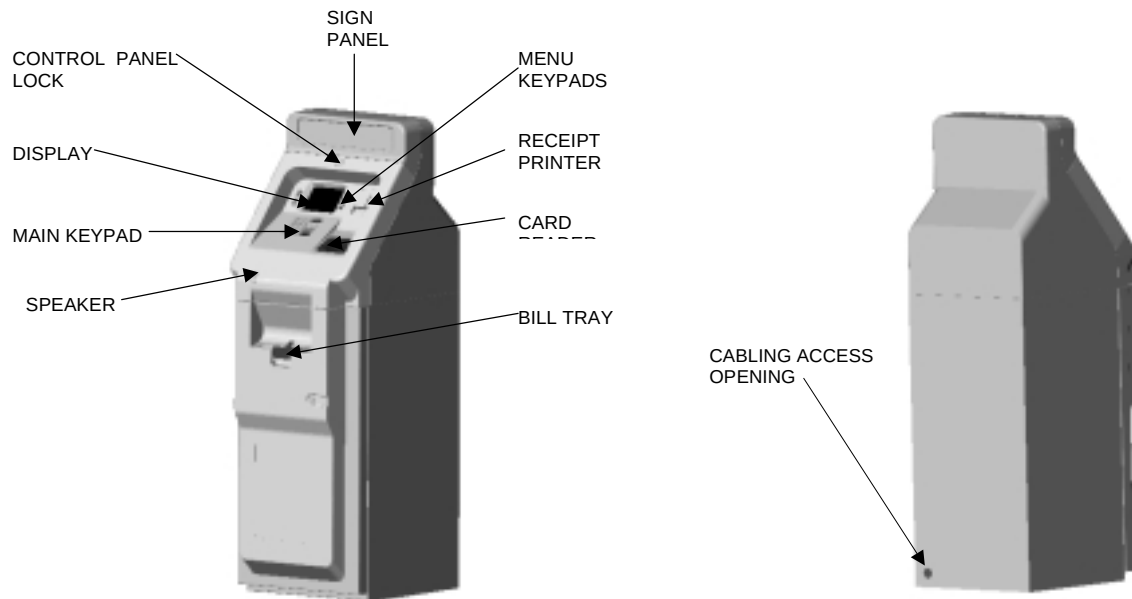


Figure 2-2. Model 9615 Front and Rear Views.

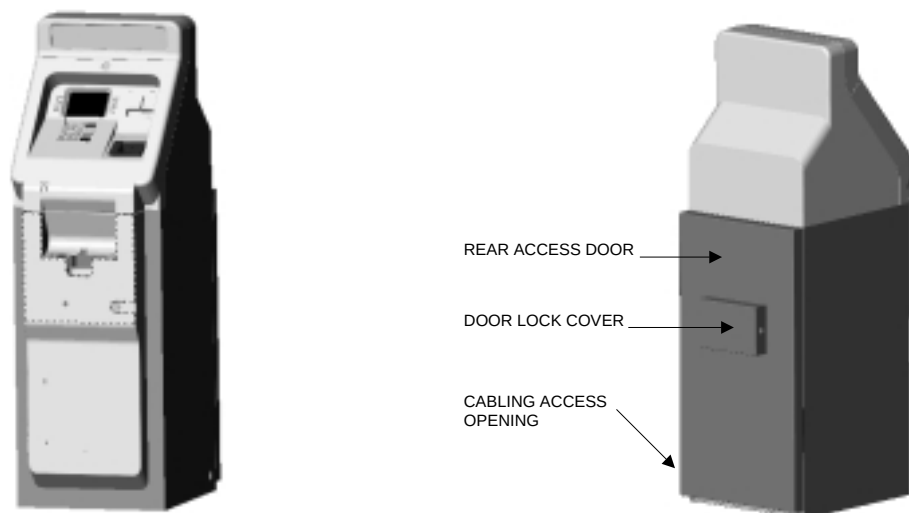


Figure 2-3. Model 9616 Front and Rear Views.

SECTION 2 - FEATURES

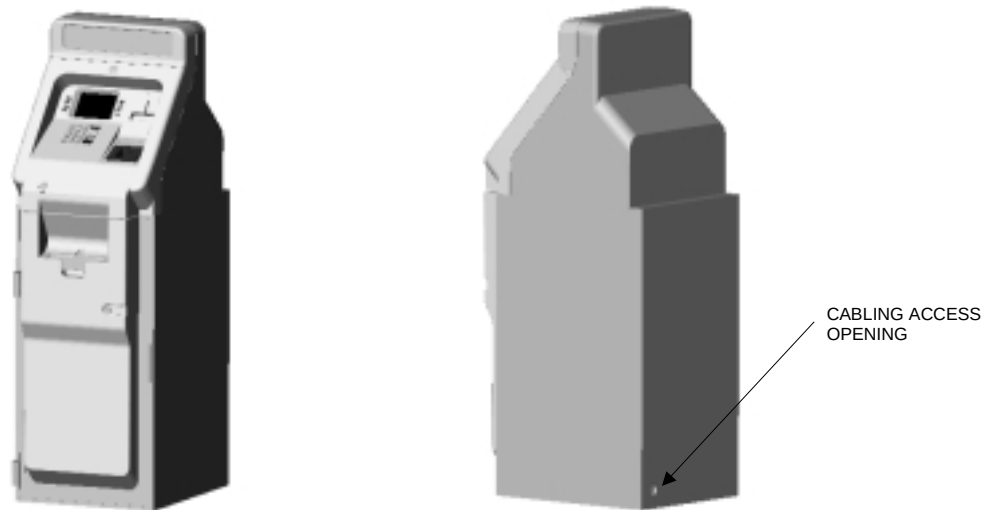


Figure 2-4. Model 9635 Front and Rear Views.

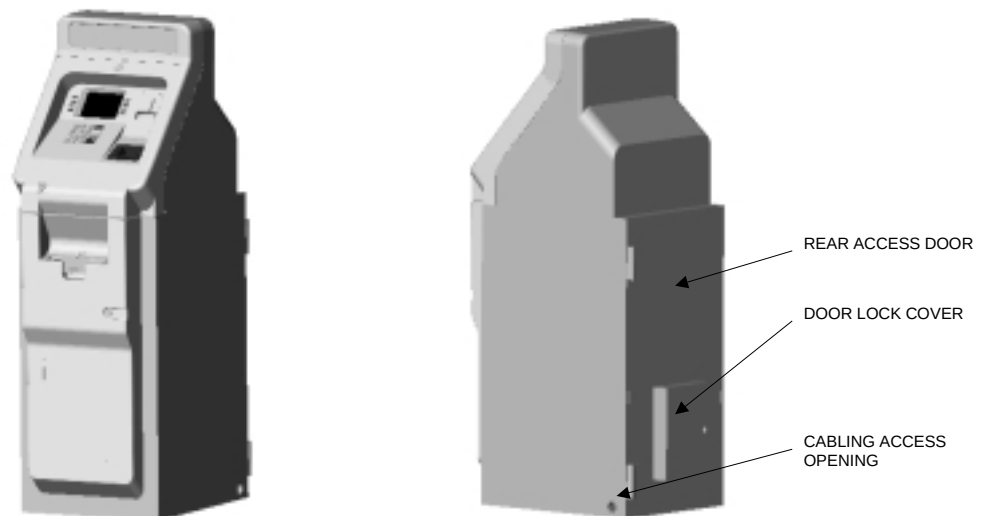


Figure 2-5. Model 9636 Front and Rear Views.

SECTION 2 - FEATURES

- ***Exit Message***

This feature allows a message to be displayed to the customer at the conclusion of a transaction. The content of the message is determined by the operator.

- ***Predial Capability***

By initiating the call to the processor immediately after the customer inserts and removes their ATM or credit card (predialing), the actual transaction, once selected, can be completed more quickly. If desired, the predial capability can be disabled, in which case the call to the processor will not be made until after the customer actually chooses a transaction.

- ***Alarm Thresholds***

NOTE: This feature must be used in conjunction with Triton Connect version 3.0 or later.

This feature enables the terminal to detect and automatically report the following conditions to a remote personal computer (PC) that is running Triton Connect (version 3.0 or later):

- 1.) The level of cash in the cassette has fallen below a pre-defined threshold.
- 2.) The number of journal entries has risen above a pre-defined threshold.

In addition, a journal transfer feature allows the terminal to automatically transfer the contents of the electronic journal to the Triton Connect PC.

- ***Transaction and Account Type Configuration***

This feature enables the terminal operator to select the types of transactions (transfers or balance inquiries) or accounts (savings or credit card) that will be presented to the customer. This feature does not affect the availability of withdrawal transactions from checking accounts, which are always presented.

- ***Date/Time Format***

This option allows the operator to select either MM/DD/YY or DD/MM/YY as the format the terminal will use when printing receipts and other reports.

SECTION 2 - FEATURES

STANDARD FEATURES OF THE MULTI-CASSETTE CASH DISPENSER

The following paragraphs provide descriptions of the standard features of the Cash Dispenser.

- ***Electronic Journal***

The Cash Dispenser features a solid state electronic journal, instead of the traditional mechanical journal printer. The electronic journal is based on proven Triton technology and provides improved reliability and ease of use.

The details of each transaction are stored in the journal's memory, and can be retrieved at a later date. When needed, just the information desired can be recalled and a printout of the records made.

Normally, journal data is printed by the unit's receipt printer, but with the optional Triton Connect software package the information can be sent to a remote PC (Personal Computer) for storage and subsequent analysis.

The information in the electronic journal is maintained in a safe and secure environment. The journal is physically located in the lower security cabinet of the unit, making it as secure as the cash itself. Even after a transaction record has been printed to the receipt printer, it can still be read and printed again. Old records are retained in the electronic journal until 2045 new records have been stored. When the journal is "filled" in this way, it continues to operate, storing the details of the *most recent* 2045 transactions.

The software on the terminal makes it easy to retrieve stored information as often as necessary. From the operator's standpoint, use of the journal is simple. All that is required of the operator is to do a *PRINT JOURNAL* command on a regular basis. Typically, the journal should be printed out whenever a *DAY CLOSE* is completed, although this is not a requirement.

When the *PRINT JOURNAL* command is selected, only the records acquired since the last *PRINT JOURNAL* command will be printed. Therefore, you don't have to keep track of what record was printed last, because the terminal does it for you.

If the printed copy of a group of records is accidentally lost or destroyed, or the receipt printer runs out of paper before completely printing a group of records, it is a simple matter to reprint them, since they remain stored in the journal (until overwritten, as explained earlier).

- ***Distributor EPROM Access With Challenge***

SECTION 2 - FEATURES

This feature provides increased security by allowing each distributor to select their own unique EPROM access code for each terminal they sell or service. Procedures for entering and changing the EPROM Access Code are contained in the Cash Dispenser Installation and Service Manual.

- ***Status Monitoring***

This feature (not available with all versions of the terminal's operating software) allows information about the operational status of the terminal to be provided to the processor. The feature is activated using the terminal's Management Functions.

- ***Language Option***

The Cash Dispenser has a screen language option. This option allows the terminal user to select a preferred language (such as Spanish) when beginning an ATM transaction.

- ***International Monetary Support***

This feature allows installation and service personnel to select one of a number of monetary symbols (such as C, ¢, \$, f, L, P_t, £, Q, ¥) that describe the type of currency that will be dispensed by the Cash Dispenser. The default symbol can be viewed and changed through the Management Functions.

- ***Six-Digit Amount Entry Fields***

U.S. domestic versions of the terminal operating software allow up to six digits to be entered in all fields where a cash amount is expected. Some international versions of the software allow extended field-lengths (see Extended Fields).

- ***Receipt Printer Paper Low Option***

This features allows the end user to determine whether or not the terminal is allowed to continue processing transactions when the receipt printer paper is low or the printer has run completely out of paper.

SECTION 2 - FEATURES

- ***Quad-Port Module***

The Quad-Port Module is a serial interface board that provides four independently assignable and software configurable serial I/O ports. These ports are RS-232C compliant interfaces that can support baud rates through 33,600 baud.

The capabilities of the module are such that new Cash Dispenser features that require serial interfaces can readily be supported. The LED Sign is an example of an option that requires the Quad-Port Module.

- ***Memory Expansion Modules***

To take advantage of the new graphics handling features of the Cash Dispenser, the terminal must be equipped with at least one Memory Expansion Module. Memory Expansion Modules are available with the following memory capacity:

- 1 Megabyte (Part Number 9600-0004)
- 2 Megabytes (Part Number 9600-0031)
- 4 Megabytes (Part Number 9600-0032)

Two Memory Expansion Modules can be installed in slots four and five of the terminal's Electronic Enclosure.

Jumper Settings

Memory Expansion Modules have jumpers that must be installed in the right position to operate correctly. The Memory Expansion Module installed in slot 4 of the card cage must have the jumpers across pins 1 and 2 of J1 and J2. If a second Memory Expansion Module is installed, it will be put in slot 5 of the card cage. The jumpers on the second Module must be installed across pins 2 and 3 of J1 and J2.

Formatting a Memory Module

A Memory Expansion Module is formatted so that it is ready to accept downloaded files from the Triton Connect Host Computer. All Multi-Cassette Cash Dispenser Memory Expansion Modules are shipped from the factory formatted. If it becomes necessary to format a Memory Expansion Module, it can be accomplished by two methods.

SECTION 2 - FEATURES

****CAUTION****

Formatting a Memory Expansion Module will erase all files stored on the Module. Do not format a Memory Expansion Module unless you are certain you wish to erase all data stored on it!

Formatting a Memory Expansion Module from a Triton Connect Host Computer

The first method uses Triton Connect to send a message to the terminal from the Triton Connect Host Computer that tells it to format a Memory Expansion Module. It uses the Reformat Memory Options found in the Ad Graphics/File Manager folder of the Terminal Parameters Option in the Triton Connect Terminal Manager to format the Module. There are separate options to format memory modules 1 and 2.

Formatting a Memory Expansion Module at the Local Terminal

The Memory Expansion Modules can also be formatted from the local terminal through the Management Functions. Refer to Section 5, Management Functions, for procedures.

- **AD Screens**

An Ad Screen is a promotional or advertising graphic that is displayed on the Cash Dispenser LCD screen. It is displayed alternately with the Customer Welcome screen graphic (while the terminal is idle) and while a customer transaction is being processed. Triton Connect Software Release 1.8 or higher is required to support the use of AD Screens.

Triton Connect has the ability to format 16-bit color graphics for use in AD Screens (this requires the optional 16-color LCD display), to format monochrome graphics for use in receipt printouts, and to create text-based messages.

Once formatted, the graphics and text-based messages can be downloaded to a terminal by the Triton Connect host computer. The time of day a specific Ad Screen is displayed and the duration it will be displayed can also be controlled.

To display AD Screens a terminal must have at least one optional Memory Expansion Module installed. All Cash Dispensers can display text-based Ad Screens with no additional hardware.

SECTION 2 - FEATURES

- ***Text-Based AD Screens***

Text-based AD Screens can be displayed to the customer while the terminal is performing a transaction. A maximum of four text-based ads can be displayed during the interval that the “Transaction Processing - Please Wait” message screen is being shown to the customer. Each ad consists of up to eight lines of text, and each ad can be displayed for an operator-specified duration. The messages are created and downloaded to the terminal using Triton Connect Software Release release 1.8 or above.

- ***Receipt Printer Graphics***

Triton Connect Software Release 1.8 or higher allows a bit-mapped graphic image in “.bmp” format to be downloaded to the terminal. This graphic is printed on the receipt when the PRINTED GRAPHIC option is enabled through the Management Functions. This feature requires the addition of a Memory Expansion Module.

- ***Prize Coupons Option***

The Cash Dispenser may be configured to award “prize coupons” to customers on a random chance or a withdrawal amount-determined basis. Coupons are awarded as printed messages presented to the customer on a separate receipt. The messages consist of four lines of text, with up to 40 characters in each line. The text of the message is entered from the terminal’s keypad.

There are two methods of awarding coupons. The RANDOM approach awards coupons randomly within a specified percentage range (such as 3% of transactions) set in the management Functions.

The LEVEL approach awards a coupon to each customer that withdraws an amount equal to or greater than a specific dollar value that is set in the Management Functions.

When a coupon is awarded, the cash dispenser beeps a distinctive tone, displays a message to alert the customer and prints a coupon after the money is dispensed (but before the customer receipt is printed). The prize coupon is printed on a separate receipt and a full cut is made between the coupon and the customer receipt.



Figure 2-6. Prize Coupons.

SECTION 2 - FEATURES

- ***Receipt Option***

This feature allows the operator of the Cash Dispenser to provide customers with the option of whether or not to receive a receipt after completing a transaction. The factory default for the RECEIPT OPTION is disabled, meaning a receipt will always be issued after each transaction (the customer *does not* have the option to choose).

If the RECEIPT OPTION is enabled, the customer is given the option of choosing to receive or not receive a printed receipt at the end of the transaction. If the customer fails to make a receipt choice, the receipt will be printed automatically after a 40- second time out period has elapsed.

- ***Color Display Option***

The Cash Dispenser can be equipped with an optional 16-color LCD display. As with the standard gray-scale display, the customer is guided through a transaction by selecting various options from menus that are presented on the LCD. Additionally, the terminal has the capability of displaying promotional information (AD Screens) in color while it is idle or when the customer is waiting for a transaction to be completed.

- ***Triton Connecttm***

Triton Connect is an optional software package available through your service provider that facilitates remote data retrieval and monitoring of your Triton Systems Cash Dispenser. The advantages of this feature are reduced service calls and simplified terminal configuration changes, which in turn provides more immediate and economical service for you.

The Triton Connect software runs on a remote host computer, and uses standard dial-up telephone lines to access and monitor the terminal. Triton Connect operates by dialing up the terminal and retrieving its data.

The Triton Connect host computer can monitor your Cash Dispenser 24 hours a day, seven days a week, and can receive an incoming call *from the Cash Dispenser* if there is a system error or service is required.

The Terminal Configuration options in the Management Functions area enable you to activate or deactivate Triton Connect access to the terminal.

Key information about the status of the terminal is collected and stored at a central location by your service provider. With this data, customer transaction reports can be developed that make it easy to monitor your Cash Dispenser's performance, schedule cash replenishment, and provide instant status for service dispatch should a problem occur.

SECTION 2 - FEATURES

- ***Extended Amounts***

The standard length of a currency amount entry field is 6 characters in U. S. domestic versions of the terminal operating software. In some international applications this length is insufficient to allow the entry of the full range of monetary values available in the local currency type. The Extended Amounts feature allows the selection of 12-character currency amount entry fields for those applications that require it.

Once selected, the Cash Dispenser can accept the entry of extended amounts for customer withdrawal and transfer transactions. The feature is activated using the terminal's Management Functions.

- ***LED Sign Option***

This option consists of a display panel and associated hardware and firmware that enables a Cash Dispenser to display messages and animated themes using a variety of special effects. The LED Sign is available in either Lowtopper or Hightopper versions.

The LED Sign requires version 3.0 (or higher) Terminal Software, a Quad-Port Module, and a version SD01.04 (or higher) EPROM. To control the LED Sign, you will need Triton Connect for Windows 95, version 1.9.1 or later. The LED Sign can also be operated using an optional hand-held infrared remote control.

Specific instructions for operating the LED Sign are contained in the Triton Connect User Manual, or the LED Sign Remote Control Operation Manual, as applicable.

- ***Rear-Access Feature***

The rear access models (9616 and 9636) position the control panel and cash delivery tray to the front, conveniently facing the customer, while providing easy access to the rear of the unit by store or service personnel.

Rear access Cash Dispensers use the same dispensing mechanism and cassettes as the front access models. The cassette handling procedures given in Section 4 of this Manual are applicable to both front and rear access Cash Dispenser models. A special Management Function allows the operator to select the dispense direction as necessary to support either front or rear access models.

SECTION 3

OPERATION AND SETUP

SECTION 3 - OPERATION AND SETUP

BASIC OPERATION

This chapter describes the basic operation and setup of the Cash Dispenser. The procedures are applicable to any of the Multi-Cassette Cash Dispensers in the model 9600/9601/9620/9621 product line.

MENU-BASED OPERATION

The Cash Dispenser operates as a menu driven system. Messages and menu options presented on the LCD display screen guide the user's actions. The desired menu option is selected by pressing one of the screen keys located to the left and right of the display. For the purpose of security many screens *timeout* after a preset time interval, usually 30 seconds. The timeout length may vary depending on the function being performed.

When a screen timeout occurs, a screen is presented which asks the user if more time is needed. If the user chooses NO, the Customer Welcome screen will be presented. If YES is chosen, the user is returned to the function that was active prior to the timeout. If the user does not make a selection within an additional 30-second countdown period the Cash Dispenser will automatically go to the Customer Welcome screen.



Figure 3-1. The TOP MENU display.

When the unit is turned on, the dispenser will beep once and the Top Menu, shown in Figure 3-1, will appear on the display screen after a few seconds. From the Top Menu, you can either:

- 1.) Activate the Cash Dispenser to perform customer transactions by pressing the key next to CUSTOMER TRANSACTIONS.
- 2.) Enter the Cash Dispenser system management area by pressing the key next to MANAGEMENT FUNCTIONS.

SECTION 3 - OPERATION AND SETUP

If you do not select a menu choice within 30 seconds the Cash Dispenser will automatically default to the Customer Welcome screen (a benefit of this feature is that in the event of a power interruption the terminal will automatically begin accepting customer transactions shortly after power is restored).

KEYPAD OPERATION

The user interface of the Cash Dispenser consists of the LCD display and 24 rubber keys on three keypads. The primary menu navigation keys are arranged in two four-key groups, one group on either side of the LCD display. The main keypad consists of 10 alphanumeric keys, two arrow keys and four large control keys, all located in a 16-key group beneath the LCD display.

All of the keys that a customer would use to conduct transactions have an integral raised Braille symbol to conform to the requirements of the Americans with Disabilities Act. To activate a key, press it until a beep is heard. If the key does not beep, it means that the key is not active for the current function, or the key was not pressed firmly enough.

The entry of numeric characters via the keypad is straightforward: simply press the desired key. However, in certain management function screens it may be necessary to enter alphabetic characters, a procedure that requires a little more explanation. On such screens a flashing cursor will be evident on the display, representing the location where the next character you enter will be displayed. To enter a letter or punctuation mark, you will first press the <BLUE> key, and then you will press the number that has the letter or other character you want.

Each of the numbered keys (<0> through <9>) has *three* additional characters available, but for two of these keys, the <0> and <1>, all of the available characters are not printed on the keycap. Although the <0> key does not show any additional characters, this key will be used to enter the comma, period, and dash (minus sign). The <1> key shows two alphabetic characters ('QZ') on the keycap, but there is a third character available—the SPACE character.

The first character *on the first key you press after the BLUE key* will be displayed at the cursor. Pressing the same key again will cycle the displayed letter through the remaining character choices for that key. When the desired character is displayed, press the <RIGHT ARROW> key to 'lock it in' and move the cursor to the next position.



Figure 3-2. Cash Dispenser Keypad.

SECTION 3 - OPERATION AND SETUP

The <RIGHT ARROW> and <LEFT ARROW> keys are used in most alphanumeric data entry situations. The <LEFT ARROW> is used to back up and erase a character. The <RIGHT ARROW> is used to lock in a character. These keys will auto-repeat if held down for more than one second.

The <CHANGE> key can be used to clear an entry and start over. The <CANCEL> key will abort the current transaction.

The keys located beside the display are called the Screen Keys. They are used in the selection of menu functions. A Screen Key is only active when a function or menu option name is displayed beside the key.

CHANGING TO MANAGEMENT FUNCTIONS

You can enter the terminal MANAGEMENT FUNCTIONS main menu screen by performing any one of the three procedures listed below:

1. The Customer Welcome screen shows an animation of a hand inserting and removing a card, with a message describing how to begin a transaction. If this screen is being displayed, press the <BLUE> key and the <1> key at the same time. Once the Top Menu (shown in Figure 3-1) is displayed on the screen select the MANAGEMENT FUNCTIONS option.
2. Reset the Cash Dispenser by pressing and releasing the Reset Switch found on the front panel of the Memory Module, which is located in the card cage inside the upper enclosure of the terminal. When the Top Menu is displayed select MANAGEMENT FUNCTIONS.
3. Remove and then reapply power to the terminal using the ON/OFF switch located on the right side of the card cage inside the upper enclosure of the terminal. When the Top Menu is displayed select MANAGEMENT FUNCTIONS.

The Top Menu allows you to choose one of two options, CUSTOMER TRANSACTIONS or MANAGEMENT FUNCTIONS. Selecting CUSTOMER TRANSACTIONS changes the display to the Customer Welcome screen so the Cash Dispenser is ready to perform customer transactions. Selecting MANAGEMENT FUNCTIONS opens the password screen, which in turn provides access to menus that are used for changing or viewing terminal parameters.

Whenever the MANAGEMENT FUNCTIONS choice is selected, the Cash Dispenser will ask for a password to be entered. For a first-time configuration, enter the default MASTER PASSWORD of '123456' on the keypad and then press the <OK> key. This 'default' password will be valid until it is changed.

SECTION 3 - OPERATION AND SETUP

****NOTE****

The operator of the Cash Dispenser must change the MASTER PASSWORD to a new number when the installation is complete.

INITIAL CASH DISPENSER CONFIGURATION

There are six configuration parameters that must be set when a Cash Dispenser is installed. These parameters do not need to be set in any particular order, but they **MUST** be entered into the Cash Dispenser to enable customer transactions to take place. Once they are set, they are retained internally, even when the Cash Dispenser is turned off.

Detailed procedures describing the step-by-step setup of each terminal parameter are located in Section 5 of this manual.

- ***Terminal Number***

The TERMINAL NUMBER is a unique string of alphanumeric characters (numbers and/or letters) that identifies your Cash Dispenser to the processor. The TERMINAL NUMBER is assigned to your Cash Dispenser by your processor

The TERMINAL NUMBER **MUST** be set before the Cash Dispenser can go on-line and before the *communications key* can be downloaded.

- ***Surcharge Mode***

Some networks allow a surcharge, or terminal fee, to be imposed on withdrawal transactions. If surcharges are in use on your network, you are required to notify the customer of the possibility of an additional fee before the transaction is processed. The customer must be given a chance to cancel the transaction.

Setting the SURCHARGE MODE to ENABLED will cause the surcharge warning screen to be displayed after the customer's card is inserted. The surcharge warning screen notifies the customer of a possible fee and its amount. The customer is given the opportunity to cancel the transaction at no charge or to accept the surcharge and continue with the transaction.

If your network does not allow surcharges, the SURCHARGE MODE must be set to DISABLED.

SECTION 3 - OPERATION AND SETUP

The amount of the surcharge is stored in the Cash Dispenser and displayed to the customer. The SURCHARGE AMOUNT displayed on the screen can be set manually via the SURCHARGE AMOUNT menu. In some cases this value is downloaded from the processor at the same time the communications key is downloaded.

Manually changing the SURCHARGE AMOUNT to a different value does not automatically change the surcharge collected by the processor for a transaction. *It will only change the surcharge in the surcharge-warning message shown to the customer and NOT the actual fee collected for the transaction, so be sure the values are the same AND are accurate!*

- **Maximum Amount**

The maximum withdrawal limit must be entered into the Cash Dispenser before any transactions can be completed. This number is the largest dollar amount allowed for a single withdrawal transaction. The MAXIMUM AMOUNT may be set from \$1 to \$999 in increments of \$1 and must be set to a multiple of the denomination of the currency in the cassette. Factory default is set to \$500.00. The value must be a whole dollar amount only.

Whenever a withdrawal transaction is processed, the amount entered or selected is compared to the MAXIMUM AMOUNT parameter. If the entry is larger, an error message warns the user and displays the maximum allowable amount. Additionally, *the MAXIMUM AMOUNT cannot be more than 50 times greater than the denomination of the currency in the cassette.*

The MAXIMUM AMOUNT entered into the Cash Dispenser **DOES NOT** override any maximum set by a network. The transaction will be sent to the network if the amount entered or selected is less than the maximum. The network must still approve the requested amount.

- **Master Key**

The MASTER KEY is used to decrypt the communications key. This key is a 16-character string, consisting of a combination of the digits 0-9 and the letters A-F. The MASTER KEY may be injected from a personal computer (using a special floppy disk), entered manually at the keypad, or come pre-loaded from the factory.

- **Comms Key**

The COMMS KEY is an encryption key, provided by the processor, which is used to create the customer PIN block for on-line transactions. The key is a 16-character string, consisting of the digits 0-9 and the letters A-F. The COMMS KEY is downloaded from the processor or manually entered at the keypad.

SECTION 3 - OPERATION AND SETUP

- ***TELEPHONE NUMBER***

The Cash Dispenser communicates to your host processor over a dial up phone line. The phone number of the processor must be entered before live transactions can be performed.

ADDITIONAL PARAMETERS

In addition to the configuration parameters described in the previous paragraphs, there are several other parameters that will need to be entered into the Cash Dispenser to complete its setup. The procedures for setting each of these parameters are found in Section 5 of this manual. Some parameters are processor-specific and may not be available for all locations.

- ***Store Message***

The Store Message consists of up to four lines of text that are printed at the top of each receipt and report. This message is typically used to print the store name, address and phone number.

- ***Marketing Message***

The Marketing Message consists of up to four lines of text that are printed at the top of each receipt and report. This message can be used for advertising purposes, sales notifications, promotions, or other purposes.

- ***Surcharge Owner***

The name of the surcharge owner is stored in the terminal and printed on the receipt.

- ***Terminal Owner***

The name of the Terminal Owner is stored in the terminal and displayed to the customer in the surcharge-warning message.

- ***Welcome Message***

The Welcome Message consists of three lines of text that are displayed on the Customer Welcome screen.

SECTION 3 - OPERATION AND SETUP

- ***Language Option***

This feature allows the terminal operator to select the language that is displayed to the customer during a transaction, as well as the language in which the Management Functions are presented. A feature is also provided that gives the customer the option of selecting a preferred language. Also, some terminal software versions allow receipts to be printed using the non-English language choice.

- ***Receipt Option***

This feature allows the customer to select the option of receiving or not receiving a receipt at the completion of a transaction.

- ***Coupon Options***

Coupons are used for promotional purposes. The owner of the Cash Dispenser can use the Coupon Options feature to issue printed coupons from the receipt printer. Coupons are issued randomly (based on percentage) or whenever a customer uses the Cash Dispenser to withdraw more than a predetermined minimum amount of cash.

SETUP PARAMETERS

Table 3-1, Multi-Cassette Cash Dispenser Setup Parameters, lists all of the operator-configurable parameters accessible through the Management Functions. References to the specific pages in Section 5, Management Functions, are provided to help quickly locate the description and applicable setup instructions for each parameter. In most cases the factory default value of each parameter is also provided.

Although many of the parameters have been set at the factory, it is important to verify that the settings are appropriate. Certain default values are merely ‘place holders’ and should be changed to reflect the actual settings and values required. Review the table and take the time to make the necessary changes and updates as needed to ensure the terminal is completely setup, customized for its intended application, and ready to operate.

SECTION 3 - OPERATION AND SETUP

MULTI-CASSETTE CASH DISPENSER SETUP PARAMETERS					
FUNCTION/PARAMETER		FACTORY DEFAULT	PAGE NO.	FUNCTION/PARAMETER	
CLOSE			28	STORE MESSAGE	*
1	SCHEDULE CLOSE	OFF	5-7	29	TERMINAL OWNER
2	CHANGE SCHEDULE	*	5-8	SET TERMINAL PARAMETERS	
3	SEND TERMINAL TOTALS	OFF	5-9	30	SET TERMINAL #
4	ENTER QTY. IN CASSETTE	0	5-15	31	SURCHARGE PERCENT
LANGUAGE / IDIOMA			32	LESSER/GREATER SELECTION	LESSER
5	ENGLISH/INGLES	*	5-29	33	ENABLE/DISABLE SURCHARGE
6	SPANISH/ESPAÑOL	*	5-30	34	SURCHARGE LOCATION
7	ENABLE/DISABLE CUST. OPTION	DISABLED	5-31	35	BLOCK ISO'S
PASSWORD MAINTENANCE			36	SURCHARGE AMOUNT	\$0.00
8	MASTER PASSWORD	123456	5-38	CASSETTE SETUP	
9	ADMINISTRATION PASSWORD	987654	5-39	37	DISPENSE DIRECTION
PRINTER SETTINGS			38	INTERNATIONAL CURRENCY	*
10	SET PRINT LENGTH	35	5-42	39	MAXIMUM AMOUNT
11	LOW RECEIPT PAPER	OFF	5-43	40	MAX. NON-CASH
12	PRINTER GRAPHICS	DISABLED	5-44	41	EXTENDED AMOUNT
RANDOM / LEVEL PRIZE COUPONS			42	VALUE	*
13	ENTER LEVEL PRIZE MESSAGE	NONE	5-47	43	TYPE
14	ENTER RANDOM PRIZE MESSAGE.	NONE	5-48	44	SERVICE
15	ENABLE/DISABLE COUPON AWARD	DISABLED	5-49	45	DESCRIPTION
16	SET LEVEL PRIZE AMOUNT	\$0.00	5-50	46	FAST CASH AMOUNT
17	SET RANDOM WINNING %	0%	5-51	47	MKEY INDEX
18	SELECT LEVEL COUPON CASS.	NONE	5-53	48	ENTER MASTER KEY
19	SELECT RANDOM COUPON CASS.	NONE	5-54	49	INJECT MASTER KEY
20	ENABLE/DISABLE COUPON AWARD	DISABLED	5-55	50	ENTER COMMS KEY
21	SET LEVEL PRIZE AMOUNT	\$0.00	5-56	51	DOWNLOAD COMMS KEY
22	SET RANDOM WINNING %	0%	5-57	52	PRIMARY NUMBER (TELEPHONE)
CHANGE MESSAGES			53	BACKUP NUMBER (TELEPHONE)	NONE
23	MARKETING MESSAGE	*	5-59	54	PREDIAL ON/OFF
24	SURCHARGE MESSAGES	*	5-60	55	COMPUSEIVE ID
25	WELCOME MESSAGE	*	5-62	56	DIAL MODE
26	SURCHARGE OWNER	*	5-63	57	DIAL RATE
27	CHANGE EXIT MESSAGE	*	5-64	58	BAUD RATE
*REFER TO SECTION 5, MANAGEMENT FUNCTIONS, FOR INFORMATION ON THE FACTORY DEFAULTS FOR THESE FUNCTIONS.					

SECTION 3 - OPERATION AND SETUP

MULTI-CASSETTE CASH DISPENSER SETUP PARAMETERS						
FUNCTION/PARAMETER		FACTORY DEFAULT	PAGE NO.	FUNCTION/PARAMETER		PAGE NO.
59	MODEM SETUP STRING	*	5-108	71	ENABLE/DISABLE COMMUNICATION HEADER	DISABLED 5-127
MORE TERMINAL PARAMETERS				72	CHANGE COMMUNICATION HEADER	* 5-127
60	ADJUST VOLUME/CONTRAST	*	5-111	73	ALARM THRESHOLDS ON/OFF	OFF 5-129
61	RECEIPT OPTION	DISABLED	5-112	74	SET LOW CASH THRESHOLD	* 5-130
62	PRIMARY NUMBER (TRITON CONNECT)	NONE	5-114	75	SET JOURNAL THRESHOLD	* 5-131
63	BACKUP NUMBER (TRITON CONNECT)	NONE	5-115	76	SET SCHEDULED JOURNAL	* 5-132
64	PRIMARY ALARM NUMBER (TRITON CONNECT)	NONE	5-117	77	VIEW/MODIFY OPTIONS	* 5-133
65	BACKUPALARM NUMBER (TRITON CONNECT)	NONE	5-118	TERMINAL CONFIGURATION		
66	ENABLE/DISABLE CALLBACK	DISABLED	5-119	78	SET DATE FORMAT	MM/DD/YY 5-138
67	ENABLE/DISABLE TRITON CONNECT	DISABLED	5-120	79	SET DATE	N/A 5-140
68	STATUS MONITORING	DISABLED	5-122	80	SET TIME	N/A 5-141
69	HEARTBEAT MESSAGE	*	5-123	81	TRANSACTION TYPES	ON 5-142
70	AD SCREENS	DISABLED	5-126	82	ACCOUNT TYPES	ON 5-143
*REFER TO SECTION 5, MANAGEMENT FUNCTIONS, FOR INFORMATION ON THE FACTORY DEFAULTS FOR THESE FUNCTIONS.						

SECTION 4

HANDLING CASSETTES

SECTION 4 - HANDLING CASSETTES

IMPORTANT NOTICE REGARDING CURRENCY AND NON-CASH MEDIA

The cassette (Figure 4-1) used in Multi-Cassette Cash Dispensers is capable of holding up to 1600 documents each, depending on document condition and thickness. Currency and non-cash media loaded into the cassettes must be in FIT condition. FIT CURRENCY or NON-CASH MEDIA is defined as that which **does not** possess any of the characteristics listed below:

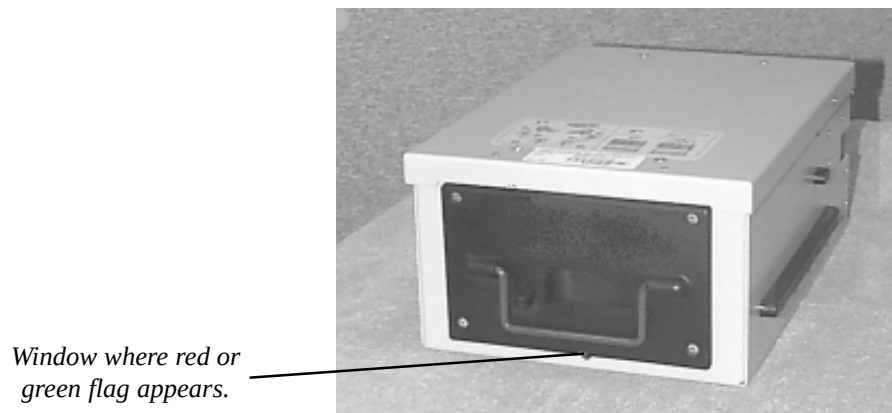


Figure 4-1. Cassette used in Multi-Cassette Cash Dispensers.

Used Currency and Non-cash Media

- Sticky or adhesive materials on the surface of the paper.
- Rips, tears, holes or missing sections in the body of the currency or non-cash media.
- Tape on the surface of the currency or non-cash media used for repairing, patching or any other purpose.
- Staples, pins or any other foreign body attached to the currency.
- Dog ears of a size greater than 1/2 inch.
- Currency or non-cash media which has not retained sufficient “life” and which appears limp and rag-like.
- Two or more sheets of currency or non-cash media which are joined together by any means.
- Near new currency or non-cash media which has been excessively crumpled or crinkled.

New Currency and Non Cash Media

- As listed for used currency and non-cash media.

SECTION 4 - HANDLING CASSETTES

- Excessive bowing due to conditions of packing and storage. Any curvature of more than one eighth of an inch is unacceptable and may degrade the Cash Dispenser operation.

PREPARING CASH AND NON-CASH MEDIA FOR USE IN A MULTI-CASSETTE CASH DISPENSER

Currency should first be prepared according to the following instruction

1. All wrapping must be removed from the currency or non-cash media.
2. New or uncirculated currency and non-cash media must be “burst” to separate the individual sheets. This is accomplished by bending the bundle backwards and forwards in both planes. As this is being done the individual notes will be heard breaking apart.

REMOVING A CASSETTE FROM A MULTI-CASSETTE CASH DISPENSER

Use the following procedure to remove a cassette from a Multi-Cassette Cash Dispenser:

1. Turn off the AC power to the Cash Dispenser by placing the ON/OFF switch, located on the right rear of the electronic module, to the OFF position.
2. Open the security cabinet door to gain access to the cassettes.
3. To remove a cassette, place the palm of one hand on the top spacer shaft of the dispensing mechanism. Then grasp the green cassette handle of the cassette with the other hand, and pull firmly to remove the selected cassette (Figure 4-2).

*****CAUTION*****

Do not allow the cassette to swing freely when it is pulled out. It may strike a nearby object or person causing damage to or injury.



Figure 2-2. Removing a cassette from the dispensing mechanism.

SECTION 4 - HANDLING CASSETTES

REPLENISHING A CASSETTE

1. Remove the seal from the location hole if present. (Figure 4-3). Push the lock latch to the right. If necessary, push down on the lid to relieve pressure from the lock. The cassette is now open and the lock is primed for insertion into the dispensing mechanism.
2. Gently lift the lid until the lid support latches in place as shown in Figure 4-4.
3. While pressing on the green packer plate latch, as shown in Figure 4-5, pull the packer plate backward until the latch locks in place.

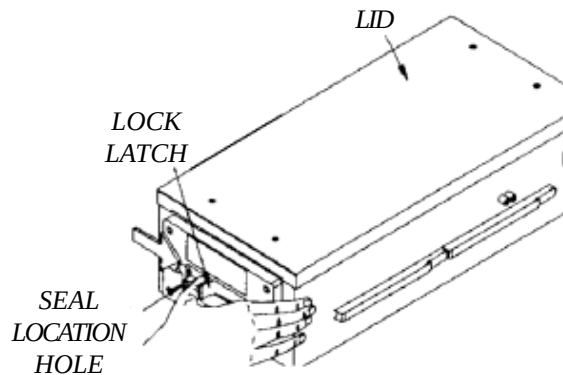


Figure 4-3. Opening the cassette.

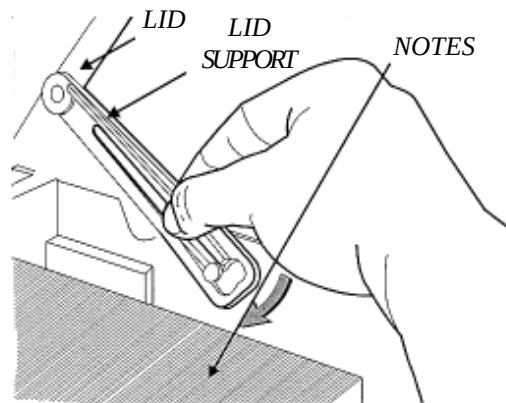


Figure 4-4. Latching the lid in the raised position.

SECTION 4 - HANDLING CASSETTES

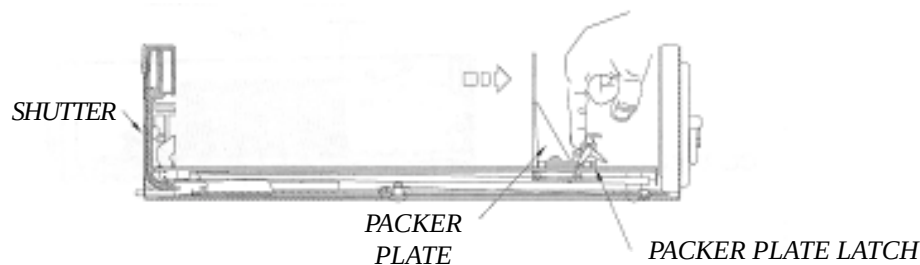


Figure 4-5. Locking the packer plate latch.

4. Load currency or non-cash media evenly in the cassette. The lower edge of each note should rest on the cassette note table. If the notes are curved, make sure the inside of the curve is to the front of the cassette when loaded (Figure 4-6).

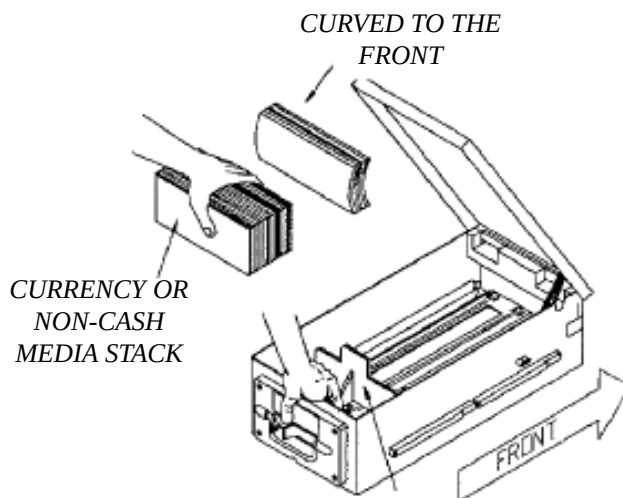


Figure 4-6. Replenishing the cassette

5. Once the cassette is loaded, **release the green packer plate latch** and allow the packer plate to close gently against the currency or non-cash media (See Figure 4-7). Don't allow the packer plate to place excessive pressure on the stack of notes. Too much pressure may cause a failure to feed.
6. Release the lid support and push down on the lid until it latches. Lock the cassette or seal it if required.

SECTION 4 - HANDLING CASSETTES

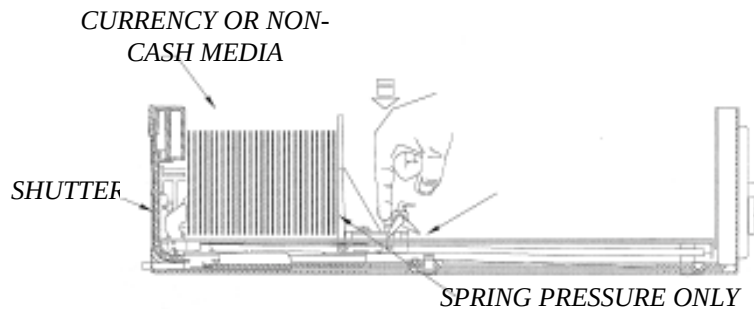


Figure 4-7. Releasing the packer plate latch.

INSTALLING THE CASSETTE INTO THE DISPENSING MECHANISM

1. Inspect the window on the front of the cassette. Verify that it is green, indicating that the shutter is unlocked and ready to be installed in the dispensing mechanism.

WARNING

DO NOT install the cassette into the dispensing mechanism when the window is **RED**. The cassette and mechanism could be damaged. To prime a cassette for installation: 1) Open the lid by pushing the lock latch to the right to release the lid and prime the lock. 2.) Close the cassette by pushing down on the lid until it latches in place.



Figure 4-8. Installing a cassette.

SECTION 4 - HANDLING CASSETTES

2. To insert the cassette, make sure that the cassette runners are positioned above the rails on the feed channel. (Figure 4-8)
3. Push the cassette into the mechanism firmly and smoothly, until it locks on the stops. As the cassette is pushed fully home, the lock mechanism will trip changing the color of the flag in the window to red.

*****WARNING*****

DO NOT pull the cassette out and attempt to push it in once the lock has been released. Doing so may cause damage to the cassette locking mechanism. Always prime the cassette before installing.

INTERCHANGEABILITY OF CASSETTES

It is not necessary to place the same cassette in the same feed channel each time it is installed in a given mechanism. Cassettes are identified by a magnetic coding system that is read by the dispensing mechanism each time a cassette is inserted. The user must make sure the currency or non-cash media is loaded into a cassette in accordance with the designated code for that particular cassette.

HANDLING THE REJECT BOX

The Reject Box must be installed in the dispensing mechanism for the machine to operate correctly. Attempting to operate a Multi-Cassette Cash Dispenser without the Reject Box will result in an "OUT OF SERVICE" condition with an Error Code "90".

1. To remove a Reject Box (See Figure 4-10.), place the palm of one hand on the top spacer shaft of the dispensing mechanism. Then grasp the green handle on the Reject Box with the other hand, and pull firmly to remove the selected cassette.

*****CAUTION*****

Do not allow the Reject Box to swing freely when it is pulled out. It may strike an nearby object or person causing damage or injury.

SECTION 4 - HANDLING CASSETTES



Figure 4-10. Removing the Reject Box

2. Open the Reject Box by removing the seal (if there is a seal in place) from the seal hole. Push the lock latch to the right. Lift the lid. Remove the rejected currency or non-cash items from the Reject Box.
3. To insert the Reject Box (See Figure 4-11.), make sure the lid is closed. If required, use a seal through the seal hole in the lock latch.
4. Position the Reject Box on the runners above the rails on the feed module.
5. Push the Reject Box firmly but smoothly fully into the dispensing mechanism, until it locks on the stops.



Figure 4-11. Installing the Reject Box.

SECTION 5

MANAGEMENT FUNCTIONS

SECTION 5 - MANAGEMENT FUNCTIONS

INTRODUCTION

This section describes the MANAGEMENT FUNCTIONS available for controlling the Cash Dispenser. When the CUSTOMER WELCOME screen is displayed, you can access the MANAGEMENT FUNCTIONS menu by following the procedure described next.

ACCESSING THE MANAGEMENT FUNCTIONS MENU

- 1.) Press the <BLUE> key and the <1> key at the same time.
- 2.) At the Top Menu (see figure to the right), select MANAGEMENT FUNCTIONS.
- 3.) Enter the MASTER or ADMINISTRATION password at the Password Entry display (see figure below). The factory default MASTER PASSWORD is '123456'. The factory default ADMINISTRATION PASSWORD is '987654'.



The TOP MENU Screen.

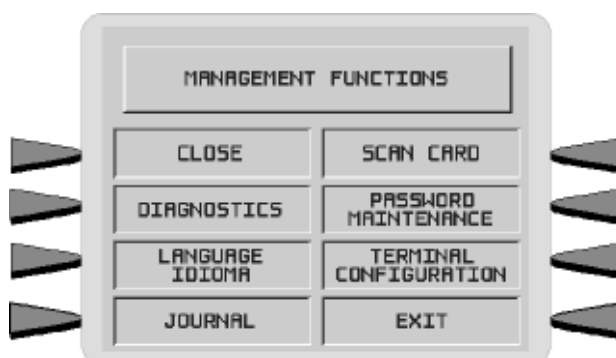


The PASSWORD entry screen.

When a valid password is entered, the MANAGEMENT FUNCTIONS menu (see the figure on the next page) will be displayed.

Once you have entered the MANAGEMENT FUNCTIONS Menu you may perform any of the functions allowed by the type of password used. The ADMINISTRATION password allows access to a limited group of functions such as CLOSE, DIAGNOSTICS, etc. The MASTER PASSWORD allows access to all functions performed with the ADMINISTRATION password plus access to the Cash Dispenser configuration functions.

SECTION 5 - MANAGEMENT FUNCTIONS



The MANAGEMENT FUNCTIONS Screen.

Each MANAGEMENT FUNCTION description will include the function name, instructions for accessing the function, a factory default value (if applicable) and any error conditions associated with the use of the function.

FUNCTION AVAILABILITY

Some function screens or options described on the following pages may be present but not accessible on your Cash Dispenser. In these cases when you attempt to access the function you will receive a message informing you that the feature or hardware required to support it is not available.

In other cases a function screen or option described here may not even be present in the Management Functions for your particular Cash Dispenser. In such cases this is because the function is not available in the version of terminal operating software currently loaded in the unit.

You may also notice that the factory default values for some functions on your terminal may differ from the values shown in this manual. Again, this is because versions of the terminal operating software customized for a particular processor may require non-standard default values for some parameters.

MANAGEMENT FUNCTIONS CHART

The chart on the next page shows the organization of the various Management Functions. You can use this chart to quickly navigate to a particular function, or simply to see how functions are grouped and related together at different “levels” of the menu structure.

[illegible]

Management Functions Chart

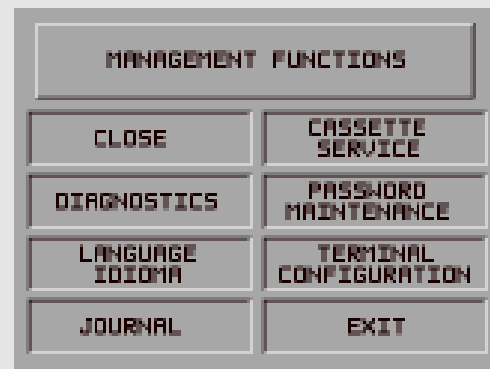
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: MANAGEMENT FUNCTIONS

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

Select the MANAGEMENT FUNCTIONS option from the Top Menu (see page 5-2 for instructions on how to access the Top menu).



DESCRIPTION:

The MANAGEMENT FUNCTIONS menu allows the terminal operator to access the following functions:

- 1.) CLOSE
- 2.) DIAGNOSTICS
- 3.) LANGUAGE/IDIOMA
- 4.) JOURNAL
- 5.) CASSETTE SERVICE
- 6.) PASSWORD MAINTENANCE
- 7.) TERMINAL CONFIGURATION

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: CLOSE

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

Select the CLOSE option from the MANAGEMENT FUNCTIONS screen to view the options available from the SELECT CLOSE FUNCTION menu.

SELECT CLOSE FUNCTION

SCHEDULE CLOSE

SEND TERMINAL TOTALS

TRIAL CLOSE

DAY CLOSE

CASSETTE CLOSE

TRIAL CASSETTE CLOSE (ALL)

EXIT

DESCRIPTION:

The SELECT CLOSE FUNCTION menu allows the terminal operator to perform the following functions:

- 1.) SCHEDULE CLOSE
- 2.) SEND TERMINAL TOTALS
- 3.) TRIAL CLOSE
- 4.) DAY CLOSE
- 5.) CASSETTE CLOSE
- 6.) TRIAL CASSETTE CLOSE (ALL)

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

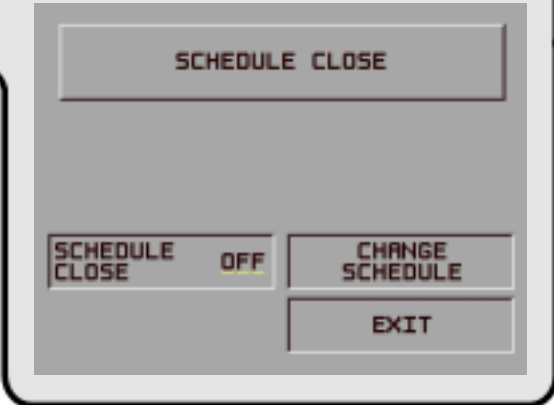
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SCHEDULE CLOSE

FACTORY DEFAULT: OFF

ACCESS INSTRUCTIONS:

- 1.) Select CLOSE from the MANAGEMENT FUNCTION screen.
- 2.) Select SCHEDULE CLOSE.



DESCRIPTION:

This function allows you to turn on or off the SCHEDULE CLOSE feature. It also provides access to the CHANGE SCHEDULE function, which allows you to specify the time of day when a CLOSE process will be automatically initiated (if the SCHEDULE CLOSE feature is turned ON). When the feature is turned OFF, the close procedure must be initiated manually.

The current state of the SCHEDULE CLOSE feature is shown as either ON or OFF in the label on the left-hand side of the display. Press the button next to this label to toggle the state of the feature between ON and OFF.

NOTE: The close information will be written to the Electronic Journal, allowing it to be printed out, or retrieved by a remote computer equipped with Triton Connect software (version 3.0 or later). Day Close reports initiated by this function will not be printed by the receipt printer.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: CHANGE SCHEDULE

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select CLOSE from the MANAGEMENT FUNCTION screen.
- 2.) Select SCHEDULE CLOSE.
- 3.) Select CHANGE SCHEDULE.

TIME SET

HH:MM:SS XM

BACKSPACE-->
CLEAR-->
QUIT-->
SET TIME-->

DESCRIPTION:

This function is used to set the time, in hours and minutes, at which the terminal will automatically initiate contact with the processor and perform a close operation. The time is entered in the form 'HH:MM:SS' (hours, minutes, seconds). Do not enter the ':' characters separating the fields, just the fields themselves. Press CLEAR to erase everything and start over. Press the BACKSPACE key to back up and erase a single character. Press QUIT to escape without doing anything. Press SET TIME to load the entered time into the clock.

The Cash Dispenser will not let you enter an invalid number for hours or minutes. The clock will properly handle the rollover to the year 2000.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

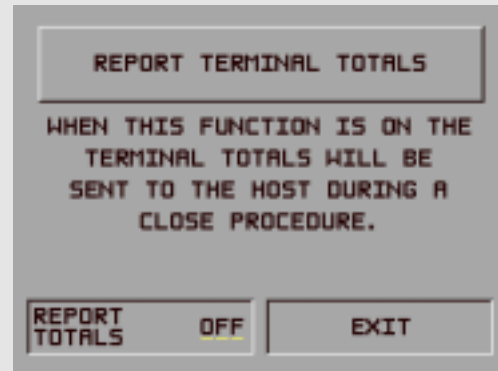
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SEND TERMINAL TOTALS

FACTORY DEFAULT: OFF

ACCESS INSTRUCTIONS:

- 1.) Select CLOSE from the MANAGEMENT FUNCTION screen.
- 2.) Select SEND TERMINAL TOTALS.



DESCRIPTION:

This function allows you to turn on or off the REPORT TERMINAL TOTALS feature. When the feature is turned ON, the terminal will send accumulated totals information to the processor during the close operation. Terminal totals include the total value of all withdrawal, inquiry and transfer transactions that have occurred since the last close operation (see the description of the DAY CLOSE function for additional information).

The current state of the SEND TERMINAL TOTALS feature is shown as either ON or OFF in the label on the left-hand side of the display. Press the button next to this label to toggle the state of the feature between ON and OFF.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: TRIAL CLOSE

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select CLOSE from the MANAGEMENT FUNCTIONS screen.
- 2.) Select TRIAL CLOSE.

DESCRIPTION:

The TRIAL CLOSE function is used during the daily close procedure. It does the same thing as DAY CLOSE, except that the totals are not cleared.

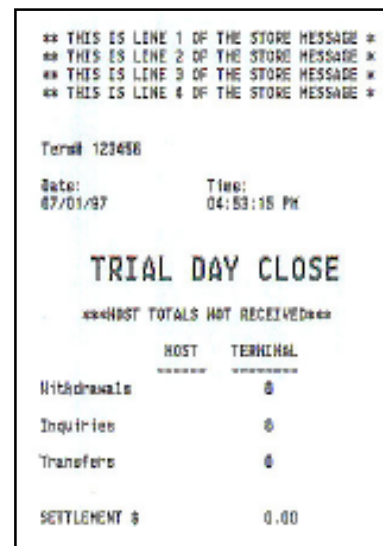
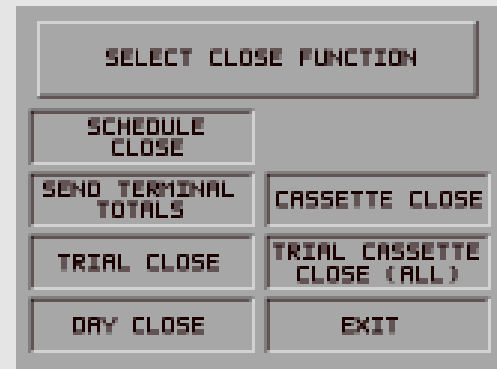
The report printed by the TRIAL CLOSE is used to balance your Cash Dispenser before you actually balance with your processor. It contains information obtained from the processor and information that is obtained from the terminal itself.

Typically, you would do a TRIAL CLOSE to get the totals from the Cash Dispenser.

The report shows the total number of customer transactions (Withdrawals, Inquiries and Transfers) recorded by the host processor and the terminal since the last Day Close was performed. The two-column format allows the host and terminal totals in each category to be easily compared. The 'Settlement \$' value is the host processor's record of the total currency dispensed from the terminal since the last Day Close was performed.

ERROR CONDITIONS:

A call to the processor host computer is required to complete the operation. If the call to the host is not completed successfully, a warning (***HOST TOTALS NOT RECEIVED***) will be printed on the report.



Sample TRIAL DAY CLOSE receipt.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: DAY CLOSE

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select CLOSE from the MANAGEMENT FUNCTIONS screen.
- 2.) Select DAY CLOSE.

SELECT CLOSE FUNCTION

SCHEDULE CLOSE	
SEND TERMINAL TOTALS	CASSETTE CLOSE
TRIAL CLOSE	TRIAL CASSETTE CLOSE (ALL)
DAY CLOSE	EXIT

DESCRIPTION:

The DAY CLOSE Function is used to complete daily balancing of the Cash Dispenser with the processor. The DAY CLOSE is performed to clear the totals and switch to the next business day. This function prints a report summarizing all of the activity done by the Cash Dispenser since the last DAY CLOSE was completed. The information includes a total of all transactions.

This function also calls your host processor's computer and commands it to download the totals it has accumulated for the current business day.

The DAY CLOSE is normally completed as the final step in the daily balancing process. The DAY CLOSE report is printed to the receipt printer. The TRIAL CLOSE function does the same thing as the DAY CLOSE, except that the totals are not cleared. See the TRIAL CLOSE function for more information.

NOTE: If the DAY CLOSE is not performed at the same time as the processors' day close, the host and terminal totals may not match.

```

** THIS IS LINE 1 OF THE STORE MESSAGE **
** THIS IS LINE 2 OF THE STORE MESSAGE **
** THIS IS LINE 3 OF THE STORE MESSAGE **
** THIS IS LINE 4 OF THE STORE MESSAGE **

Term: TRTX0002
Date: 06/06/97      Time: 01:43:00 PM

DAY CLOSE
***HOST TOTALS NOT RECEIVED***

          TERMINAL
          (FOR STORE TOTALS ONLY)

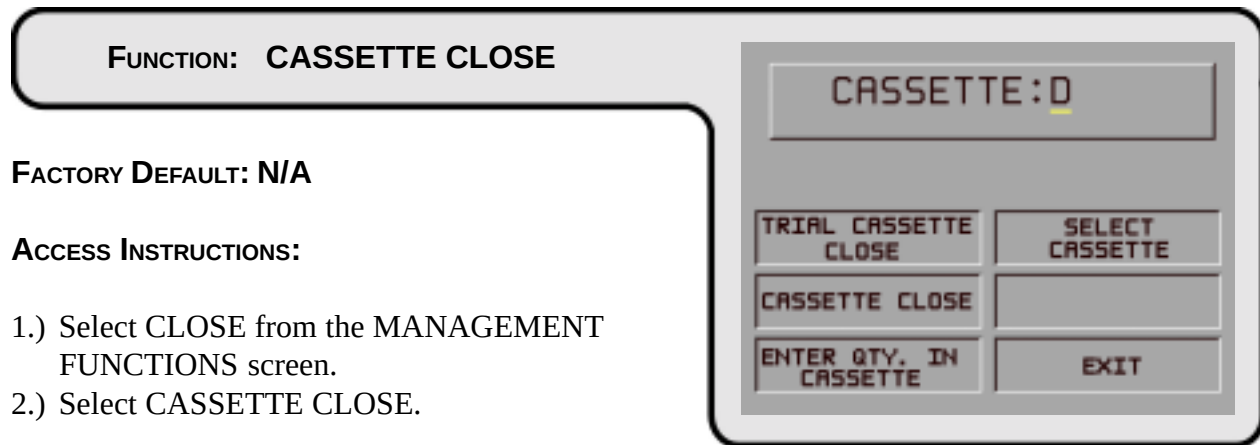
Withdrawals      0
Inquiries        0
Transfers        0
SETTLEMENT $      0.00
  
```

Sample DAY CLOSE receipt.

ERROR CONDITIONS:

A call to the processor host computer is required to complete the operation. If the call to the host is not completed successfully, a warning (**HOST TOTALS NOT RECEIVED**) will be printed on the report.

SECTION 5 - MANAGEMENT FUNCTIONS



DESCRIPTION:

The CASSETTE CLOSE option is used to perform cassette-specific close operations. When the CASSETTE CLOSE option is selected, a cassette selection screen (see the description of the SELECT CASSETTE function for more information) is presented which allows the operator to select the specific cassette which will be the focus of the close operations. The cassette selection screen is followed by the cassette close options screen. The CASSETTE CLOSE option screen provides access to the following functions:

- 1.) TRIAL CASSETTE CLOSE
- 2.) CASSETTE CLOSE
- 3.) ENTER QTY. IN CASSETTE
- 4.) SELECT CASSETTE

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: TRIAL CASSETTE CLOSE

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select CLOSE from the MANAGEMENT FUNCTION screen.
- 2.) Select CASSETTE CLOSE. Choose a cassette (A, B, C, or D).
- 3.) Select TRIAL CASSETTE CLOSE.

DESCRIPTION:

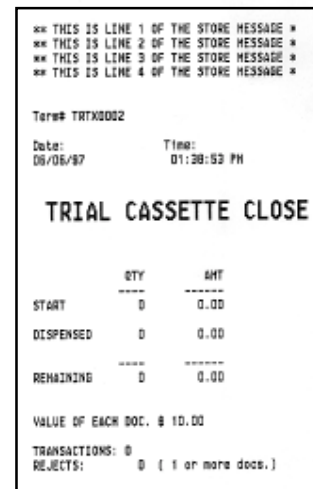
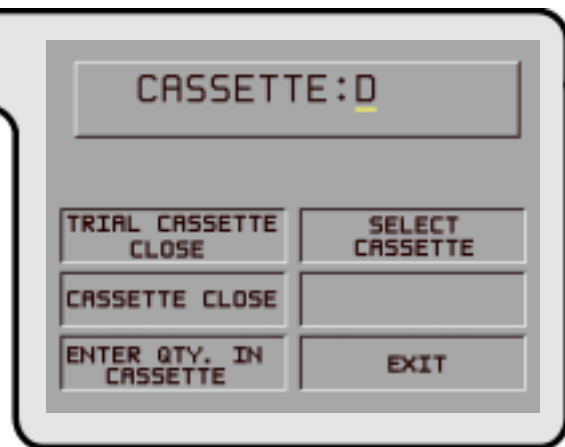
Selecting this function prints a receipt summarizing activity on the cassette since the last CASSETTE CLOSE was performed. The totals are not cleared (set to zero) or reported to the host during a trial cassette close.

The following information is provided:

- 1.) **START.** Includes the starting quantity of notes in the cassette, and the total value of this quantity.
- 2.) **DISPENSED.** Shows the number of notes that have been dispensed and the value of this quantity of notes.
- 3.) **REMAINING.** Shows the number of notes remaining in the cassette, and the total value of these notes.
- 4.) **VALUE OF EACH DOC.** The denomination of the notes in the cassette.
- 5.) **TRANSACTIONS.** The number of transactions that have occurred since the last.
- 6.) **REJECTS.** The number of reject events. Rejects can involve more than a single note per event.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.



Sample TRIAL CASSETTE CLOSE receipt.

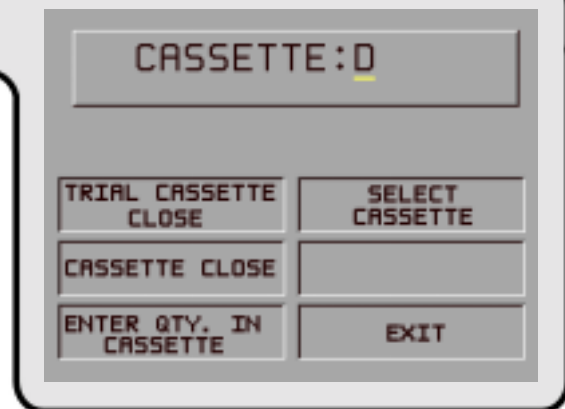
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: CASSETTE CLOSE

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select CLOSE from the MANAGEMENT FUNCTION screen.
- 2.) Select CASSETTE CLOSE. Choose a cassette (A, B, C, or D).
- 3.) Select CASSETTE CLOSE.



DESCRIPTION:

The CASSETTE CLOSE function is used to complete the balancing of a specific currency cassette of the Cash Dispenser. This function prints a report summarizing all activity on the Cash Dispenser for the selected cassette since the last CASSETTE CLOSE was completed. The report includes a total of all transactions.

The CASSETTE CLOSE is normally completed as the final step in balancing the currency cassette before removing it to be replenished. The CASSETTE CLOSE report is printed to the Receipt Printer. Completing a CASSETTE CLOSE clears the cassette total from the Cash Dispenser.

```

** THIS IS LINE 1 OF THE STORE MESSAGE *
** THIS IS LINE 2 OF THE STORE MESSAGE *
** THIS IS LINE 3 OF THE STORE MESSAGE *
** THIS IS LINE 4 OF THE STORE MESSAGE *

Term# TRX0002

Date: 06/06/97      Time: 01:43:14 PM

      CASSETTE CLOSE

      QTY      AMT
----
START      0      0.00
DISPENSED   0      0.00

REMAINING   0      0.00

VALUE OF EACH DOC. $ 10.00

TRANSACTIONS: 0
REJECTS:      0 ( 1 or more docs.)
  
```

Sample CASSETTE CLOSE receipt.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

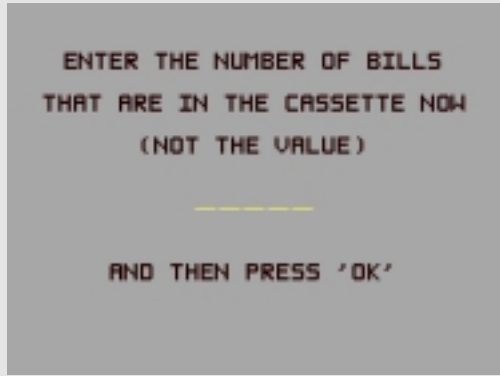
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ENTER QTY. IN CASSETTE

FACTORY DEFAULT: '0'

ACCESS INSTRUCTIONS:

- 1.) Select CLOSE from the MANAGEMENT FUNCTION screen.
- 2.) Select CASSETTE CLOSE. Choose a cassette (A, B, C, or D).
- 3.) Select ENTER QTY. IN CASSETTE.



ENTER THE NUMBER OF BILLS
THAT ARE IN THE CASSETTE NOW
(NOT THE VALUE)

AND THEN PRESS 'OK'

DESCRIPTION:

The ENTER QTY. IN CASSETTE function allows entry of the number of documents in the cassette. This number is used as a starting point for the cassette close report. Enter the total number of documents in the cassette and press OK.

NOTE: Enter the *number* of documents placed in a cassette, not the value of those documents.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SELECT CASSETTE

FACTORY DEFAULT: 'N/A'

ACCESS INSTRUCTIONS:

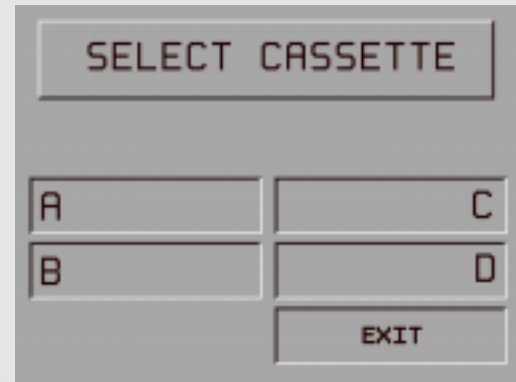
- 1.) Select CLOSE from the MANAGEMENT FUNCTION screen.
- 2.) Select CASSETTE CLOSE. Choose a cassette (A, B, C, or D).
- 3.) Choose the SELECT CASSETTE option.

DESCRIPTION:

This option provides a convenient way to switch between cassettes when performing cassette-specific close operations. Simply select the cassette you wish to work with and a menu of cassette related close functions will be presented. See the description of the CASSETTE CLOSE function for more information.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.



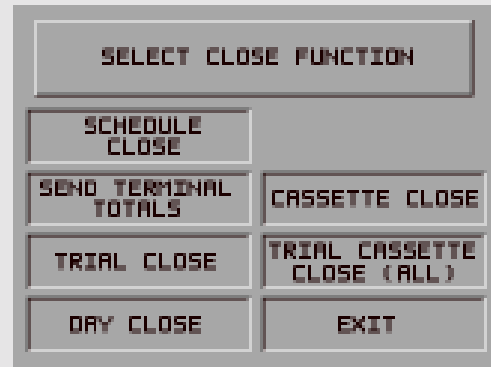
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: TRIAL CASSETTE CLOSE (ALL)

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select CLOSE from the MANAGEMENT FUNCTIONS screen.
- 2.) Select TRIAL CASSETTE CLOSE (ALL).



DESCRIPTION:

Selecting the TRIAL CASSETTE CLOSE (ALL) function prints a summary of all cassettes present with out clearing any totals. The host is not contacted.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

TRITON SYSTEMS, INC.
522 E. Railroad St.
Long Beach, MS 39560
(601) 668-1317

Term# 00000000

Date# 04/03/97

Time# 02:52:23 PM

TRIAL CASSETTE CLOSE

Cassette A

	QTY	AMT
START	0	0.00
DISPENSED	0	0.00
REMAINING	0	0.00

VALUE OF EACH DOC. \$ 5.00
REJECTS: 0 (1 or more docs.)

Cassette B

	QTY	AMT
START	0	0.00
DISPENSED	0	0.00
REMAINING	0	0.00

VALUE OF EACH DOC. \$ 10.00
REJECTS: 0 (1 or more docs.)

Cassette C

	QTY	AMT
START	0	0.00
DISPENSED	0	0.00
REMAINING	0	0.00

VALUE OF EACH DOC. \$ 20.00
REJECTS: 0 (1 or more docs.)

Cassette D

	QTY	AMT
START	0	0.00
DISPENSED	0	0.00
REMAINING	0	0.00

VALUE OF EACH DOC. \$ 0.00
REJECTS: 0 (1 or more docs.)

A sample print out for the TRIAL CASSETTE CLOSE (ALL) function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: DIAGNOSTICS

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

Select DIAGNOSTICS from the MANAGEMENT FUNCTIONS screen.

DESCRIPTION:

Select one of the following to perform the appropriate DIAGNOSTICS test:

- Select STATUS to determine the operational status of the Cash Dispenser.
- Select PURGE to complete a PURGE cycle on the dispensing mechanism.
- Select TEST DISPENSE to perform a combined dispense and reject operation on the dispensing mechanism.
- Select FORMAT MEMORY EXPANSION CARD to erase the contents of a memory Expansion Card and to prepare the card to receive new data.
- Select the TEST RECEIPT PRINTER option to test the operation of the Receipt Printer.
- Select the VERSION #'S option to display a screen that provides version numbers for the various components of the terminal operating software.
- Select the MORE DIAGNOSTICS option to access the following diagnostic functions:
 - RESET/TEST MODEM. Select this option to verify that a modem is installed and that it is capable of being configured.
 - SCAN CARD. Select this option to verify that a customer's ATM or credit card can be read by the terminal card reader.

NOTE: The diagnostics options do not have a time-out associated with them. You must manually exit the diagnostics mode when you are finished. Each of the diagnostics options is outlined on the following pages.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

DIAGNOSTICS

STATUS	TEST RECEIPT PRINTER
PURGE	VERSION #'S
TEST DISPENSE	MORE DIAGNOSTICS
FORMAT MEMORY EXPANSION CARD	EXIT

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: STATUS

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select DIAGNOSTICS from the MANAGEMENT FUNCTIONS screen.
- 2.) Select the STATUS option.

DESCRIPTION:

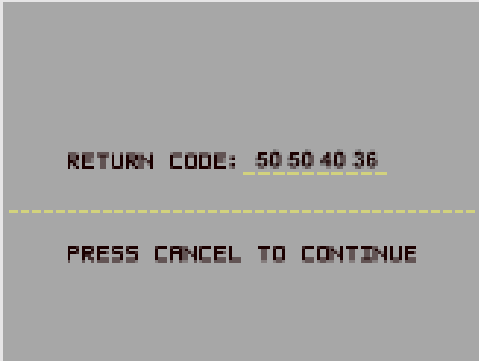
The STATUS command is used to check the status of four functional areas of the dispensing mechanism. These areas are the current Status of Count Sensors, the current Double Detect status, the current average thickness of the documents being dispensed, and the current average length of the documents being dispensed. Any of the following sets of return codes will indicate that all of the areas are operating normally:

- 1.) '40 50 40 36'
- 2.) '50 50 40 36'
- 3.) '44 50 40 36'
- 4.) '54 50 40 36'

The cancel button must be pressed to return to the diagnostic's menu.

ERROR CONDITIONS:

If any code other than what indicated above is displayed contact your service provider for assistance.



RETURN CODE: 50 50 40 36

PRESS CANCEL TO CONTINUE

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: PURGE

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select DIAGNOSTICS from the MANAGEMENT FUNCTIONS screen.
- 2.) Select the PURGE option.

RETURN CODE: 20 20 20

PRESS CANCEL TO CONTINUE

DESCRIPTION:

The purge command instructs the dispenser to remove all documents from the feed path. When the purge command is used to clear the feed path following a jam or failure of the dispenser, some or all of the notes may pass out of the exit slot depending on their location and the fault condition. The return code for a successful purge is '30 30'. Press the cancel key to return to the diagnostics menu.

ERROR CONDITIONS:

If any code other than '30 30' is displayed contact your service provider for assistance.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: TEST DISPENSE

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

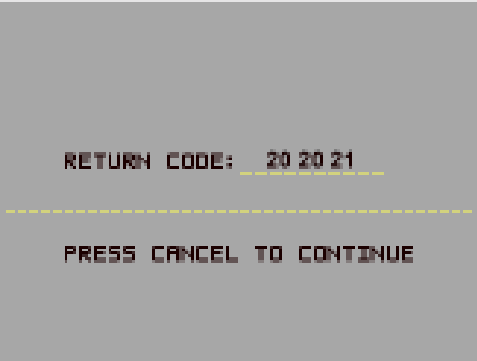
- 1.) Select DIAGNOSTICS from the MANAGEMENT FUNCTIONS screen.
- 2.) Select the TEST DISPENSE option.

DESCRIPTION:

This command instructs the dispensing mechanism to dispense one note from the cassette into the reject box. This test exercises the dispenser without sending notes out the exit. A return code of '30 30 30' indicates a successful test dispense. Press the cancel key to return to the diagnostics menu.

ERROR CONDITIONS:

If any code other than '30 30 30' is displayed contact your service provider for assistance.



RETURN CODE: 20 20 21

PRESS CANCEL TO CONTINUE

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: FORMAT MEMORY EXP. CARD

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select DIAGNOSTICS from the MANAGEMENT FUNCTIONS screen.
- 2.) Select the FORMAT MEMORY EXPANSION CARD option.



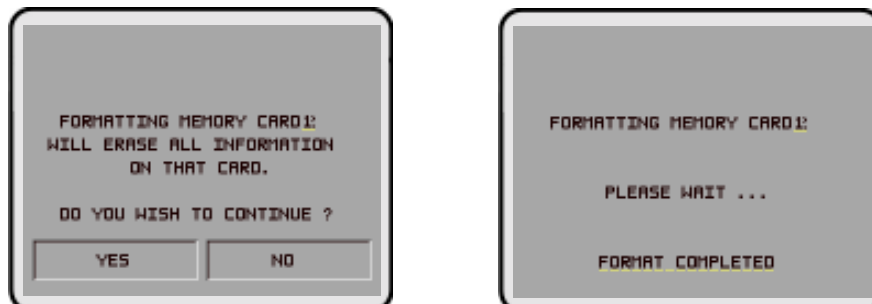
DESCRIPTION:

A Memory Expansion Card is formatted so that it is ready to accept downloaded files from a Triton Connect Host Computer. All Memory Expansion Cards are shipped from the factory formatted. If it becomes necessary to format a Memory Expansion Card, it can be accomplished from either the local terminal or through commands downloaded from a Triton Connect Host Computer.

****CAUTION****

Formatting a Memory Expansion Card will erase all files stored on the card. Do not format a Memory Expansion Card unless you have the capability to download files to the terminal.

When the SELECT MEMORY CARD TO FORMAT screen is displayed, the options that are made available are MEMORY CARD 1 or MEMORY CARD 2. Selecting either will begin the formatting process.



ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: TEST RECEIPT PRINTER

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select DIAGNOSTICS from the MANAGEMENT FUNCTIONS screen.
- 2.) Select the TEST RECEIPT PRINTER option.

RETURN CODE: 00

PRESS CANCEL TO CONTINUE

DESCRIPTION:

This command will print two lines of text on the receipt printer and then advance and cut the paper. The text should be 42 characters wide. The remainder of the information on the TEST RECEIPT PRINTER print out is terminal configuration data. If the printer test fails to print two lines of 42 characters, fails to advance the paper, or fails to cut the paper, contact your service provider for assistance. A return code of '00' indicates a successful printer test. Press the cancel key to return to the DIAGNOSTICS main menu.

ERROR CONDITIONS:

If any code other than '00' is displayed contact your service provider for assistance.

*Sample RECEIPT
PRINTER test results.*

```

123456789012345678901234567890123456789012
123456789012345678901234567890123456789012

Date: 10/13/98 Time: 02:12:37 PM
Mode: Demo
Term# 960004
Terminal Owner:
Epron Version: 5001.04850 01/08/98
Program Version: TA-DEMO.05 02/24/98
Table Version: TT-9615.04 02/25/98

Quad serial board is not installed
EPRON does support quad serial board
LED sign is not installed

Master Key is loaded.
Mkey Index: 2
Master Key Check Digits: 82E136
Comm. Key Check Digits: 82E136

Primary Phone Number: 9,5753200
Secondary Phone Number:
CompuServe Routing ID: A01100
Touch Tone, 300 Baud, Dial Rate: 70

Surcharging is disabled
Surcharge Owner:
Surcharge Amount: 2.00

Maximum Withdrawal Amount: 500.00
Maximum Non-Cash Amount: 0.00

Fast Cash Amounts: 10.00
                   20.00
                   30.00
                   40.00
                   50.00

Prize Coupon printing is disabled
Level prize amount: 0.00
Random prize %: 100

Dispensing coupons is enabled
Level prize amount: 0.00 Cassette B
Random prize %: 0 Cassette X

Minimum lines per receipt: 35

Cassette Summary: abCd

Cassette A
In Service      Cash      20.00
Description:

Cassette B
Out of Service  Non-Cash  0.00
Description:

Cassette C
Out of Service  Cash      20.00
Description:

Cassette D
In Service      Non-Cash  0.00
Description:

Dispenser direction is front
Double Encryption is disabled
Optional Receipt Printing is disabled
  
```

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: VERSION #'S**FACTORY DEFAULT: N/A****ACCESS INSTRUCTIONS:**

- 1.) Select DIAGNOSTICS from the MANAGEMENT FUNCTIONS screen.
- 2.) Select the VERSION #'S option.

PRESS ANY KEY TO CONTINUE

Version Date

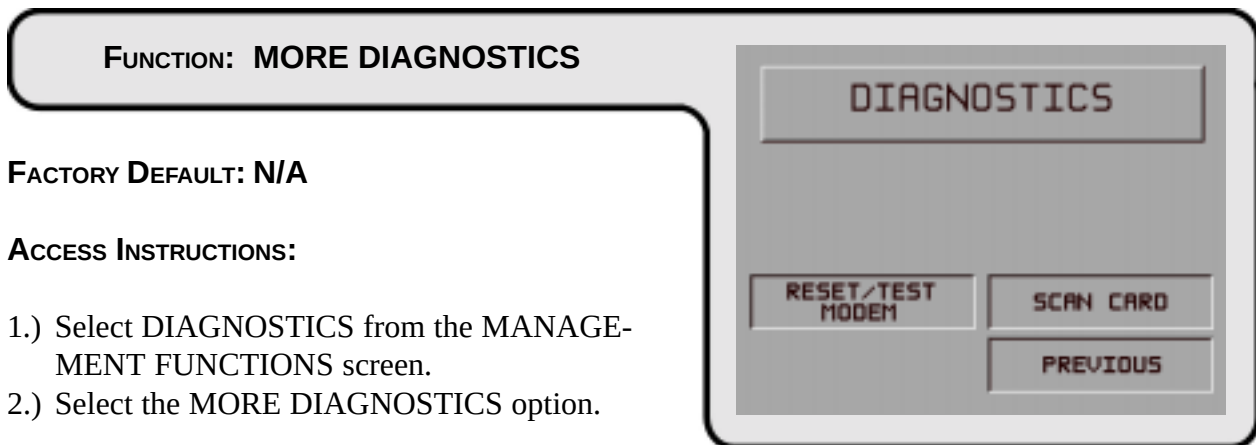
EPROM
PROGRAM
TABLE**DESCRIPTION:**

This function displays the version information for the terminal software that is running in the Cash Dispenser. Normally you do not need to access this function unless you are asked to by service personnel.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

**DESCRIPTION:**

This screen allows you to select additional diagnostics functions. The functions available are RESET/TEST MODEM, which performs a functional test of the modem hardware, and SCAN CARD, which enables you to test a customer's ATM or credit card for proper operation in the terminal card reader.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: RESET/TEST MODEM

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select DIAGNOSTICS from the MANAGEMENT FUNCTIONS screen.
- 2.) Select MORE DIAGNOSTICS.
- 3.) Select the RESET/TEST MODEM option.



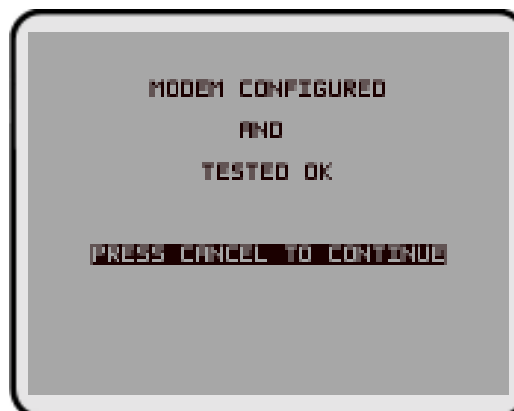
MODEM TESTING / INITIALIZATION
IN PROGRESS

PLEASE WAIT

DESCRIPTION:

This test confirms that the CPU Module can communicate with the modem and that the modem can be configured. This test does not test the ability of the modem to communicate on the phone line. If the RESET/TEST MODEM TEST fails, contact your service provider for assistance. Press the cancel key to return to the diagnostic's menu.

If the test is successful, the following message screen will be displayed:



ERROR CONDITIONS:

If the test fails, an error message will be displayed.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SCAN CARD

FACTORY DEFAULT: N/A

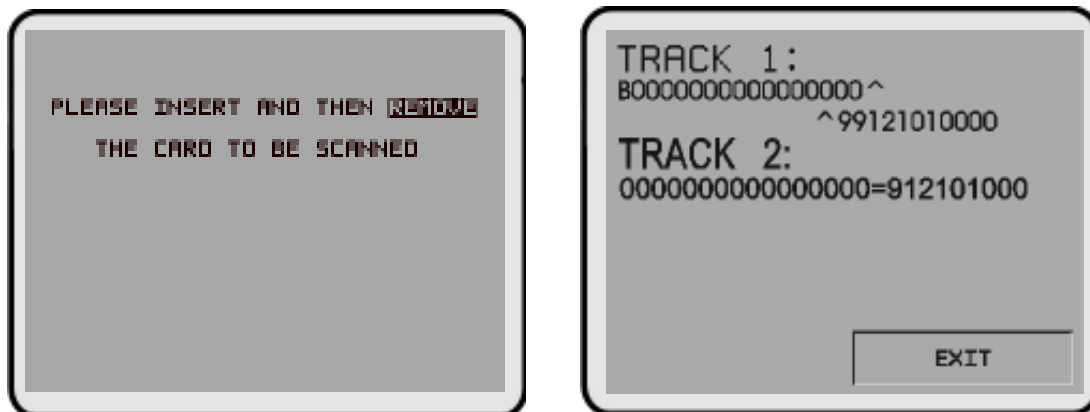
ACCESS INSTRUCTIONS:

- 1.) Select DIAGNOSTICS from the MANAGEMENT FUNCTIONS screen.
- 2.) Select MORE DIAGNOSTICS.
- 3.) Select the SCAN CARD option.

DESCRIPTION:

The SCAN CARD function reads a card and displays the information imprinted on its magnetic strip. This can be done on a customer card that doesn't seem to work in the Cash Dispenser. If the customer complains of card read errors, first make sure that he or she is inserting the card correctly. Then try to read the card with SCAN CARD. If the card can be read properly, the information from track 1 and track 2 will be displayed. A card need only have a readable track 2 to operate successfully in the Cash Dispenser.

A series of prompt screens direct the user to first INSERT the card to be scanned (shown above) and then to REMOVE it, after which the results of the scan are presented, as shown in the following:



ERROR CONDITIONS:

If the card is damaged or not a standard format, the screen will display an error message. If this happens, the card cannot be used for transactions on the Cash Dispenser.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: LANGUAGE/IDIOMA

FACTORY DEFAULT: Country-specific

ACCESS INSTRUCTIONS:

Select the LANGUAGE/IDIOMA option from the MANAGEMENT FUNCTIONS screen to view the additional options available.

DEFAULT LANGUAGE: **ENGLISH**
CUSTOMER SELECTED LANGUAGE
OPTION IS: **ENABLED**

ENGLISH INGLES	ENABLE CUST. OPTION
SPANISH ESPAÑOL	DISABLE CUST. OPTION
EXIT	

DESCRIPTION:

This function provides access to the options that control the language that is displayed on the Cash Dispenser LCD Display. Current language options include English or Spanish (certain international versions of terminal software provide a French option instead of Spanish), and a customer option feature enables or disables customer-selection of the language in which text is presented on the LCD display.

- 1.) ENGLISH / INGLES
- 2.) SPANISH / ESPAÑOL
- 3.) ENABLE CUST. OPTION
- 4.) DISABLE CUST. OPTION

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: **ENGLISH/INGLES**

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select the LANGUAGE/IDIOMA option from the MANAGEMENT FUNCTIONS screen.
- 2.) Select the ENGLISH/INGLES option.



DESCRIPTION:

Choosing this function when the DISABLE CUST. OPTION is selected will set the LCD screen to display only English text during a transaction.

Choosing this function when the ENABLE CUST. OPTION is selected will present customer transaction text in English initially, but will allow the customer to choose English or Spanish (or French for some versions of terminal software).

In addition to the customer transactions taking place in the English language, all Management Functions will be presented in English. All receipts will be printed in English text, as well.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SPANISH/ESPANOL

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select the LANGUAGE/IDIOMA option from the MANAGEMENT FUNCTIONS screen.
- 2.) Select the SPANISH/ESPANOL option.



DESCRIPTION:

NOTE: Some versions of international software replace the Spanish language option with French.

Choosing this option when the DISABLE CUST. OPTION is selected will display only Spanish text during a transaction.

Choosing this option when the ENABLE CUST. OPTION is selected will give the customer the option of completing the transaction in either English or Spanish.

In addition to the transaction taking place in the Spanish language, all Management Functions will be presented in Spanish.

Some terminal software versions support the printing of receipts in Spanish.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ENABLE/DISABLE CUST. OPTION

FACTORY DEFAULT: 'OPTION IS: DISABLED'

ACCESS INSTRUCTIONS:

- 1.) Select the LANGUAGE/IDIOMA option from the MANAGEMENT FUNCTIONS screen.
- 2.) Select either option, as appropriate:
 - ENABLE CUST. OPTION.
 - DISABLE CUST. OPTION.



DESCRIPTION:

If the mode is ENABLED, the customer will be offered a bilingual screen instructing them to select a desired language (currently English and either Spanish or French depending upon software version) for the transaction. If the mode is DISABLED, the customer will not be offered this option.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: JOURNAL

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

Select JOURNAL from the options available at the MANAGEMENT FUNCTIONS screen.

DESCRIPTION:

Select the JOURNAL function from the MANAGEMENT FUNCTIONS screen to:

1.) PRINT THE JOURNAL
2.) CLEAR JOURNAL
3.) PRINT THE LAST X ENTRIES

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SELECT JOURNAL FUNCTION

PRINT JOURNAL

PRINT LAST X ENTRIES

CLEAR JOURNAL

EXIT

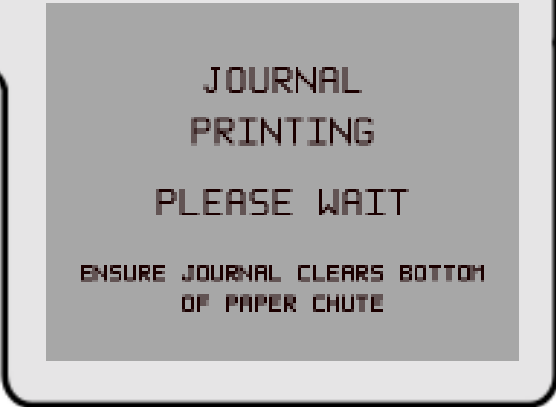
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: PRINT JOURNAL

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select JOURNAL from the options available at the MANAGEMENT FUNCTIONS screen.
- 2.) Select the PRINT JOURNAL option to print all unaudited records stored in the Electronic Journal.



JOURNAL
PRINTING
PLEASE WAIT
ENSURE JOURNAL CLEARS BOTTOM
OF PAPER CHUTE

DESCRIPTION:

The PRINT JOURNAL command is used to automatically print out any journal entries collected since the last time the journal was printed. ALL journal records will be printed, whether there are 1 or 2045 records. This command should be used regularly to print the audit trail of the terminal. This information should be maintained in case of an inquiry by a customer, and can also be useful in certain troubleshooting situations.

When this command is run, all unaudited records in the Electronic Journal are immediately sent to the receipt printer, and subsequently marked as audited. Any record printed in this fashion will not be printed again by this command, although it can be printed using the PRINT LAST X ENTRIES command. When the journal has finished printing, the SELECT JOURNAL FUNCTION screen will be displayed.

ERROR CONDITIONS:

If the operation fails, an error message will be displayed.

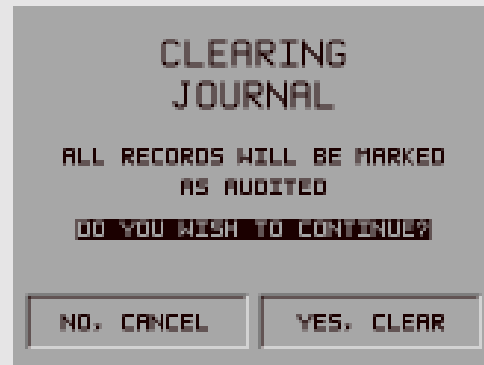
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: CLEAR JOURNAL

FACTORY DEFAULT: N/A

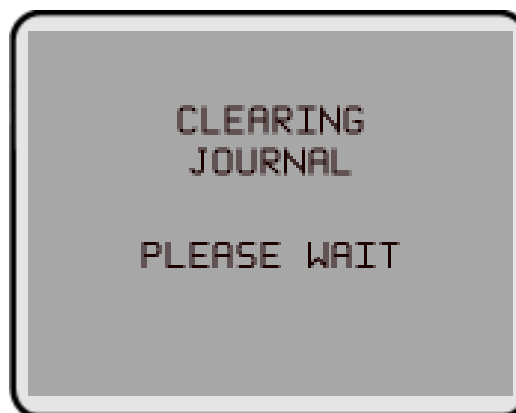
ACCESS INSTRUCTIONS:

- 1.) Select JOURNAL from the options available at the MANAGEMENT FUNCTIONS screen.
- 2.) Select the CLEAR JOURNAL option to mark all journal entries stored in the Electronic Journal since the last time the CLEAR JOURNAL or PRINT JOURNAL functions were completed.



DESCRIPTION:

The CLEAR JOURNAL command is used to mark all unprinted records in the journal as 'audited'. This means that they will not be printed out the next time a PRINT JOURNAL command is performed. Audited records are not erased. They are marked as if they had been printed. When this function is selected, a confirmation screen prompts the user to answer YES, CLEAR to continue with operation or NO, CANCEL to quit. If the user answers YES, CLEAR, the following screen will be displayed:



When the journal has been cleared, the SELECT JOURNAL FUNCTION screen will be displayed. Note that even after this command has been completed, records are still available for printing by using the PRINT LAST X ENTRIES command.

ERROR CONDITIONS:

If the operation fails, an error message will be displayed.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: PRINT LAST X ENTRIES

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select JOURNAL from the options available at the MANAGEMENT FUNCTIONS screen.
- 2.) Select the PRINT LAST X ENTRIES option to print the last X (where 'X' is a number from 1 to 2045) entries stored in the Electronic Journal.

ENTER THE NUMBER OF RECORDS
TO PRINT

AND THEN PRESS 'OK'

DESCRIPTION:

This command is used to reprint records from the Electronic Journal, either before or after they have been audited using the CLEAR JOURNAL or PRINT JOURNAL commands. Records printed out using this command are not marked in any way. This command will not affect the operation of the PRINT JOURNAL command.

This command is used for several purposes. It can be used to reprint records for which the paper trail has been lost or destroyed. It can also be used to print out records before they are audited, for diagnostic purposes.

When using this command, the user is prompted to enter the number of the most recently collected records to be printed. It always operates on the last 'X' entries. If an operator needs to see a transaction that happened about 10 records earlier, entering '13' at the prompt will cause the last 13 records to be printed, but not cleared, from the buffer. This will ensure that the transaction in question is printed.

Subsequent uses of this command are not cumulative. No pointer is maintained that 'moves' each time this command is run. It always operates on the LAST X ENTRIES.

ERROR CONDITIONS:

Entering a number greater than the number of records in the buffer memory of the journal will cause all records to be printed. The buffer memory can contain up to 2045 records at any one time.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: CASSETTE SERVICE

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

Select the CASSETTE SERVICE option from the MANAGEMENT FUNCTIONS screen.

DESCRIPTION:

The CASSETTE SERVICE option provides the terminal operator with the ability to quickly place one or more cassettes into service. The cassette selection screen provides an option button for each cassette: A, B, C, or D. Press the desired button to place that cassette in service.

Once a cassette is in service, the following message will be displayed:



Press any key to return to the main Management Functions menu.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: PASSWORD MAINTENANCE

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

Select the PASSWORD MAINTENANCE option from the MANAGEMENT FUNCTIONS screen.

DESCRIPTION:

The PASSWORD MAINTENANCE Function of MANAGEMENT FUNCTIONS menu allows access to menus for viewing and changing the following:

- 1.) MASTER PASSWORD
- 2.) ADMINISTRATION PASSWORD

ERROR CONDITIONS:

There are no error conditions directly associated with this function.



SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: MASTER PASSWORD

FACTORY DEFAULT: '123456'

ACCESS INSTRUCTIONS:

- 1.) Select the PASSWORD MAINTENANCE option from the MANAGEMENT FUNCTIONS screen.
- 2.) Select the MASTER PASSWORD option.



DESCRIPTION:

The MASTER PASSWORD is the highest level password on the Cash Dispenser. It allows access to all functions except downloading of new software. The MASTER PASSWORD must be entered in order to change the ADMINISTRATION password. The factory default MASTER PASSWORD is '123456' and should be changed when the Cash Dispenser is installed.

To change the MASTER PASSWORD, select this function. You will be prompted to enter your new password. An asterisk (*) will be displayed in place of the actual digits entered; therefore, you must enter the password a second time when prompted to confirm it.

The password can be from 4 to 12 digits long and can contain only numbers; letters are not allowed.

ERROR CONDITIONS:

A number of feedback screens may appear during password entry. These screens can appear if the second password entry did not match the first, you entered an invalid password, or the password you entered was too short (less than 4 characters).

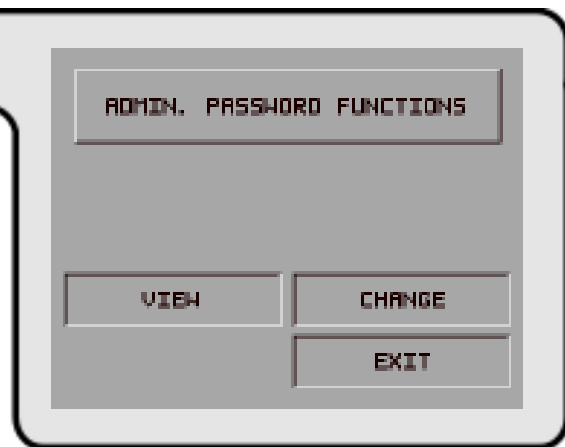
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ADMINISTRATION PASSWORD

FACTORY DEFAULT: '987654'

ACCESS INSTRUCTIONS:

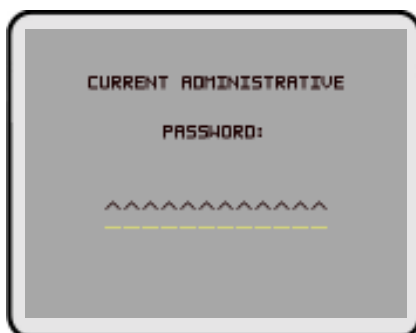
- 1.) Select the PASSWORD MAINTENANCE option from the MANAGEMENT FUNCTIONS screen.
- 2.) Select the ADMINISTRATION PASSWORD option.



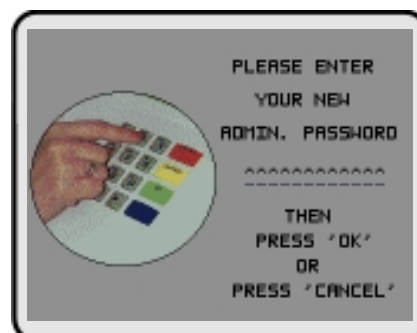
DESCRIPTION:

The ADMINISTRATION PASSWORD is used to perform daily management functions. This password DOES NOT allow access to the TERMINAL CONFIGURATION menu.

This password can only be changed when the MASTER PASSWORD is used to enter the MANAGEMENT FUNCTIONS area. Use the options provided to VIEW or CHANGE the password, as shown in the figures below. When the VIEW option is selected, the current password will be displayed for a few seconds. When changing the password, it must be entered twice, because the characters entered are not displayed (an asterisk (*) is displayed in place of each character, for security reasons). The password length can range from 4 to 12 characters.



VIEW



CHANGE

ERROR CONDITIONS:

A number of feedback screens may appear during password entry. These screens can appear if the second password entry did not match the first, you entered an invalid password, or the password you entered was too short (less than 4 characters).

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: TERMINAL CONFIGURATION

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

Select the TERMINAL CONFIGURATION option from the MANAGEMENT FUNCTIONS screen.

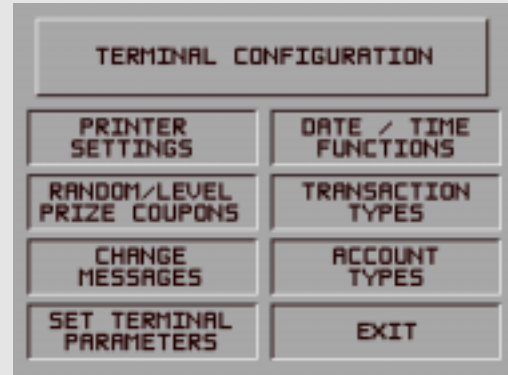
DESCRIPTION:

The TERMINAL CONFIGURATION option provides access to functions that allow the following parameters to be viewed and changed:

- 1.) PRINTER SETTINGS
- 2.) RANDOM/LEVEL PRIZE COUPONS
- 3.) CHANGE MESSAGES
- 4.) SET TERMINAL PARAMETERS
- 5.) DATE / TIME FUNCTIONS
- 6.) TRANSACTION TYPES
- 7.) ACCOUNT TYPES

ERROR CONDITIONS:

There are no error conditions directly associated with this function.



SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: PRINTER SETTINGS

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select the **TERMINAL CONFIGURATION** option from the **MANAGEMENT FUNCTIONS** screen.
- 2.) Select the **PRINTER SETTINGS** option.

DESCRIPTION:

This menu provides access to the following functions:

- 1.) **SET PRINT LENGTH**
- 2.) **LOW RECEIPT PAPER**
- 3.) **PRINTER GRAPHICS**

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

PRINTER SETTINGS

SET PRINT LENGTH

PRINTER GRAPHICS

LOW RECEIPT PAPER

EXIT

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SET PRINT LENGTH

FACTORY DEFAULT: '35'

ACCESS INSTRUCTIONS:

- 1.) Select the **TERMINAL CONFIGURATION** option from the **MANAGEMENT FUNCTIONS** screen.
- 2.) Select the **PRINTER SETTINGS** option.
- 3.) Select **SET PRINT LENGTH**.

MINIMUM PRINT LENGTH: ____
(NUMBER OF LINES PER RECEIPT)

ENTER MIN. # LINES (0-99)

CHANGE

EXIT

DESCRIPTION:

This function sets the minimum length of the receipt provided to the customer after each transaction.

ERROR CONDITIONS:

Changing the Print Length to less than 35 lines will prevent the receipt from exiting the front of the Cash Dispenser. This may cause paper jams that could result in printer damage.

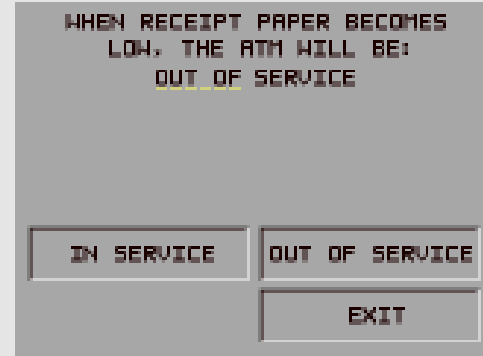
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: LOW RECEIPT PAPER

FACTORY DEFAULT: 'OUT OF SERVICE'

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select the PRINTER SETTINGS option.
- 3.) Choose the LOW RECEIPT PAPER option.



DESCRIPTION:

After selecting the LOW RECEIPT PAPER ON/OFF option, a screen displaying, "WHEN RECEIPT PAPER BECOMES LOW, THE ATM WILL BE OUT OF SERVICE" (or IN SERVICE depending on terminal setup). Change to IN SERVICE or OUT OF SERVICE by pressing the Screen Key next to the appropriate text and pressing the EXIT key.

Selecting the IN SERVICE options will allow the terminal to continue to operate after it senses a Receipt Printer Paper Low condition (Error Code 183). *Selecting this option will allow the terminal to operate with low or no receipt paper in the terminal.*

Selecting the OUT OF SERVICE option will allow the terminal to report a Receipt Printer Paper Low condition (Error Code 183), and will place the terminal in an OUT OF SERVICE condition until the receipt paper is replenished.

ERROR CONDITIONS:

Error Code 183 – Receipt Printer Paper Low will take the terminal OUT OF SERVICE. To restore the terminal to normal operation the paper must be replenished and the Reset Error button pressed after the terminal has been reset and is displaying the OUT OF SERVICE screen.

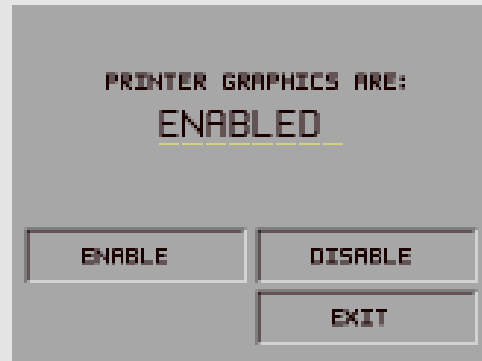
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: PRINTER GRAPHICS

FACTORY DEFAULT: ENABLED

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION option from the MANAGEMENT FUNCTIONS screen.
- 2.) Select the PRINTER SETTINGS option.
- 3.) Select PRINTER GRAPHICS.



DESCRIPTION:

The Printed Graphics feature can only be used when an optional Memory Expansion Card is installed in the terminal. Triton Connect Software Release 1.8 (or above) allows bit mapped graphics (in '.bmp' format) to be downloaded to the terminal. This graphic will be printed on the receipt when the PRINTER GRAPHICS option has been ENABLED. This feature cannot be supported without the addition of an Expansion Memory Card.

To turn on the PRINTER GRAPHICS feature, choose the ENABLE option on this screen. To inhibit the PRINTER GRAPHICS feature, press the DISABLE key.

ERROR CONDITIONS:

If PRINTER GRAPHICS is enabled and there are no graphic images loaded into the Expansion Memory Card, the receipt printer will print normal receipts without graphics. There are no error conditions associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: RANDOM/LEVEL PRIZE COUPONS

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select RANDOM/LEVEL PRIZE COUPONS from the TERMINAL CONFIGURATION menu.



DESCRIPTION:

The SELECT COUPON TYPE screen allows the operator to access the functions specific to managing either printed or dispensed prize coupons. The following options are available:

- 1.) PRINTED COUPONS.
- 2.) DISPENSED COUPONS.

Printed coupons are delivered to the customer via the receipt printer, while dispensed coupons are dispensed from one or more of the note cassettes.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: PRINTED COUPONS

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select RANDOM/LEVEL PRIZE COUPONS from the TERMINAL CONFIGURATION menu.
- 3.) Select PRINTED COUPONS.

PRIZE COUPON CONFIGURATION	
ENTER LEVEL PRIZE MSG.	SET LEVEL PRIZE AMOUNT
ENTER RANDOM PRIZE MSG.	SET RANDOM WINNING %
ENABLE/DISABLE COUPON AWARDS	EXIT

DESCRIPTION:

This function provides access to the following options, which will set up terminal operations for issuing printed prize coupons:

- 1.) ENTER LEVEL/PRIZE MESSAGE.
- 2.) ENTER RANDOM PRIZE MESSAGE.
- 3.) ENABLE/DISABLE COUPON AWARDS.
- 4.) SET LEVEL PRIZE AMOUNT.
- 5.) SET RANDOM WINNING %.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ENTER LEVEL PRIZE MSG.

FACTORY DEFAULT: NONE

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select RANDOM/LEVEL PRIZE COUPONS from the TERMINAL CONFIGURATION menu.
- 3.) Select ENTER LEVEL PRIZE MSG.

F1 CENTER LINE
F2 CLEAR ALL
F3 CLEAR LINE
F4 CASE UPPER

LEFT F6
CENTER F7
RIGHT F8

DESCRIPTION:

The LEVEL PRIZE MESSAGE consists of four lines of text that are printed on the Level Prize receipt and report. The text can be full alphanumeric text. Enter letters, numbers and punctuation as follows:

The keys along either side of the display are used with the numeric keys on the main keypad to permit entry of alphanumeric characters. The keys on the left side of the display are designated <F1> through <F4>. The keys on the right side of the display are <F6> through <F8>. The <F1> key centers the text on the line where the cursor appears. The <F2> key erases all text in the current message. <F3> clears the text on the line the cursor is currently appearing.

KEY	1	2	3	4	5	6	7	8	9	0
F4 UPPER										
No Shift	1	2	3	4	5	6	7	8	9	0
F6 Lc#	Q	A	D	G	J	M	P	T	W	.
F7 Center	Z	B	E	H	K	N	R	U	X	.
F8 Right	Sp	C	F	[	L	O	S	V	Y	-
F4 LOWER										
No Shift	!	@	#	\$	%	^	&	*	(	)
F6 Lc#	q	a	d	g	j	m	p	t	w	'
F7 Center	z	b	e	h	k	n	r	u	x	+
F8 Right	&	c	f	i	l	o	s	v	y	=

The <F4> Key is used similarly to a CAPS LOCK key on a computer keyboard. Pressing the <F4> key toggles between uppercase and lowercase. To enter an alphabetic or punctuation character, one of the <F6> through <F8> keys must be pressed, followed by one of the numeric keys. The resultant character will be as indicated in the table. Press the <OK> key to save the changes made. If you make a mistake and want to start over, press the CANCEL key to discard any changes made to that point.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ENTER RANDOM PRIZE MSG.

FACTORY DEFAULT: NONE

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select RANDOM/LEVEL PRIZE COUPONS from the TERMINAL CONFIGURATION menu.
- 3.) Select ENTER RANDOM PRIZE MSG.

F1 CENTER LINE
F2 CLEAR ALL
F3 CLEAR LINE
F4 CASE UPPER

LEFT F6
CENTER F7
RIGHT F8

DESCRIPTION:

The RANDOM PRIZE MESSAGE consists of four lines of text that are printed on the Random Coupon receipt and report. The text can be full alphanumeric text. Enter desired letters, numbers and punctuation as follows:

The keys along either side of the display are used with the numeric keys on the main keypad to permit entry of alphanumeric characters. The keys on the left side of the display are designated <F1> through <F4>. The keys on the right side of the display are <F6> through <F8>. The <F1> key centers the text on the line where the cursor appears. The <F2> key erases all text in the current message. <F3> clears the text on the line the cursor is currently appearing.

KEY	1	2	3	4	5	6	7	8	9	0
F4 UPPER										
No Shift	1	2	3	4	5	6	7	8	9	0
F6 Left	Q	A	D	G	J	M	P	T	W	.
F7 Center	Z	B	E	H	K	N	R	U	X	.
F8 Right	Sp	C	F	[	L	O	S	V	Y	-
F4 LOWER										
No Shift	!	@	#	\$	%	^	&	*	(	)
F6 Left	q	a	d	g	j	m	p	t	w	'
F7 Center	z	b	e	h	k	n	r	u	x	+
F8 Right	&	c	f	i	l	o	s	v	y	=

The <F4> Key is used similarly to a CAPS LOCK key on a computer keyboard. Pressing the <F4> key toggles between uppercase and lowercase. To enter an alphabetic or punctuation character, one of the <F6> through <F8> keys must be pressed, followed by one of the numeric keys. The resultant character will be as indicated in the table. Press the <OK> key to save the changes made. If you make a mistake and want to start over, press the CANCEL key to discard any changes made to that point.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ENABLE/DISABLE COUPON AWARDS

FACTORY DEFAULT: DISABLED

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select RANDOM/LEVEL PRIZE COUPONS from the TERMINAL CONFIGURATION menu.
- 3.) Select the ENABLE/DISABLE COUPON AWARDS option.
- 4.) Select ENABLE OR DISABLE from the menu displayed.



DESCRIPTION:

This function provides access to a menu that allows the operator to ENABLE or DISABLE all printed coupon awards. If ENABLED, eligible transactions will be checked for award. If DISABLED, no coupons will be issued.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

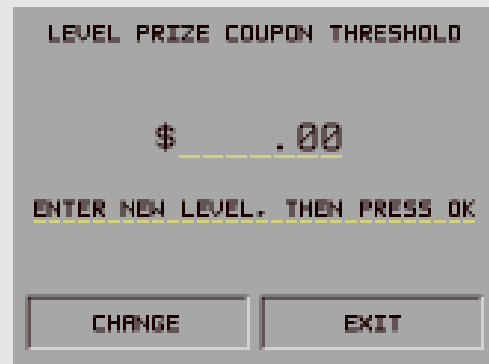
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SET LEVEL PRIZE AMOUNT

FACTORY DEFAULT: '\$0.00'

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select RANDOM/LEVEL PRIZE COUPONS from the TERMINAL CONFIGURATION menu.
- 3.) Select the SET LEVEL PRIZE AMOUNT option.



LEVEL PRIZE COUPON THRESHOLD

\$.00

ENTER NEW LEVEL. THEN PRESS OK

CHANGE EXIT

DESCRIPTION:

This function sets the threshold level at which the level prize coupon will be printed. Withdrawing an amount equal to or greater than the value set here will print the level prize coupon.

To enter a new value, press the CHANGE button, enter a new value, then press <OK>.

NOTE: If the level coupon is awarded, the random coupon parameter will not be tested for award.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

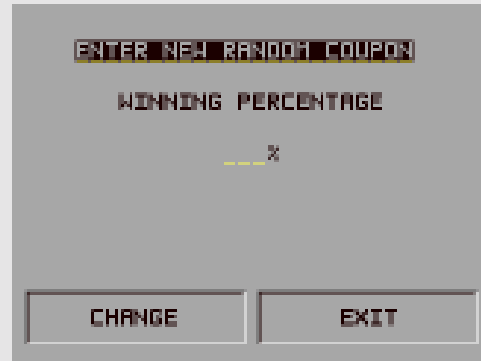
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SET RANDOM WINNING %

FACTORY DEFAULT: '0%'

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select RANDOM/LEVEL PRIZE COUPONS from the TERMINAL CONFIGURATION menu.
- 3.) Select the SET RANDOM WINNING % option.



DESCRIPTION:

This function sets the frequency at which the random prize coupons will be printed. The random coupon is won by a random number of transactions of any type. The winning percentage can be set from 0 to 100%. For example, if the winning percentage is set to 10%, then 1 out of every 10 transactions will be awarded a prize.

To enter a new value, press the CHANGE button, enter a new value, then press <OK>.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

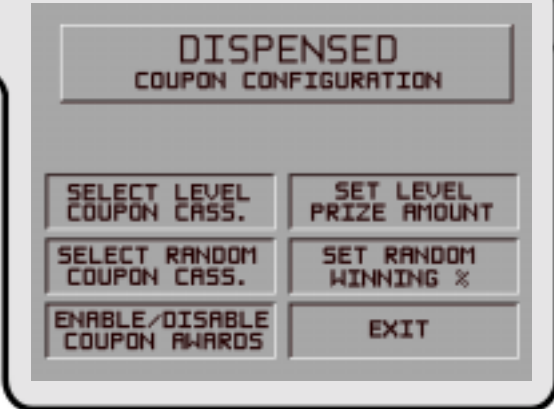
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: DISPENSED COUPONS

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select RANDOM/LEVEL PRIZE COUPONS from the TERMINAL CONFIGURATION menu.
- 3.) Select DISPENSED COUPONS.



The terminal screen displays the 'DISPENSED COUPON CONFIGURATION' menu. It features six buttons arranged in a 3x2 grid. The first row contains 'SELECT LEVEL COUPON CASS.' and 'SET LEVEL PRIZE AMOUNT'. The second row contains 'SELECT RANDOM COUPON CASS.' and 'SET RANDOM WINNING %'. The third row contains 'ENABLE/DISABLE COUPON AWARDS' and 'EXIT'.

DESCRIPTION:

This function provides access to the following options, which will set up terminal operations for issuing dispensed prize coupons:

- 1.) SELECT LEVEL COUPON CASSETTE.
- 2.) ENTER RANDOM COUPON CASSETTE.
- 3.) ENABLE/DISABLE COUPON AWARDS.
- 4.) SET LEVEL PRIZE AMOUNT.
- 5.) SET RANDOM WINNING %.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SELECT LEVEL COUPON CASS.

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select RANDOM/LEVEL PRIZE COUPONS from the TERMINAL CONFIGURATION menu.
- 3.) Select DISPENSED COUPONS.
- 4.) Choose SELECT LEVEL COUPON CASS.



DESCRIPTION:

This function allows the operator to select the cassette which will dispense coupons on a withdrawal-level basis.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SELECT RANDOM COUPON CASS.

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **RANDOM/LEVEL PRIZE COUPONS** from the **TERMINAL CONFIGURATION** menu.
- 3.) Select **DISPENSED COUPONS**.
- 4.) Choose **SELECT RANDOM COUPON CASS.**



DESCRIPTION:

This function allows the operator to select the cassette which will dispense coupons on a random basis.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ENABLE/DISABLE COUPON AWARDS

FACTORY DEFAULT: DISABLED

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select RANDOM/LEVEL PRIZE COUPONS from the TERMINAL CONFIGURATION menu.
- 3.) Select DISPENSED COUPONS.
- 3.) Select the ENABLE/DISABLE COUPON AWARDS option.



DESCRIPTION:

This function provides access to a menu that allows the operator to ENABLE or DISABLE all dispensed coupon awards. If ENABLED, eligible transactions will be checked for award. If DISABLED, no coupons will be issued.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SET LEVEL PRIZE AMOUNT

FACTORY DEFAULT: '\$0.00'

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **RANDOM/LEVEL PRIZE COUPONS** from the **TERMINAL CONFIGURATION** menu.
- 3.) Select **DISPENSED COUPONS**.
- 4.) Select the **SET LEVEL PRIZE AMOUNT** option.



DESCRIPTION:

This function sets the threshold level at which the level prize coupon will be dispensed. Withdrawing an amount equal to or greater than the value set here will dispense the level prize coupon.

To enter a new value, press the **CHANGE** button, enter a new value, then press **<OK>**.

NOTE: If the level coupon is awarded, the random coupon parameter will not be tested for award.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SET RANDOM WINNING %

FACTORY DEFAULT: '0%'

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select RANDOM/LEVEL PRIZE COUPONS from the TERMINAL CONFIGURATION menu.
- 3.) Select DISPENSED COUPONS.
- 3.) Select the SET RANDOM WINNING % option.

A terminal screen with a grey background. At the top, the word 'DISPENSED' is displayed in a large, bold, sans-serif font. Below it, the words 'RANDOM COUPON' are displayed in a smaller, bold, sans-serif font. In the center, a percentage symbol '%' is displayed. At the bottom, there are two rectangular buttons: 'CHANGE' on the left and 'EXIT' on the right, both in a bold, sans-serif font.

DESCRIPTION:

This function sets the frequency at which the random prize coupons will be dispensed. The random coupon is won by a random number of transactions of any type. The winning percentage can be set from 0 to 100%. For example, if the winning percentage is set to 10%, then 1 out of every 10 transactions will be awarded a prize.

To enter a value, press the CHANGE option, enter a new random percentage, then press <OK>.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: CHANGE MESSAGES

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **CHANGE MESSAGES**.

DESCRIPTION:

The **CHANGE MESSAGES** option of the **TERMINAL CONFIGURATION** menu allows information for the following screens to be changed by the terminal operator or a service technician:

- 1.) **MARKETING MESSAGE**
- 2.) **SURCHARGE MESSAGES**
- 3.) **WELCOME MESSAGE**
- 4.) **SURCHARGE OWNER**
- 5.) **EXIT MESSAGE**
- 6.) **STORE MESSAGE**
- 7.) **TERMINAL OWNER**

SELECT MESSAGE TYPE TO BE CHANGED

MARKETING MESSAGE	EXIT MESSAGE
SURCHARGE MESSAGES	STORE MESSAGE
WELCOME MESSAGE	TERMINAL OWNER
SURCHARGE OWNER	EXIT

NOTE: In some versions of the terminal operating software the Marketing Message may appear on the right side of the display.

ERROR CONDITIONS:

There are no error conditions directly associated with this function

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: MARKETING MESSAGE

FACTORY DEFAULT: NONE

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select CHANGE MESSAGES.
- 3.) Select MARKETING MESSAGE.

F1 CENTER LINE
F2 CLEAR ALL
F3 CLEAR LINE
F4 CASE UPPER

LEFT F6
CENTER F7
RIGHT F8

DESCRIPTION:

The MARKETING MESSAGE function allows you to compose a message that will appear on any printed products that include the store message (e.g. customer receipts, day closes, coupons, etc.). The message can be up to four lines long. Enter letters, numbers and punctuation as follows:

The keys along either side of the display are used with the numeric keys on the main keypad to permit entry of alphanumeric characters. The keys on the left side of the display are designated <F1> through <F4>. The keys on the right side of the display are <F6> through <F8>. The <F1> key centers the text on the line where the cursor appears. The <F2> key erases all text in the current message. <F3> clears the text on the line the cursor is currently appearing.

KEY	1	2	3	4	5	6	7	8	9	0
F4 UPPER										
No Shift	1	2	3	4	5	6	7	8	9	0
F6 Left	Q	A	D	G	J	M	P	T	W	.
F7 Center	Z	B	E	H	K	N	R	U	X	.
F8 Right	Sp	C	F	I	L	O	S	V	Y	-
F4 LOWER										
No Shift	!	@	#	\$	%	^	&	*	(	)
F6 Left	q	a	d	g	j	m	p	t	w	'
F7 Center	z	b	e	h	k	n	r	u	x	+
F8 Right	&	c	f	i	l	o	s	v	y	=

The <F4> Key is used similarly to a CAPS LOCK key on a computer keyboard. Pressing the <F4> key toggles between uppercase and lowercase. To enter an alphabetic or punctuation character, one of the <F6> through <F8> keys must be pressed, followed by one of the numeric keys. The resultant character will be as indicated in the table. Press the <OK> key to save the changes made. If you make a mistake and want to start over, press the CANCEL key to discard any changes made to that point.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

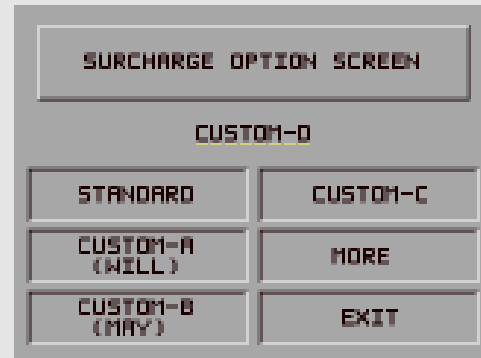
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SURCHARGE MESSAGES

FACTORY DEFAULT: 'CUSTOM-D'

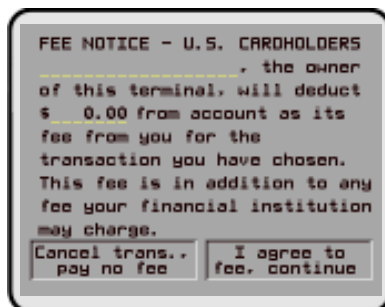
ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select CHANGE MESSAGES.
- 3.) Select SURCHARGE MESSAGES

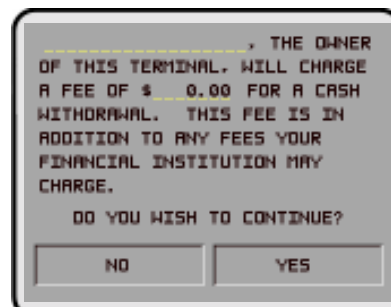


DESCRIPTION:

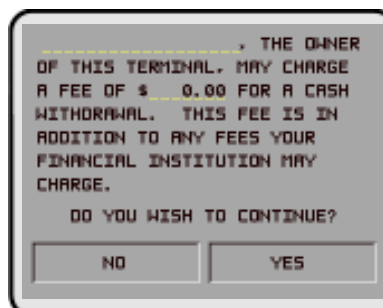
This function is used to select the surcharge message that will be displayed to the customer. Press the button next to the desired message to select it. Message options STANDARD, A, B and C are accessed from the first SURCHARGE OPTION SCREEN. The MORE option leads to a second screen containing message options D, E, F, G, and H.



STANDARD



CUSTOM-A



CUSTOM-B

SECTION 5 - MANAGEMENT FUNCTIONS

_____, THE OWNER
OF THIS TERMINAL, WILL DEDUCT
\$ ____ 0.00 FROM YOUR ACCOUNT AS
ITS FEE FROM YOU FOR THE
TRANSACTION YOU HAVE CHOSEN.
THIS FEE IS IN ADDITION TO ANY
FEE YOUR FINANCIAL INSTITUTION
MAY CHARGE.

DO YOU WISH TO CONTINUE?

NO, CANCEL
PAY NO FEE YES, I AGREE
CONTINUE

CUSTOM-C

FEE NOTICE

In addition to any
institutional fees you may be
charged by your bank, the
owner of this terminal
_____ has
assessed a \$ ____ 0.00 fee to
all US cardholders per cash
withdrawal.

NO YES

CUSTOM-D

_____, THE
OPERATOR OF THIS TERMINAL,
WILL CHARGE A FEE OF
\$ ____ FOR A WITHDRAWAL

THIS FEE IS IN ADDITION TO ANY
FEES YOUR INSTITUTION MAY
CHARGE.

CANCEL WITH
NO FEE CONTINUE
WITH FEE

CUSTOM-E

_____, THE
OPERATOR OF THIS TERMINAL,
WILL CHARGE A FEE OF
\$ ____ FOR A WITHDRAWAL
PERFORMED BY A US CARD HOLDER

THIS FEE IS IN ADDITION TO ANY
FEES YOUR INSTITUTION MAY
CHARGE.

CANCEL WITH
NO FEE CONTINUE
WITH FEE

CUSTOM-F

_____, THE
OPERATOR OF THIS TERMINAL,
WILL CHARGE A FEE OF
\$ ____ OR % OF THE
TRANSACTION AMOUNT WHICHEVER
IS LESSER FOR A WITHDRAWAL

THIS FEE IS IN ADDITION TO ANY
FEES YOUR INSTITUTION MAY
CHARGE

CANCEL WITH
NO FEE CONTINUE
WITH FEE

CUSTOM-G

_____, THE
OPERATOR OF THIS TERMINAL,
WILL CHARGE A FEE OF
\$ ____ OR % OF THE
TRANSACTION AMOUNT WHICHEVER
IS LESSER FOR A WITHDRAWAL
PERFORMED BY A US CARD HOLDER

THIS FEE IS IN ADDITION TO ANY
FEES YOUR INSTITUTION MAY
CHARGE

CANCEL WITH
NO FEE CONTINUE
WITH FEE

CUSTOM-H

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: WELCOME MESSAGE

FACTORY DEFAULT: 'WELCOME TO miniATM'

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select CHANGE MESSAGES.
- 3.) Select Welcome Message.

F1 CENTER LINE
F2 CLEAR ALL
F3 CLEAR LINE
F4 CASE UPPER

LEFT F6
CENTER F7
RIGHT F8

DESCRIPTION:

The Welcome Message consists of three lines of text that are printed at the top of the customer welcome screen. The text can be full alphanumeric text. Enter letters, numbers and punctuation as follows:

The keys along either side of the display are used with the numeric keys on the main keypad to permit entry of alphanumeric characters. The keys on the left side of the display are designated <F1> through <F4>. The keys on the right side of the display are <F6> through <F8>. The <F1> key centers the text on the line where the cursor appears. The <F2> key erases all text in the current message. <F3> clears the text on the line the cursor is currently appearing.

The <F4> Key is used similarly to a CAPS LOCK key on a computer keyboard. Pressing the <F4> key toggles between uppercase and lowercase. To enter an alphabetic or punctuation character, one of the <F6> through <F8> keys must be pressed, followed by one of the numeric keys. The resultant character will be as indicated in the table. Press the <OK> key to save the changes made. If you make a mistake and want to start over, press the CANCEL key to discard any changes made to that point.

KEY	1	2	3	4	5	6	7	8	9	0
F4 UPPER										
No Shift	1	2	3	4	5	6	7	8	9	0
F6 Left	Q	A	D	G	J	M	P	T	W	.
F7 Center	Z	B	E	H	K	N	R	U	X	.
F8 Right	Sp	C	F	[	L	O	S	V	Y	-
F4 LOWER										
No Shift	!	@	#	\$	%	^	&	*	(	)
F6 Left	q	a	d	g	j	m	p	t	w	'
F7 Center	z	b	e	h	k	n	r	u	x	+
F8 Right	&	c	f	i	l	o	s	v	y	=

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SURCHARGE OWNER

FACTORY DEFAULT: NONE

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select CHANGE MESSAGES.
- 3.) Select SURCHARGE OWNER.



ENTER OWNER'S NAME
THEN PRESS OK

DESCRIPTION:

The name of the SURCHARGE OWNER is stored in the terminal and displayed to the customer in the surcharge notification message. The name of the SURCHARGE OWNER is entered directly into the terminal.

To enter a digit 0-9, simply press the key that has that digit. To enter a letter, first press the <BLUE> key, then press the key that has the letter you want on it. The first press of the key will display the first character above the number. Subsequent presses will display the characters in sequence. When the character you want is displayed, press the <RIGHT ARROW> key to 'lock in' the letter. If your next character is a letter, you must press the <BLUE> key again.

The name can be up to 18 characters long.

ERROR CONDITIONS:

There are no error conditions directly associated with this function

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: EXIT MESSAGE

FACTORY DEFAULT: 'Thank's for Using miniATM'

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select CHANGE MESSAGES.
- 3.) Select EXIT MESSAGE.

F1 CENTER LINE
F2 CLEAR ALL
F3 CLEAR LINE
F4 CASE UPPER

LEFT F6
CENTER F7
RIGHT F8

DESCRIPTION:

The Exit Message consists of three lines of text that are printed on the terminal display at the conclusion of a transaction. The text can be full alphanumeric text. Enter letters, numbers and punctuation as follows:

The keys along either side of the display are used with the numeric keys on the main keypad to permit entry of alphanumeric characters. The keys on the left side of the display are designated <F1> through <F4>. The keys on the right side of the display are <F6> through <F8>. The <F1> key centers the text on the line where the cursor appears. The <F2> key erases all text in the current message. <F3> clears the text on the line the cursor is currently appearing.

KEY	1	2	3	4	5	6	7	8	9	0
F4 UPPER										
No Shift	1	2	3	4	5	6	7	8	9	0
F6 Left	Q	A	D	G	J	M	P	T	W	,
F7 Center	Z	B	E	H	K	N	R	U	X	.
F8 Right	Sp	C	F	I	L	O	S	V	Y	-
F4 LOWER										
No Shift	!	@	#	\$	%	^	&	*	(	)
F6 Left	q	a	d	g	j	m	p	t	w	'
F7 Center	z	b	e	h	k	n	r	u	x	+
F8 Right	&	c	f	i	l	o	s	v	y	=

The <F4> Key is used similarly to a CAPS LOCK key on a computer keyboard. Pressing the <F4> key toggles between uppercase and lowercase. To enter an alphabetic or punctuation character, one of the <F6> through <F8> keys must be pressed, followed by one of the numeric keys. The resultant character will be as indicated in the table. Press the <OK> key to save the changes made. If you make a mistake and want to start over, press the CANCEL key to discard any changes made to that point.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: STORE MESSAGE

FACTORY DEFAULT: SEE NOTE

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select CHANGE MESSAGES.
- 3.) Select STORE MESSAGE.

F1 CENTER LINE
F2 CLEAR ALL
F3 CLEAR LINE
F4 CASE UPPER

LEFT F6
CENTER F7
RIGHT F8

ACCESS INSTRUCTIONS:

DESCRIPTION:

The STORE MESSAGE consists of four lines of text that are printed on the customer receipt. The text can be full alphanumeric text. Enter letters, numbers and punctuation as follows:

The keys along either side of the display are used with the numeric keys on the main keypad to permit entry of alphanumeric characters. The keys on the left side of the display are designated <F1> through <F4>. The keys on the right side of the display are <F6> through <F8>. The <F1> key centers the text on the line where the cursor appears. The <F2> key erases all text in the current message. <F3> clears the text on the line the cursor is currently appearing.

KEY	1	2	3	4	5	6	7	8	9	0
F4 UPPER										
No Shift	1	2	3	4	5	6	7	8	9	0
F6 Left	Q	A	D	G	J	M	P	T	W	,
F7 Center	Z	B	E	H	K	N	R	U	X	.
F8 Right	Sp	C	F	I	L	O	S	V	Y	-
F4 LOWER										
No Shift	!	@	#	\$	%	^	&	*	(	)
F6 Left	q	a	d	g	j	m	p	t	w	'
F7 Center	z	b	e	h	k	n	r	u	x	+
F8 Right	&	c	f	i	l	o	s	v	y	=

The <F4> Key is used similarly to a CAPS LOCK key on a computer keyboard. Pressing the <F4> key toggles between uppercase and lowercase. To enter an alphabetic or punctuation character, one of the <F6> through <F8> keys must be pressed, followed by one of the numeric keys. The resultant character will be as indicated in the table. Press the <OK> key to save the changes made. If you make a mistake and want to start over, press the CANCEL key to discard any changes made to that point.

NOTE: ‘*THIS IS LINE (1-4) OF THE STORE MESSAGE*’

ERROR CONDITIONS:

There are no errors directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: **TERMINAL OWNER**

FACTORY DEFAULT: NONE

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **CHANGE MESSAGES**.
- 3.) Select **TERMINAL OWNER**.



ENTER OWNER'S NAME
THEN PRESS OK

DESCRIPTION:

The name of the **TERMINAL OWNER** is stored in the terminal and displayed to the customer in the surcharge warning message. The name is entered directly into the terminal.

To enter a digit 0-9, simply press the key that has that digit. To enter a letter, first press the <BLUE> key, then press the key that has the letter you want on it. The first press of the key will display the first character above the number. Subsequent presses will display the characters in sequence. When the character you want is displayed, press the <RIGHT ARROW> key to 'lock in' the letter. If your next character is a letter, you must press the <BLUE> key again.

The name can be up to 18 characters long.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: TERMINAL PARAMETERS

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.



DESCRIPTION:

Selecting SET TERMINAL PARAMETERS from the TERMINAL CONFIGURATION menu allows the following Cash Dispenser operating parameters to be viewed or changed:

- 1.) SET TERMINAL #
- 2.) RESET SEQ #
- 3.) SURCHARGE MODE
- 4.) CASSETTE SETUP
- 5.) KEY MANAGEMENT
- 6.) TELEPHONE
- 7.) MORE

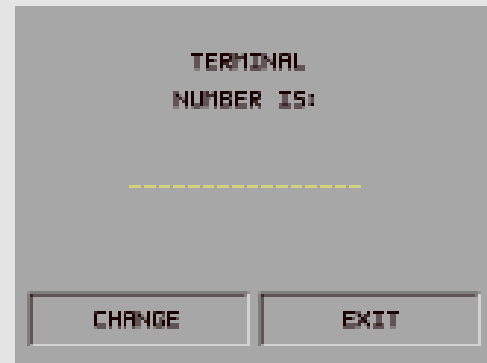
ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SET TERMINAL #**FACTORY DEFAULT: NONE****ACCESS INSTRUCTIONS:**

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Choose the SET TERMINAL # option.

**DESCRIPTION:**

The TERMINAL # is a unique string of characters provided by your processor to identify the Cash Dispenser when a transaction is taking place. It can contain numbers and letters.

This parameter **MUST** be set before the Cash Dispenser can go on-line **AND** before the communications key can be downloaded.

When this function is selected, the current TERMINAL # is displayed. If it is to be changed, select CHANGE.

To enter a digit 0-9, press the key that has that digit. To enter a letter, first press the <BLUE> key, then press the key that has the letter you want on it. The first press of the key will display the first character above the number. Subsequent presses will display the characters in sequence. When the character you want is displayed, press the <RIGHT ARROW> key to 'lock in' the letter. If your next character is a letter, you must press the <BLUE> key again.

When you have entered all of the characters, press the <OK> key.

ERROR CONDITIONS:

The Cash Dispenser will not function on-line without a valid TERMINAL #.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: RESET SEQ #

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **SET TERMINAL PARAMETERS**.
- 3.) Choose the **RESET SEQ #** option.

TERMINAL PARAMETERS	
SET TERMINAL #	KEY MANAGEMENT
RESET SEQ. #	TELEPHONE
SURCHARGE MODE	MORE
CASSETTE SETUP	EXIT

DESCRIPTION:

Select the **RESET SEQ. #** option from the **TERMINAL PARAMETER** menu to reset the sequence number that is printed on the journal printout and receipt to **'00000000'**.

Resetting the **SEQUENCE #** is an operation that should usually be performed at the request of your processor. Use of this function is not required during normal operation.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

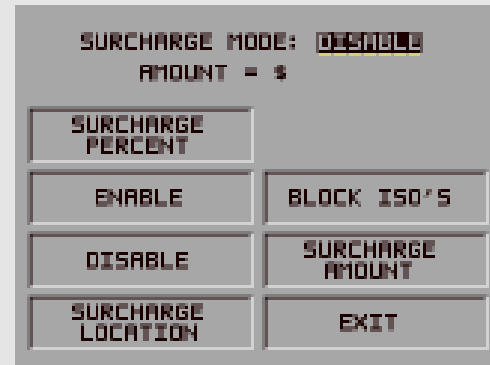
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SURCHARGE MODE

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Choose the SURCHARGE MODE option.



DESCRIPTION:

Selecting the SURCHARGE MODE option from the SET TERMINAL PARAMETERS menu allows the terminal operator or service technician to change the following surcharge options:

- 1.) SURCHARGE PERCENT
- 2.) ENABLE/DISABLE SURCHARGE MODE
- 3.) SURCHARGE LOCATION
- 4.) BLOCK ISO'S
- 5.) SURCHARGE AMOUNT

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SURCHARGE PERCENT

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Choose the SURCHARGE MODE option.
- 4.) Select SURCHARGE PERCENT.

PERCENT SETTINGS

CURRENT PERCENT IS: %

THE CUSTOMER WILL BE CHARGED
THE LESSER OF SURCHARGE AMOUNT
OR SURCHARGE PERCENT

LESSER GREATER

CHANGE PERCENT AMOUNT EXIT

DESCRIPTION:

The SURCHARGE PERCENT option on the SURCHARGE MODE screen brings up the PERCENT SETTINGS screen, which enables you to enter a surcharge percentage amount, as well as choose the LESSER or GREATER option that is applicable to the surcharge. *Remember that these options must conform to the processor's requirements or other applicable commerce regulations.*

To enter a surcharge percent value press the CHANGE PERCENT AMOUNT key. the ENTER NEW AMOUNT AND PRESS OK prompt replaces the CURRENT PERCENT IS: field. Enter the applicable percentage value (from 1 and 99 percent) and press "OK".

If the processor or other authority requires that the surcharge be the *lesser* of either the surcharge amount or surcharge percentage, select the LESSER option. If the surcharge must be the *greater* of either the surcharge amount or surcharge percentage, select the GREATER option.

This value is stored in the terminal and will be displayed to the customer on the applicable surcharge message screen.

ERROR CONDITIONS:

If a fixed surcharge amount is to be used (surcharge percent not used) you must ensure the surcharge comparison option is set to GREATER and the surcharge percent is set to zero (0). This will ensure that only the fixed surcharge amount value will be displayed to the customer. ***Failure to do so can cause an incorrect surcharge value to be reported to the customer.***

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ENABLE/DISABLE SURCHARGE

FACTORY DEFAULT: DISABLED

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Choose the SURCHARGE MODE option.
- 4.) Select ENABLE or DISABLE, as appropriate.

SURCHARGE MODE: **DISABLED**
AMOUNT = \$

SURCHARGE PERCENT	
ENABLE	BLOCK ISO'S
DISABLE	SURCHARGE AMOUNT
SURCHARGE LOCATION	EXIT

DESCRIPTION:

Some networks allow a surcharge, or terminal fee, to be imposed on withdrawal transactions. If surcharges are in use on your network, you are required to notify the customer of an additional fee before the transaction is processed. He or she must be given a chance to cancel the transaction. Setting the SURCHARGE MODE to ENABLED will cause a surcharge notification screen to be displayed after the customer's card is inserted into the unit. The customer is given the choice of canceling the transaction at no charge or of continuing.

If your network does not allow surcharges, select the DISABLE option to turn off presentation of the surcharge notification message.

ERROR CONDITIONS:

Be sure to ENABLE this mode if your network allows surcharges.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SURCHARGE LOCATION

FACTORY DEFAULT: BEGINNING

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **SET TERMINAL PARAMETERS**.
- 3.) Choose the **SURCHARGE MODE** option.
- 4.) Choose the **SURCHARGE LOCATION** option.

SURCHARGE MESSAGE LOCATION

BEGINNING

BEGINNING **ENDING**

EXIT

DESCRIPTION:

The **SURCHARGE LOCATION** function determines where the terminal user is presented with the surcharge notification message. The surcharge notification message informs the customer about any surcharge that is applicable to the transaction they are completing. When the message appears the terminal user is given the option of accepting the surcharge and continuing the transaction, or canceling the transaction without incurring any charges. The surcharge amount identified in the notification message does not include any additional charges that the bank sponsoring the card may add to the cost of processing a transaction.

Selecting the **BEGINNING** option displays the applicable surcharge notification message immediately after the terminal user removes the card from the card reader and before their PIN is entered into the terminal.

Selecting the **ENDING** option displays the surcharge notification message after the terminal user has selected an amount from the **FAST CASH** menu or entered the amount of the withdrawal and pressed the "<OK>" key to complete the transaction.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: BLOCK ISO'S

FACTORY DEFAULT: NONE

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **SET TERMINAL PARAMETERS**.
- 3.) Choose the **SURCHARGE MODE** option.
- 4.) Choose the **BLOCK ISO'S** option.

SELECT ISO TO CHANGE
ENTER NEW ISO THEN PRESS <OK>

-----	-----
-----	-----
-----	EXIT

DESCRIPTION:

This function is used to disable the display of surcharge messages for transactions that use a particular financial institution's ATM or Credit Card. Entering the financial institution's unique ISO (International Standards Organization) Number on this screen enables the function.

The terminal can store up to 5 ISO numbers to block at one time. From 1 to 9 digits may be used. The terminal will compare the card number to all current ISO numbers to the length of each number. For example, three ISO numbers are entered, including '581234', '46', and '3785'. Any card beginning with '46' would match and cause the surcharge notification message to be suppressed (if surcharging were enabled). A card with the starting number '581235' would not match and therefore a surcharge message would appear. With this technique cards from many issuers can be supported. The more digits entered the fewer the number of different cards that will match.

If a card number matches an ISO number to be blocked, the customer will not see the surcharge notification screen. The processor will also be notified of this in the transaction. Most processors support this function. Before enabling this feature, check to make sure your particular processor supports it. Otherwise, your terminal could be in violation of network rules and be sanctioned.

To enter or change an ISO go to the **SELECT ISO TO CHANGE** screen and perform the following:

- 1.) Press the **Screen Key** next to the block where the new ISO will be entered or an ISO changed.
- 2.) Enter the ISO number (up to six digits in length).
- 3.) Press the "<OK>" key.

SECTION 5 - MANAGEMENT FUNCTIONS

If more than one ISO must be entered repeat steps 1 through 3 until all ISO are entered (up to five ISO numbers may be entered).

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SURCHARGE AMOUNT

FACTORY DEFAULT: '\$0.00'

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Choose the SURCHARGE MODE option.
- 4.) Choose the SURCHARGE AMOUNT option.

ENTER NEW AMOUNT AND PRESS 'OK'
SURCHARGE MODE: **SURCHARGE**
AMOUNT = \$ **0.00**

SURCHARGE PERCENT	
ENABLE	BLOCK ISO'S
DISABLE	SURCHARGE AMOUNT
SURCHARGE LOCATION	EXIT

DESCRIPTION:

The surcharge amount will be entered directly on the SURCHARGE MODE screen. The value you enter here will be displayed to the user in the surcharge notification message that was selected via the SURCHARGE OPTIONS SCREEN function. Press the SURCHARGE AMOUNT menu key. The ENTER NEW AMOUNT AND PRESS 'OK' prompt will appear. Enter a new value. This value will appear in the "AMOUNT = _ _ _ _" field that will appear on the SURCHARGE MODE screen. The value will be stored in the terminal and displayed to the customer in the surcharge notification message. See **ERROR CONDITIONS:** for additional information on this feature.

ERROR CONDITIONS:

It is important to understand that processor or network rules and/or applicable commerce laws ultimately determine the type and amount of any surcharge that may be assessed against a transaction. The surcharge values that you enter will be displayed to the customer and **MUST** match the actual surcharge rates established by your processor or other applicable regulatory agencies!

Manually changing the SURCHARGE AMOUNT to a lower or higher amount does not automatically change the surcharge collected by the processor for a transaction. It will only change the surcharge amount displayed during the surcharge-warning message when it is shown to the customer and not the actual fee collected for the transaction.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: CASSETTE SETUP

FACTORY DEFAULT: N/A

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select CASSETTE SETUP.

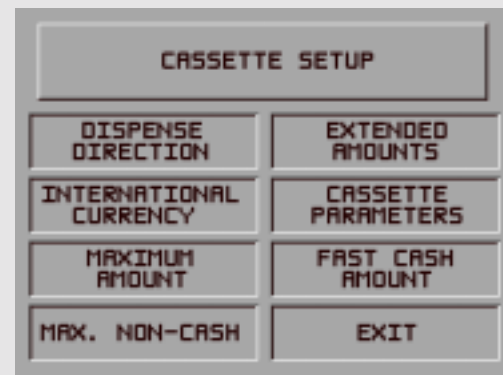
DESCRIPTION:

Selecting CASSETTE SETUP at the TERMINAL PARAMETERS menu allows the terminal operator to view and change the following parameters:

- 1.) DISPENSE DIRECTION
- 2.) INTERNATIONAL CURRENCY
- 3.) MAXIMUM AMOUNT
- 4.) MAX. NON-CASH
- 5.) EXTENDED AMOUNT
- 6.) CASSETTE PARAMETERS
- 7.) FAST CASH AMOUNT

ERROR CONDITIONS:

There are no errors directly associated with the WITHDRAWAL AMOUNTS function.



SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: DISPENSE DIRECTION

FACTORY DEFAULT: SEE NOTE

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **SET TERMINAL PARAMETERS**.
- 3.) Select **CASSETTE SETUP**.
- 4.) Select **DISPENSE DIRECTION**.



DESCRIPTION:

The **DISPENSE DIRECTION** function is used to establish correct note-delivery operation for a Multi-Cassette Cash Dispenser. The model **9615** and **9635** Cash Dispensers are front access models that require a **DISPENSE DIRECTION** setting of **FRONT**, while the model **9616** and **9636** Cash Dispensers use a **DISPENSE DIRECTION** setting of **REAR**.

NOTE: The default setting for **ddispense direction** will be set for **FRONT** on front-dispensing Cash Dispenser models (9615/9635), and for **REAR** on rear-dispensing models (9616/9636).

ERROR CONDITIONS:

Failure to properly set the correct **DISPENSE DIRECTION** for either front or rear access Cash Dispensers will cause the notes to be dispensed into the interior of the cabinet, instead of into the note delivery tray at the front of the unit!

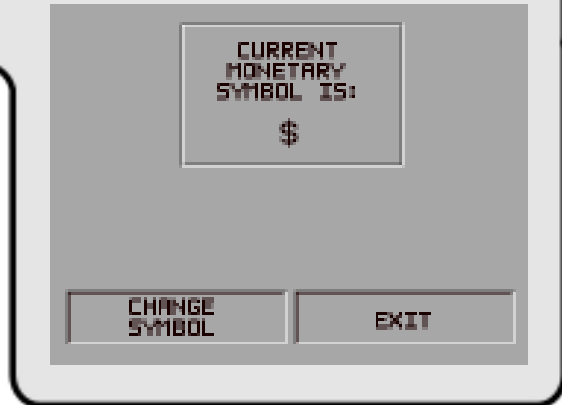
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: INTERNATIONAL CURRENCY

FACTORY DEFAULT: COUNTRY-SPECIFIC

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select CASSETTE SETUP.
- 4.) Choose the INTERNATIONAL CURRENCY option.



DESCRIPTION:

This feature will allow operator personnel to select one of nine possible monetary symbols (C, ¢, \$, f, L, P_t, £, Q, ¥) that describe the type of currency that will be dispensed by the Cash Dispenser. The default symbol can be viewed and changed through the terminals' Management Functions.

Monetary symbols for use with following currencies are supported by the Cash Dispenser:

- 1.) C - The symbol for the Colon (Costa Rica)
- 2.) ¢ - The symbol for the Colon (El Salvador)
- 3.) \$ - The symbol of the Dollar and Peso
- 4.) f - The symbol for the Franc
- 5.) L - The symbol for the Lempira
- 6.) P_t - The symbol for the Peseta
- 7.) £ - The symbol for the Pound
- 8.) Q - The symbol for the Quetzal
- 9.) ¥ - The symbol for the Yen

When the INTERNATIONAL CURRENCY menu is displayed, press the screen key next to the CHANGE SYMBOL option until the desired currency symbol is displayed. Press EXIT to make that symbol the default symbol displayed on the terminal.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

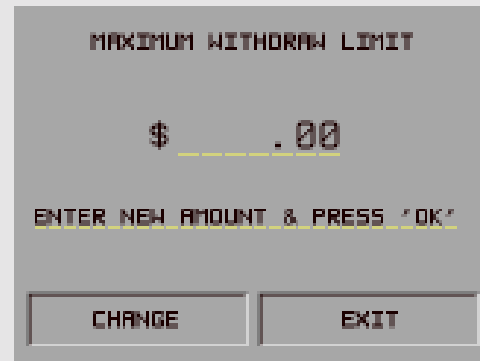
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: MAXIMUM AMOUNT

FACTORY DEFAULT: '\$500.00'

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select CASSETTE SETUP.
- 4.) Choose the MAXIMUM AMOUNT option.



DESCRIPTION:

The maximum cash withdrawal limit must be set in the Cash Dispenser before any transactions can be completed. This number is the largest dollar amount allowed for a withdrawal transaction. It can be set from 1 to 999999 in increments of 1 and it must be an even multiple of the denomination that is in the cassette. Factory default is set to **\$500.00**. The value is dollar amount only; no cents are allowed.

Whenever a withdrawal amount is entered or selected (via the FAST CASH option), the amount entered or selected is compared to this amount. If the entry is larger, an error message warns the user and displays the maximum allowable amount.

This amount DOES NOT override any maximum set by a network. The transaction will be sent to the network if the amount entered or selected is less than or equal to the maximum. *The network must still approve the amount.*

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: MAX NON-CASH

FACTORY DEFAULT: '\$500.00'

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select CASSETTE SETUP.
- 4.) Choose the MAX NON-CASH.



MAXIMUM WITHDRAW LIMIT

\$.00

ENTER NEW AMOUNT & PRESS 'OK'

CHANGE EXIT

DESCRIPTION:

The maximum non-cash purchase limit must be set in the Cash Dispenser before any purchases of non-cash items can be completed. This number is the largest dollar amount allowed for the purchase of a non-cash item from the Cash Dispenser. It can be set from 1 to 999999 in increments of 1 and it must be an even multiple of the value of single unit of the non-cash item that is in the cassette. Factory default is set to **\$500.00**. The value is a dollar amount only; no cents are allowed.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: EXTENDED AMOUNT

FACTORY DEFAULT: DISABLED

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select CASSETTE SETUP.
- 4.) Choose the EXTENDED AMOUNT option.

ENABLING THE EXTENDED AMOUNT
WILL INCREASE THE TRANSFER
FIELD FROM 8 TO 12 DIGITS.

CAUTION

ONLY USE THE EXTENDED AMOUNT
IF YOUR PROCESSOR CAN ACCEPT
THIS PROTOCOL.

EXTENDED AMOUNTS ARE: DISABLED

ENABLE

DISABLE

EXIT

DESCRIPTION:

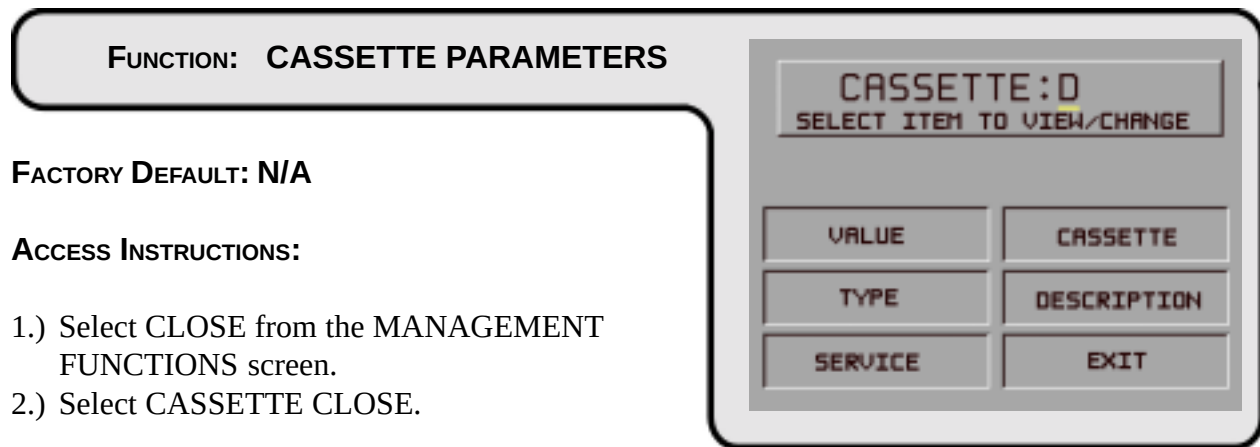
The standard length of a currency amount entry field is 8 digits. In some applications this length is insufficient to allow the entry of the full range of customer transaction values in the local currency type. This feature allows the selection of 12-digit currency fields for those applications that require it.

To activate 12-digit field lengths, select the ENABLE option. To return to 8-digit field lengths, choose the DISABLE option.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS



DESCRIPTION:

The CASSETTE PARAMETERS option is used to perform cassette-specific configuration and setup operations. When the CASSETTE PARAMETERS option is selected, a cassette selection screen (see the description of the CASSETTE option for more information) is presented which allows the operator to select the specific cassette which will be the focus of the subsequent setup or configuration operations. The cassette selection screen is followed by the cassette parameters options screen. The CASSETTE PARAMETERS option screen provides access to the following functions:

- 1.) VALUE
- 2.) TYPE
- 3.) SERVICE
- 4.) CASSETTE (Selection option)
- 5.) DESCRIPTION

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: VALUE

FACTORY DEFAULT: '\$0.00'

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select CASSETTE SETUP.
- 4.) Choose the CASSETTE PARAMETERS option.
- 5.) Choose a cassette (A, B, C, or D).
- 6.) Select the VALUE option.



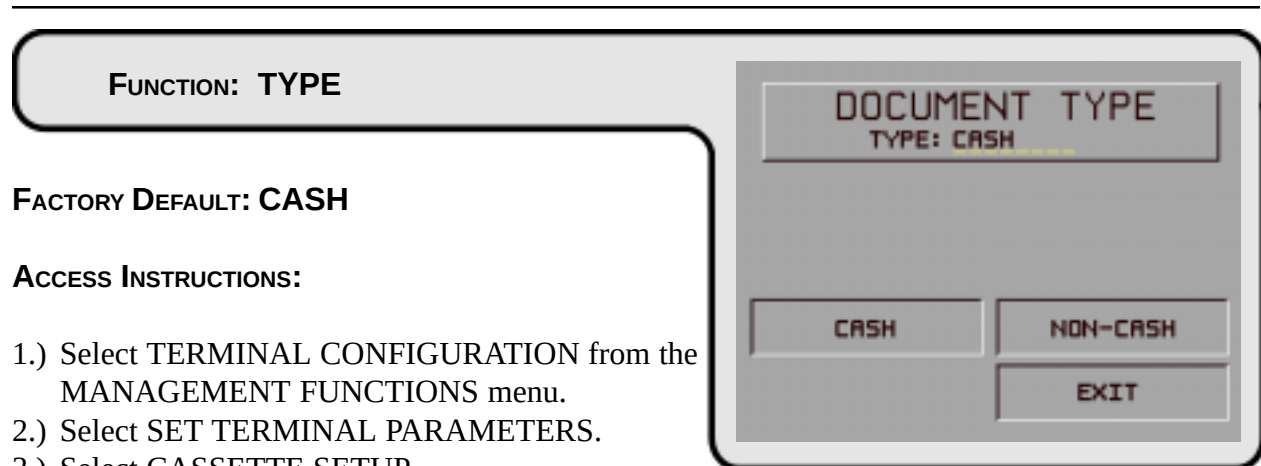
DESCRIPTION:

The VALUE function allows the operator to set the value of a cash or non-cash item in a particular cassette. For cash, VALUE must be the denomination of the currency currently inside that particular cassette and must be a whole dollar amount without cents. For non-cash, VALUE is the face value of that particular item within the cassette and can be any value. The default setting for VALUE is \$0.00

ERROR CONDITIONS:

An error code will occur when a non-whole dollar amount is applied to a cash cassette. Example, setting the cassette to CASH and entering the VALUE as \$5.15 will cause the terminal to indicate Error# 186 Bill Size Not Configured.

SECTION 5 - MANAGEMENT FUNCTIONS



FACTORY DEFAULT: CASH

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select CASSETTE SETUP.
- 4.) Choose the CASSETTE PARAMETERS option.
- 5.) Choose a cassette (A, B, C, or D).
- 6.) Select the TYPE option.

DESCRIPTION:

This function allows the user to set what type of item is currently installed within the cassette. The Type is either CASH or NON-CASH. CASH is any currency such as \$5, \$10, \$20, \$50, etc. NON-CASH is any item other than CASH such as Stamps, Coupons, or Phone Cards.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

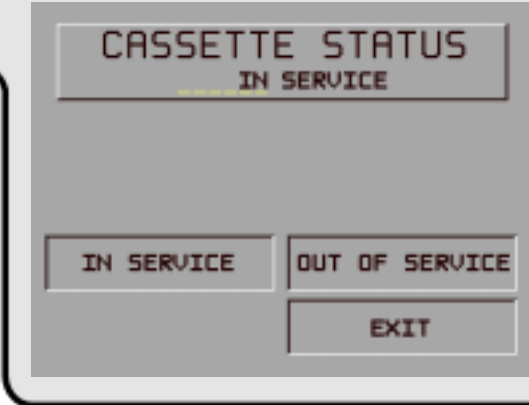
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SERVICE

FACTORY DEFAULT: IN SERVICE

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **SET TERMINAL PARAMETERS**.
- 3.) Select **CASSETTE SETUP**.
- 4.) Choose the **CASSETTE PARAMETERS** option.
- 5.) Choose a cassette (A, B, C, or D).
- 6.) Select the **SERVICE** option.

A screenshot of the 'CASSETTE STATUS' screen. At the top, it says 'CASSETTE STATUS' and 'IN SERVICE' with a yellow underline. Below this are three buttons: 'IN SERVICE', 'OUT OF SERVICE', and 'EXIT'.

DESCRIPTION:

This function allows the user to set the desired cassette to either **IN SERVICE** or **OUT OF SERVICE**. Placing a cassette **IN SERVICE** will allow the dispenser to access the item inside the cassette. Placing a cassette **OUT OF SERVICE** effectively turns the cassette off and does not allow any access to the items in the cassette.

ERROR CONDITIONS:

When a cassette is removed from the Dispenser while AC power is on, the status of that cassette will automatically revert to **OUT OF SERVICE**. If that cassette is to be used for future transactions it must be put **IN SERVICE** before it is recognized in the Dispenser.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: CASSETTE

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **SET TERMINAL PARAMETERS**.
- 3.) Select **CASSETTE SETUP**.
- 4.) Choose the **CASSETTE PARAMETERS** option.
- 5.) Choose a cassette (A, B, C, or D).
- 6.) Select the **CASSETTE** option.

SELECT CASSETTE

A

B

C

D

EXIT

DESCRIPTION:

This option provides a convenient way to switch between cassettes when performing cassette-specific operations. Simply select the cassette you wish to work with and a menu of functions related to cassette parameter configuration will be presented. See the description of the **CASSETTE PARAMETERS** function for more information.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: DESCRIPTION

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select CASSETTE SETUP.
- 4.) Choose the CASSETTE PARAMETERS option.
- 5.) Choose a cassette (A, B, C, or D).
- 6.) Select the DESCRIPTION option.

SELECT DESCRIPTION FIELD TO MODIFY

PRIMARY DESCRIPTION

SECONDARY DESCRIPTION

EXIT

DESCRIPTION:

The DESCRIPTION function provides access to menus that let the terminal owner enter a brief description of NON-CASH only items in a cassette. There are two menus for entering descriptive information. The PRIMARY DESCRIPTION is used to provide a brief description of the items in the NON-CASH cassettes. Examples of descriptions are PHONE CARDS, COUPONS, STAMPS, etc. The SECONDARY DESCRIPTION provides a location for other information of general interest or information required by law.

See the coverage of the PRIMARY DESCRIPTION and SECONDARY DESCRIPTION functions on the following pages for additional information and procedures for entering the descriptions.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: PRIMARY DESCRIPTION

FACTORY DEFAULT: NONE

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select CASSETTE SETUP.
- 4.) Choose the CASSETTE PARAMETERS option.
- 5.) Choose a cassette (A, B, C, or D).
- 6.) Select the DESCRIPTION option.
- 7.) Choose the PRIMARY DESCRIPTION option.

DESCRIPTION OF NON-CASH ITEM

ENTER NEW DESC. & PRESS 'OK'

CHANGEEXIT

DESCRIPTION:

The PRIMARY DESCRIPTION is used to provide a brief description of the items in the NON-CASH cassettes. Examples of descriptions are PHONE CARDS, COUPONS, STAMPS, etc.

To enter a number, press the key that has that number. To enter a letter, first press the BLUE key, then press the key that has the letter you want. The first press of the key will display the first character above the number. Subsequent presses will display the other characters in sequence. When the character you want is displayed, press the <RIGHT ARROW> key 'to lock' in the letter. If the next character is a letter, the BLUE key must again be pressed first.

The description of a NON-CASH item may contain up to 28 alphanumeric characters.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SECONDARY DESCRIPTION

FACTORY DEFAULT: 'NONE'

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select CASSETTE SETUP.
- 4.) Choose the CASSETTE PARAMETERS option.
- 5.) Choose a cassette (A, B, C, or D).
- 6.) Select the DESCRIPTION option.
- 7.) Choose the SECONDARY DESCRIPTION option.

IS THE SECONDARY DESCRIPTION
OF NON-CASH ITEMS

ENTER NEW DESC. & PRESS 'OK'

CHANGE

EXIT

DESCRIPTION:

The SECONDARY DESCRIPTION provides a location for other information of general interest or information required by law.

To enter a number, press the key that has that number. To enter a letter, first press the BLUE key, then press the key that has the letter you want. The first press of the key will display the first character above the number. Subsequent presses will display the other characters in sequence. When the character you want is displayed, press the <RIGHT ARROW> key 'to lock' in the letter. If the next character is a letter, the BLUE key must again be pressed first.

The description of a NON-CASH item may contain up to 28 alphanumeric characters.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: FAST CASH AMOUNT

FACTORY DEFAULT: PROCESSOR-SPECIFIC

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **SET TERMINAL PARAMETERS**.
- 3.) Select **CASSETTE SETUP**.
- 4.) Choose the **FAST CASH AMOUNT** option.

The screen displays the title "FAST CASH SCREEN AMOUNTS" and the instruction "SELECT AMOUNT TO BE CHANGED". Below this is a dollar sign "\$" followed by a dashed line. The screen is divided into a 3x2 grid of boxes. The first two rows contain the amount "\$ 0.00" in each box. The third row contains "\$ 0.00" in the left box and the word "EXIT" in the right box.

FAST CASH SCREEN AMOUNTS	
SELECT AMOUNT TO BE CHANGED	
\$	
\$ 0.00	\$ 0.00
\$ 0.00	\$ 0.00
\$ 0.00	EXIT

DESCRIPTION:

During a withdrawal transaction the FAST CASH screen prompts the customer to select the amount of the withdrawal from a list of five convenient amounts. These amounts are entered by the terminal operator using the FAST CASH AMOUNT function. Up to six digits (more with software versions that support extended field lengths) can be entered into any data field accepting a monetary value.

Selecting this function displays the FAST CASH SCREEN AMOUNTS screen. Press the screen key next to the amount to be changed, and it will begin to blink. Enter the new amount (whole dollar amount only), and then press the <OK> key. The value will replace the blinking amount.

The amounts entered must be even multiples of the denomination in the cassette. The amounts do not have to be in any particular order, although typically, they increase in value moving from upper left and down, then upper right and down. *DO NOT enter an amount that is larger than the MAXIMUM WITHDRAWAL AMOUNT.*

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: KEY MANAGEMENT

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Choose the KEY MANAGEMENT option.



The image shows a simulated screen for the 'KEY MANAGEMENT' function. At the top is a header box labeled 'KEY MANAGEMENT'. Below it is a grid of six buttons arranged in three rows and two columns. The buttons are labeled: 'ENTER MKEY INDEX', 'ENTER COMMS KEY', 'ENTER MASTER KEY', 'DOWNLOAD COMMS KEY', 'INJECT MASTER KEY', and 'EXIT'.

DESCRIPTION:

The KEY MANAGEMENT function provides access to Cash Dispenser functions that control the method of entry for the Master Key and the Comms (Communications) Key. The functions accessed through this menu are as follows:

- 1.) ENTER MASTER KEY INDEX
- 2.) ENTER MASTER KEY
- 3.) INJECT MASTER KEY
- 4.) ENTER COMMS. KEY
- 5.) DOWNLOAD COMMS. KEY

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ENTER MKEY INDEX

FACTORY DEFAULT: PROCESSOR-SPECIFIC

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **SET TERMINAL PARAMETERS**.
- 3.) Select **KEY MANAGEMENT**.
- 4.) Choose the **ENTER MKEY INDEX** option.

MKEY INDEX: _

ENTER NEW VALUE. THEN PRESS OK

CHANGEEXIT

DESCRIPTION:

This function is used by Cash Dispensers with certain processor software installed. The MKEY INDEX is preset at the factory and should not be changed without consulting with your processor.

ERROR CONDITIONS:

Changing the MKEY INDEX will result in the failure of all transactions because of an INCORRECT PIN NUMBER and PTFD errors.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ENTER MASTER KEY

FACTORY DEFAULT: PROCESSOR-SPECIFIC

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select KEY MANAGEMENT.
- 4.) Choose the ENTER MASTER KEY option.



ENTER 16 CHARACTER MASTER KEY
THEN PRESS OK

RE-ENTER MASTER KEY

DESCRIPTION:

The MASTER KEY is used to decrypt the communications key when live transactions are done. This key is a 16-character string, consisting of the digits 0-9 and the letters A-F. Your processor must either provide you with the MASTER KEY or it will be loaded at the factory.

For security reasons, when entering this key, a '*' is displayed in place of the actual character. Since it is not possible to view the key while it is entered, the key must be entered in twice to make sure it was entered properly.

To enter a digit 0-9, simply press the key that has that digit, and a '*' will appear. To enter the letters A-F, first press the <BLUE> key, then press the key that has the letter you want on it. The first press of the key will display the first character above the number. Subsequent presses will display the characters in sequence. When the character you want is displayed, press the <RIGHT ARROW> key to 'lock in' the letter. If your next character is a letter, you must press the <BLUE> key again. Press the <CHANGE> key to clear the entry and start over. Press the <LEFT ARROW> key to back up and erase a character.

Normally, the MASTER KEY contains only one part. However, some keys may contain multiple parts. If this is the case, separate individuals will hold the parts. If your key has multiple parts you must answer the question "ANOTHER KEY PART?", with a YES until all parts are entered.

SECTION 5 - MANAGEMENT FUNCTIONS

The CHECK DIGIT that appears after all parts of the master key have been entered is similar to the checksum that is used to verify that the data programmed into a memory device such as an EPROM is correct. The CHECK DIGIT can be verified by doing a RECEIPT PRINTER TEST from the DIAGNOSTICS Menu and comparing the MASTER KEY CHECK DIGIT on the printout to the original receipt printout from the initial terminal setup. If the CHECK DIGIT is different from the original, and the terminal is not operating correctly, the MASTER KEY is corrupt and the assistance of a service technician will be necessary to correct the problem.

ERROR CONDITIONS:

If your second entry of the key does not match the first entry, you will be warned and allowed to start over with the first entry. DO NOT enter any letters other than A-F. Doing so will cause on-line transactions to fail.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: INJECT MASTER KEY**FACTORY DEFAULT: N/A****ACCESS INSTRUCTIONS:**

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select KEY MANAGEMENT.
- 4.) Choose the INJECT MASTER KEY option.

WAITING FOR KEY INJECTION

PRESS CANCEL TO QUIT

DESCRIPTION:

The INJECT MASTER KEY function is used in conjunction with a PC (Personnel Computer) and a special floppy disk to inject the master key from the PC into one or more terminals. Selecting INJECT MASTER KEY will cause the terminal to prepare for the load of the master key from the PC, using a serial data cable.

ERROR CONDITIONS:

Do not connect the load port on the Cash Dispenser to the parallel (printer) port of the PC!

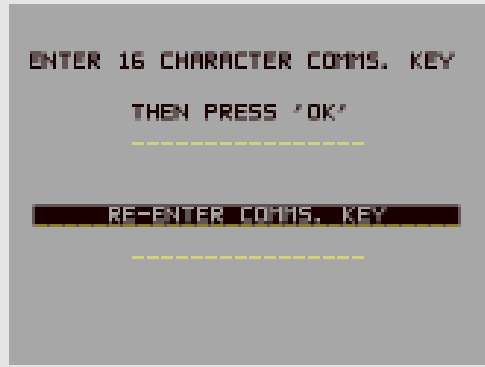
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ENTER COMMS. KEY

FACTORY DEFAULT: PROCESSOR-SPECIFIC

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select KEY MANAGEMENT.
- 4.) Choose the ENTER COMMS. KEY option.



ENTER 16 CHARACTER COMMS. KEY
THEN PRESS 'OK'

RE-ENTER COMMS. KEY

DESCRIPTION:

The COMMS KEY is used to create the customer PIN block for on-line transactions. The COMMS KEY is a 16-character string, consisting of the digits 0-9 and the letters A-F. **DO NOT enter any alphabetic characters other than A-F, or on-line transactions will fail.** Your processor may provide you with the communication key or it may be downloaded from the processor host computer. For security reasons, when entering this key, a '*' is displayed in place of the actual character. Thus, it must be entered in twice to make sure it was entered properly.

To enter a digit 0-9, simply press the key that has that digit, and a '*' will appear. To enter a letter A-F, first press the <BLUE> key, then press the key that has the letter you want on it. The first press of the key will display the first character above the number. Subsequent presses will display the characters in sequence. When the character you want is displayed, press the <RIGHT ARROW> key to 'lock in' the letter. If your next character is a letter, you must press the <BLUE> key again. Press the <CHANGE> key to clear the entry and start over. Press the <LEFT ARROW> key to back up and erase a character.

The CHECK DIGITS that appear after all parts of the COMMS. KEY are entered is used to verify that the key is valid. The CHECK DIGITS can be verified by doing a RECEIPT PRINTER TEST from the DIAGNOSTICS menu and comparing the COMMS KEY CHECK DIGITS on the printout to the original receipt printout from the initial terminal setup. If the CHECK DIGITS are different from the original (see ERROR CONDITIONS), and the terminal is not operating correctly, the COMMS KEY may be corrupt. In such cases, contact your service provider for assistance.

ERROR CONDITIONS:

Some processors download a new COMMS KEY during the Day Close or other procedures, so it may be normal for the CHECK DIGITS value to be different in these cases.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: DOWNLOAD COMMS. KEY

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select KEY MANAGEMENT.
- 4.) Choose the DOWNLOAD COMMS. KEY option.



CONFIGURATION TABLE
DOWNLOADED

PRESS CANCEL TO CONTINUE

DESCRIPTION:

The COMMS. (communications) KEY is used to encrypt the customer PIN information during transaction transmission to the host computer. This key must be downloaded from your host before the Cash Dispenser can operate in a live mode.

When this function is run, a call is placed to your host computer, and a request is made for the communications key to be sent. The host will send the key and several other parameters (such as the surcharge amount, if applicable). Once downloaded, these parameters will remain in the Cash Dispenser, even when turned off and back on.

The TERMINAL NUMBER and PRIMARY PHONE NUMBER must be set before completing this function. If they are not set correctly, the COMMS KEY will not be downloaded.

ERROR CONDITIONS:

If the call cannot be completed, a warning screen will be displayed. If the function continues to fail, first check the phone connection; then check with your host processor.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: TELEPHONE

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select TELEPHONE.



DESCRIPTION:

The TELEPHONE function is used to set up parameters that control telephone communications between the Cash Dispenser and the Processor. The following parameters are accessed through this function.

- 1.) PRIMARY NUMBER
- 2.) BACKUP NUMBER
- 3.) PREDIAL ON/OFF
- 4.) COMPUSEIVE ID
- 5.) MODEM SETUP

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: PRIMARY NUMBER

FACTORY DEFAULT: NONE

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select TELEPHONE.
- 4.) Select the PRIMARY NUMBER option.

PRIMARY PHONE NUMBER

ENTER NEW NUMBER & PRESS 'OK'

CHANGE EXIT

DESCRIPTION:

The Cash Dispenser communicates to your host processor over a dial up phone line. The phone number of the processor must be entered before live transactions can be done.

When this function is selected, the current phone number is displayed (if nothing appears on the screen, no number is set). Select CHANGE to blank the current entry, and then enter the desired phone number. The phone number may be up to 15 digits long. It can also contain a dialing prefix, such as a '9' for an outside line, if necessary. If you need to pause after the prefix, place a comma in the number for a two-second delay at that point. Pressing the <BLUE> key first, then the <0> key, followed by the <RIGHT ARROW> key will select the comma character. Make sure to enter the long distance prefix '1' if you are dialing an 800 number or a toll long distance number. Do not enter dashes in the number.

ERROR CONDITIONS:

There are no error conditions associated with setting the telephone number, but the Cash Dispenser will not process transactions if the phone number is not correct.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: BACKUP NUMBER

FACTORY DEFAULT: NONE

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **SET TERMINAL PARAMETERS**.
- 3.) Select **TELEPHONE**.
- 4.) Select the **BACKUP NUMBER** option.

BACKUP TELEPHONE NUMBER

ENTER NEW NUMBER & PRESS 'OK'

CHANGE **EXIT**

DESCRIPTION:

The Cash Dispenser communicates with your Processors' host computer over a dial up phone line. Some processors allow a backup phone number to try if the primary number fails to connect.

When this function is selected, the current phone number is displayed (if nothing appears on the screen, no number is set). Select **CHANGE** to blank the current entry, and then enter the desired phone number. The phone number may be up to 15 digits long. It can also contain a dialing prefix, such as a '9' for an outside line, if necessary. If you need to pause after the prefix, place a comma in the number for a two-second delay at that point. Pressing the <BLUE> key first, then the <0> key, followed by the <RIGHT ARROW> select the comma. Make sure to enter the long distance prefix '1' if you are dialing an 800 number or a toll long distance number. Do not enter dashes in the number.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: PREDIAL ON/OFF

FACTORY DEFAULT: OFF

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **SET TERMINAL PARAMETERS**.
- 3.) Select **TELEPHONE**.

HOST TELEPHONE NUMBERS	
PRIMARY NUMBER	COMPUSERVE ID
BACKUP NUMBER	MODEM SETUP
PREDIAL OFF	EXIT

DESCRIPTION:

This function allows you to turn on or off the PREDIAL feature. When the feature is turned ON, the terminal will dial out to the processor and establish a connection as soon as the customer's ATM or credit card has been scanned by the card reader. The purpose of this mode of operation is to provide quicker processing of customer transactions. When the feature is turned OFF, the terminal will wait until the customer has selected a particular transaction before dialing out and establishing a connection with the processor.

The current state of the PREDIAL feature is shown as either ON or OFF in the label on the left-hand side of the display. Press the button next to this label to toggle the state of the feature between ON and OFF.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: COMPUSERVE ID

FACTORY DEFAULT: NONE

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select TELEPHONE.
- 4.) Select the COMPUSERVE ID option.

DESCRIPTION:

The CompuServe Network is used by some processors to route transactions. The COMPUSERVE ID function allows the terminal operator or a service technician to view and change the COMPUSERVE ROUTING ID number.

ERROR CONDITIONS:

When CompuServe is used as the communication media for sending and receiving transaction data to the Processor, an incorrect CompuServe ID will cause communication between the terminal and the Processor to fail. **Never change the COMPUSERVE ID unless instructed to do so by your processor.**

COMPUSERVE ROUTING ID

CHANGEEXIT

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: MODEM SETUP

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select TELEPHONE.
- 4.) Select the MODEM SETUP option.

MODEM CONFIGURATION

DIAL MODE	MODEM SETUP STRING
DIAL RATE	RESET/TEST MODEM
BAUD RATE	EXIT

DESCRIPTION:

Selecting the MODEM SETUP OPTION from the TELEPHONE screen allows the terminal operator to select the following parameters:

- 1.) DIAL MODE
- 2.) DIAL RATE
- 3.) BAUD RATE
- 4.) MODEM SETUP STRING
- 5.) RESET/TEST MODEM

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: DIAL MODE

FACTORY DEFAULT: 'DTMF'

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select TELEPHONE.
- 4.) Select the MODEM SETUP option.
- 5.) Select DIAL MODE.



The terminal screen displays the 'DIAL MODE' menu. At the top, 'DIAL MODE' is shown in a box. Below it, 'DTMF' is displayed with a yellow underline. At the bottom, there are three buttons: 'DTMF (TOUCH-TONE)', 'PULSE (ROTARY)', and 'EXIT'.

DESCRIPTION:

The modem is configured to dial in either the touch-tone mode (DTMF), or in the rotary (PULSE) mode. Consult with the local phone company to determine which option is supported. After selecting the dial mode, be certain to execute the RESET/TEST MODEM function. The new dial mode does not take effect until you do this. The factory default for the function is DTMF.

ERROR CONDITIONS:

If the local phone exchange does not support touch-tone, and the terminal is configured for DTMF mode, no calls will be completed. Rotary will work on touch-tone systems, but should not be used if touch-tone is available. Rotary mode will dial much slower than DTMF.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: DIAL RATE

FACTORY DEFAULT: 'FAST'

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select TELEPHONE.
- 4.) Select the MODEM SETUP option.
- 5.) Select DIAL RATE.



DESCRIPTION:

The internal modem can be configured to send dial tones at one of three speeds. The possible values are FAST (75 milliseconds), MED. (150 ms), and SLOW (300 ms). The default value from the factory is FAST. After changing the dial rate, be certain to execute the RESET/TEST MODEM function. The new dial rate does not take effect until you do this.

ERROR CONDITIONS:

There are no error conditions directly associated with this function, but if calls seem to fail, try a slower setting.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: BAUD RATE

FACTORY DEFAULT: '1200'

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select TELEPHONE.
- 4.) Select the MODEM SETUP option.
- 5.) Select BAUD RATE.

MODEM BAUD RATE

1200

1200 bps

2400 bps

EXIT

DESCRIPTION:

The bit rate of the modem can be controlled with this function. The rate can be set to 2400, 1200, or 300 bit per second (bps). The default rate depends on your processor. Do not select 2400 if your processor does not support it.

ERROR CONDITIONS:

If the speed of the modem is set to 2400 bps, it may not connect to a 1200 or 300 bps system. The baud rate of the modem should always be set to the value indicated by your processor.

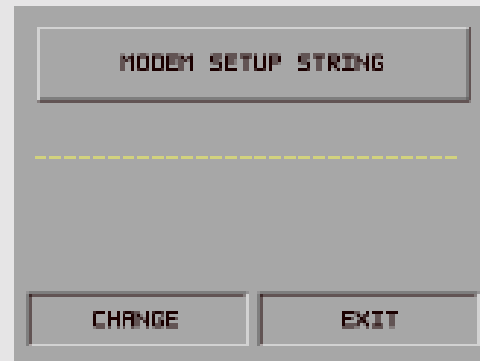
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: MODEM SETUP STRING

FACTORY DEFAULT: MODEM-SPECIFIC

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select TELEPHONE.
- 4.) Select the MODEM SETUP option.
- 5.) Select MODEM SETUP STRING.



MODEM SETUP STRING

CHANGE EXIT

DESCRIPTION:

If special circumstances require a nonstandard modem configuration, a Hayes-compatible setup string can be sent to the modem when it is initialized.

ERROR CONDITIONS:

Setting this value incorrectly will cause communication failure due to improper modem setup. **Consult Triton's Technical Service Department before changing this parameter.**

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: RESET/TEST MODEM

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select TELEPHONE.
- 4.) Select the MODEM SETUP option.
- 5.) Select RESET/TEST MODEM.

DESCRIPTION:

This function is used to reset and test the internal modem. It should be run after setting any of the modem configuration parameters to make sure an error was not made. It **MUST** be run after changing the DIAL MODE or DIAL RATE, otherwise these new values will not take effect until the unit is turned off and back on again.

At the conclusion of the test a screen will appear indicating that the MODEM CONFIGURED AND TESTED OK.

ERROR CONDITIONS:

An error message will indicate a problem if the setup string is invalid or the modem is not responding.



MODEM TESTING / INITIALIZATION
IN PROGRESS
PLEASE WAIT

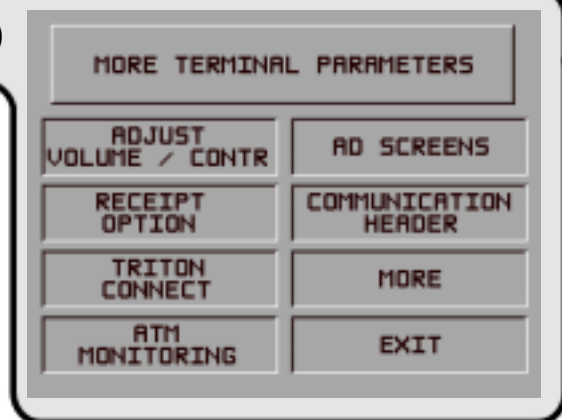
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: MORE (TERMINAL PARAMETERS)

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Choose MORE.

**DESCRIPTION:**

Selecting the MORE TERMINAL PARAMETERS option from the TERMINAL PARAMETERS allows the terminal operator or a service technician to view or change the following:

- 1.) ADJUST VOLUME AND CONTRAST
- 2.) RECEIPT OPTION
- 3.) TRITON CONNECT
- 4.) ATM MONITORING
- 5.) AD SCREENS
- 6.) COMMUNICATION HEADER
- 7.) MORE

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ADJUST VOLUME/CONTR

FACTORY DEFAULT: VOL: Maximum
CONTRAST: Mid-Range

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Choose ADJUST VOLUME/CONTR.



DESCRIPTION:

This feature allows the terminal operator to adjust the speaker volume and the contrast of the display.

To adjust the level of the volume of the beeps emanating from the speaker, press the designated UP or DOWN keys next to the display. Change the contrast of the display by selecting the designated UP or DOWN key to set the display contrast for best viewing.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: RECEIPT OPTION

FACTORY DEFAULT: DISABLED

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **SET TERMINAL PARAMETERS**.
- 3.) Select **MORE**.
- 4.) Choose **RECEIPT OPTION**.



DESCRIPTION:

This feature allows the customer to select the option of receiving or not receiving a receipt at the completion of a transaction. When **RECEIPT OPTION** is **ENABLED** the customer is presented with a message at the conclusion of the transaction asking whether they want a receipt or not. If they respond **NO** to the question, a receipt is not dispensed. If they respond **YES** to the question a receipt is printed. If the customer does not respond to the question, a receipt is automatically printed after a forty-second delay.

If you don't want the customer to have this option, **DISABLE** the **RECEIPT OPTION**. Customers will then receive a receipt after every transaction.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: TRITON CONNECT

FACTORY DEFAULT: DISABLED

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Choose TRITON CONNECT.

The screenshot shows a terminal screen with the following text and buttons:

TRITON CONNECT

TRITON CONNECT IS DISABLED

CALL BACK IS ENABLED

PRIMARY NUMBER	DISABLE CALL BACK
BACKUP NUMBER	ENABLE TRITON CONNECT
ALARM NUMBERS	EXIT

DESCRIPTION:

Selecting the TRITON CONNECT function allows the terminal operator to set up the following parameters associated with Triton Connect:

- 1.) PRIMARY NUMBER
- 2.) BACKUP NUMBER
- 3.) ALARM NUMBERS
- 4.) CALL BACK (ENABLE\DISABLE)
- 5.) TRITON CONNECT (ENABLE\DISABLE)

NOTE: Triton Connect is an option and may not be installed on your terminal.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: PRIMARY NUMBER

FACTORY DEFAULT: NONE

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select TRITON CONNECT.
- 5.) Choose PRIMARY NUMBER.

PRIMARY PHONE NUMBER

ENTER NEW NUMBER & PRESS 'OK'

CHANGEEXIT

DESCRIPTION:

The PRIMARY NUMBER function is used to enter the number that the terminal can use for calling back the Triton Connect Host Computer.

When this function is selected, the current phone number is displayed (if nothing appears on the screen, no number is set). Select CHANGE to blank the current entry, and then enter the desired phone number. The phone number may be up to 15 digits long. It can also contain a dialing prefix, such as a '9' for an outside line, if necessary. If you need to pause after the prefix, place a comma in the number for a two-second delay at that point. Pressing the <BLUE> key first, then the <0> key, followed by the <RIGHT ARROW> key to select the comma character. Make sure to enter the long distance prefix '1' if you are dialing an 800 number or a toll long distance number. Do not enter dashes in the number.

ERROR CONDITIONS::

There are no error conditions directly associated with this function.

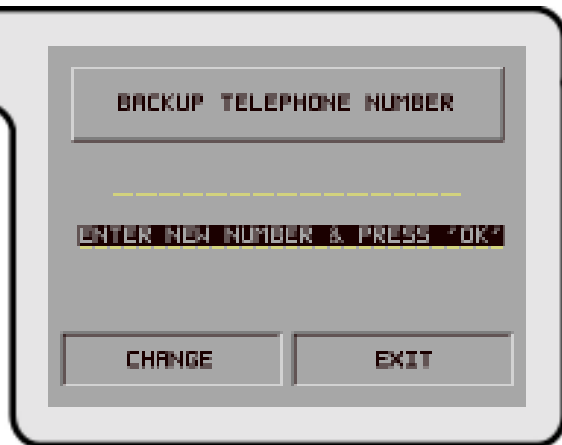
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: BACKUP NUMBER

FACTORY DEFAULT: NONE

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select TRITON CONNECT.
- 5.) Choose BACKUP NUMBER.



BACKUP TELEPHONE NUMBER

ENTER NEW NUMBER & PRESS 'OK'

CHANGE EXIT

DESCRIPTION:

The BACKUP NUMBER function is used to enter a backup number that the terminal can use for calling back the Triton Connect computer.

When this function is selected, the current phone number is displayed (if nothing appears on the screen, no number is set). Select CHANGE to blank the current entry, and then enter the desired phone number. The phone number may be up to 15 digits long. It can also contain a dialing prefix, such as a '9' for an outside line, if necessary. If you need to pause after the prefix, place a comma in the number for a two-second delay at that point. Press the <BLUE> key, then the <0> key, followed by the <RIGHT ARROW> key to select the comma character. Make sure to enter the long distance prefix '1' if you are dialing an 800 number or a toll long distance number. Do not enter dashes in the number.

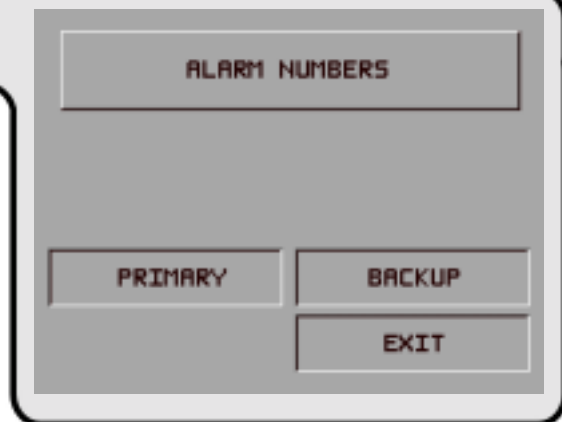
ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ALARM NUMBERS**FACTORY DEFAULT: N/A****ACCESS INSTRUCTIONS:**

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Choose TRITON CONNECT.
- 5.) Choose ALARM NUMBERS.

**DESCRIPTION:**

In some applications the terminal monitoring organization may require different telephone numbers for alarm reporting purposes. This could enable a third party service organization, for example, to be notified of alarm conditions that can occur during non-business hours. Selecting the ALARM NUMBERS option brings up a menu that allows the terminal operator to select and configure the Primary and Backup Triton Connect Alarm Numbers.

NOTE: Triton Connect is an option and may not be installed on your terminal.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

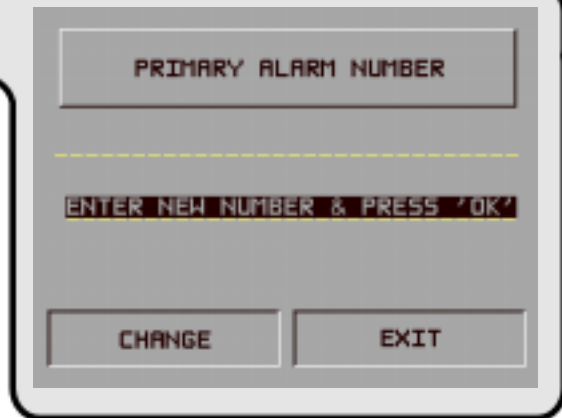
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: PRIMARY ALARM NUMBER

FACTORY DEFAULT: NONE

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select TRITON CONNECT.
- 5.) Select ALARM NUMBERS.
- 6.) Choose PRIMARY.



DESCRIPTION:

The PRIMARY ALARM NUMBER function is used to enter the telephone number that the terminal can use for calling back the Triton Connect Host Computer.

When this function is selected, the current phone number is displayed (if nothing appears on the screen, no number is set). Select CHANGE to blank the current entry, and then enter the desired phone number. The phone number may be up to 15 digits long. It can also contain a dialing prefix, such as a '9' for an outside line, if necessary. If you need to pause after the prefix, place a comma in the number for a two-second delay at that point. Pressing the <BLUE> key first, then the <0> key, followed by the <RIGHT ARROW> key to select the comma character. Make sure to enter the long distance prefix '1' if you are dialing an 800 number or a toll long distance number. Do not enter dashes in the number.

ERROR CONDITIONS::

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: BACKUP ALARM NUMBER

FACTORY DEFAULT: NONE

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select TRITON CONNECT.
- 5.) Select ALARM NUMBERS.
- 6.) Choose BACKUP.

The screenshot shows a terminal screen with a grey background. At the top, a box contains the text "BACKUP ALARM NUMBER". Below this, a dashed line separates the header from the main display area. The main display area shows the text "ENTER NEW NUMBER & PRESS 'OK'". At the bottom, there are two buttons: "CHANGE" on the left and "EXIT" on the right.

DESCRIPTION:

The BACKUP ALARM NUMBER function is used to enter a backup telephone number that the terminal can use for calling back the Triton Connect computer.

When this function is selected, the current phone number is displayed (if nothing appears on the screen, no number is set). Select CHANGE to blank the current entry, and then enter the desired phone number. The phone number may be up to 15 digits long. It can also contain a dialing prefix, such as a '9' for an outside line, if necessary. If you need to pause after the prefix, place a comma in the number for a two-second delay at that point. Press the <BLUE> key, then the <0> key, followed by the <RIGHT ARROW> key to select the comma character. Make sure to enter the long distance prefix '1' if you are dialing an 800 number or a toll long distance number. Do not enter dashes in the number.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ENABLE/DISABLE CALL BACK

FACTORY DEFAULT: ENABLED

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select TRITON CONNECT.



DESCRIPTION:

Normally, when the Triton Connect Host Computer contacts a terminal, it will hang up and wait for the terminal to CALL BACK. This is done for security reasons. The CALL BACK option allows the terminal operator to enable and disable this feature.

Once you've reached the TRITON CONNECT screen, the CALL BACK button will present an option to reverse the current state of the feature. For example, if CALL BACK is currently ENABLED, the CALL BACK option button will show the DISABLE CALL BACK option. Conversely, if CALL BACK is currently DISABLED, the CALL BACK option button will show the ENABLE CALL BACK option.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ENABLE/DISABLE TRITON CONNECT

FACTORY DEFAULT: DISABLED

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select TRITON CONNECT.



DESCRIPTION:

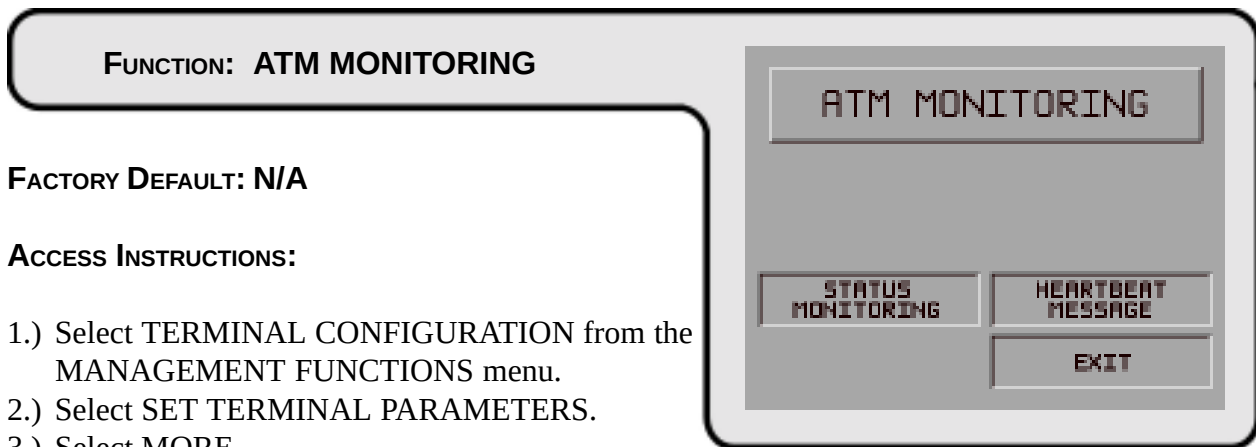
If the Triton Connect feature has been ACTIVATED (using the ACTIVATE function), this function can be used to ENABLE or DISABLE Triton Connect access to the terminal.

Once you've reached the TRITON CONNECT screen, the TRITON CONNECT button will present an option to reverse the current state of this feature. For example, if Triton Connect is currently ENABLED, the button will show the DISABLE TRITON CONNECT option. Conversely, if Triton Connect is currently DISABLED, the option button will show the ENABLE TRITON CONNECT option.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS



DESCRIPTION:

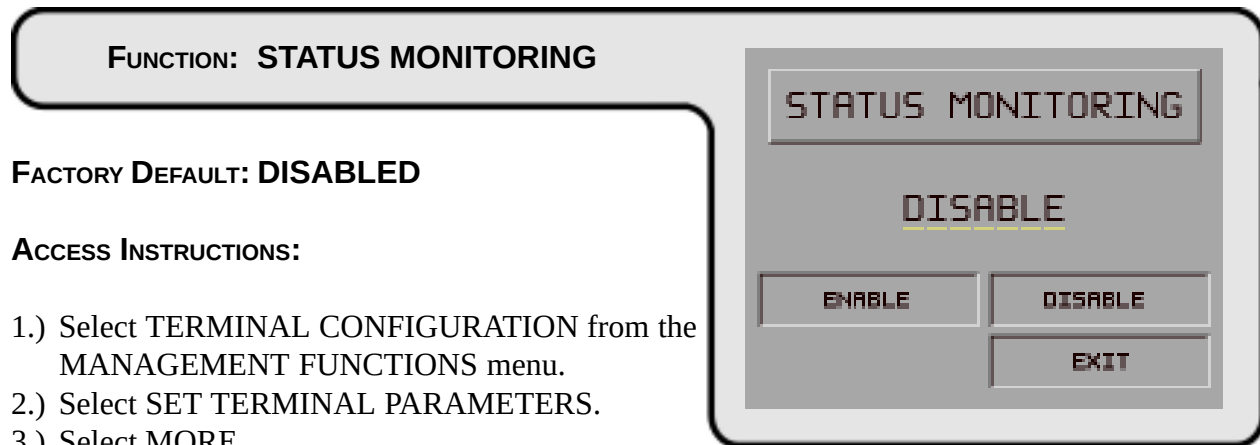
The ATM Monitoring screen provides access to the following functions:

- 1.) **STATUS MONITORING.** When this feature is enabled the terminal will send operational status information to the processor during the certain transactions.
- 2.) **HEARTBEAT MESSAGE.** The Heartbeat Message feature is designed to provide a means of reporting communications system status to the host processor.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS



DESCRIPTION:

STATUS MONITORING is a feature that is available with selected processor software. When enabled the terminal will send operational status information to the processor during certain transactions with the processor. The status information is sent in a data field that is part of any of the following messages sent to the processor:

- 1.) A Transaction Request Message
- 2.) Configuration Table Download Request Message (Comms Key Download)
- 3.) Host Totals Download Request Message
- 4.) Reversal Request Message.

Turn this feature on by selecting the ENABLE option on this screen. Select DISABLE to inhibit the operation of the STATUS MONITORING feature.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: HEARTBEAT MESSAGE

FACTORY DEFAULT: DISABLED

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select ATM MONITORING.
- 5.) Select HEARTBEAT MESSAGE.

HEARTBEAT MESSAGE IS: ENABLED
AND
THE DELAY PERIOD IS: MINUTES

ENABLE

CHANGE
DELAY PERIOD

DISABLE

EXIT

DESCRIPTION:

The HEARTBEAT MESSAGE feature is designed to provide a means of reporting communications system status to the host processor.

Status reporting by dial-up ATMs is now the norm, but the single most important feature that cannot be monitored is the communications status. The absence of transactions from a particular terminal can mean one of two things. Usually the lack of calls indicates nothing more than a slow period. Sometimes, though, a piece of the communications system will fail and inhibit any calls from being made. The host has no way of determining which scenario is occurring in any kind of real-time mode. The Heartbeat Message overcomes this limitation.

When this feature is ENABLED, the terminal will call the host after a period of inactivity. During this call, the terminal will request a COMMS KEY DOWNLOAD (the normal configuration download request), and will also report status (if the STATUS MONITORING function is ENABLED). This allows the host to determine if a particular terminal is still in operation, even though it may not be performing any transactions at the time. With this feature enabled, the host can finally monitor communications system failures.

The Heartbeat Message feature on the Cash Dispenser has several parameters that must be set to operate properly. These parameters are:

- 1.) HEARTBEAT MESSAGE. This parameter turns on or off the regular call to the host.
- 2.) DELAY PERIOD. This parameter sets the time interval that must expire before a Heartbeat Message will be sent. It is specified in minutes.

SECTION 5 - MANAGEMENT FUNCTIONS

Once the Heartbeat Message call feature is enabled at the terminal, an internal timer will be initialized to the number of minutes set in the DELAY PERIOD parameter at system power-up and after a reset. This timer is restarted each time a call is made to the host. A call to the host is defined as any transaction, including financial, balancing and configuration that actually communicates with the host to the point that the Terminal ID is recognized. A customer transaction that is declined will reset the timer, while a call that fails because the host phone number was busy would not.

It is important to remember that as long as transactions are being done on the terminal on a regular basis, Heartbeat Message calls will not be made. The sole purpose of these calls is to let the host know that the terminal is OK when it is NOT performing regular transactions.

Because the primary purpose of the Heartbeat Message call is to let the host know everything is all right, a Heartbeat Message call that DOES NOT succeed for any reason is not retried. If the call does fail, the interval timer will be reset and the terminal will remain in service.

While the concept of the Heartbeat Message call is simple, interpreting the absence of an expected call must be explained. Listed below are reasons why Heartbeat Message calls will not be received at the host either when expected or at all.

Feature Not Turned On

Obviously, if the feature is not enabled, no Heartbeat Message calls will be made.

Terminal is Doing Transactions

If the terminal does at least one regular customer transaction or balancing transaction before the interval timer, no Heartbeat Message call will be made.

Terminal is in Management Function Mode

Heartbeat Message calls are suspended while the terminal is in the Management mode, although the interval timer continues to run. If the timer expires while the terminal is in this mode, the call will be delayed until the terminal returns to the normal service mode.

Terminal is Out of Service

When the terminal goes out of service, one Heartbeat Message call is made. After that call, all further calls are suspended until it is returned to normal service.

SECTION 5 - MANAGEMENT FUNCTIONS

Terminal is Turned Off or Power Has Failed

If the terminal is turned off, no calls will be made. While an obvious point, it means that for this feature to be of any value, the terminal must always remain on.

Communications System Has Failed

A failure of any piece of the communications system will result in missed calls. This includes the terminal modem, the phone line to the terminal, and any intermediate telecommunications providers.

Terminal Was Reset or Power Cycled

Since the interval timer is reset when the terminal is reset, a scheduled call may not occur at the expected time.

To realize the benefits of the Heartbeat Message, the host must be programmed to monitor the interval between calls from the terminal. It is important to note, though, that the host interval threshold should be set to a value greater than that programmed at the terminal. A practical guideline is at least twice the terminal interval. This allows for Heartbeat Message calls that are delayed because the terminal is in Management mode, or calls skipped because of a system reset.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: AD SCREENS

FACTORY DEFAULT: ENABLED

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select AD SCREENS.

A screenshot of the terminal's AD SCREENS menu. The menu is displayed on a screen with a grey background. At the top, the text 'AD SCREENS' is shown in a large, bold, sans-serif font. Below this, the word 'ENABLE' is displayed in a smaller, bold, sans-serif font, with a yellow underline. At the bottom of the screen, there are three buttons: 'ENABLE', 'DISABLE', and 'EXIT', each in a bold, sans-serif font. The 'ENABLE' button is highlighted with a yellow border.

DESCRIPTION:

The terminal must have at least one Memory Expansion Card installed for this feature to operate. AD SCREENS is a feature that causes the display on an idle terminal to alternate between the WELCOME SCREEN and a screen containing graphics and text elements used to make an advertisement screen. AD SCREENS are created in a special graphics editor that runs from the Triton Connect Terminal Managers program. The graphics editor lets the user import 16-color bit-mapped graphic files in the '.bmp' format with a maximum resolution of 320 dots by 240 dots. The graphic can then be relocated in the display area. Then text can be added to the display and the graphic and text are saved in the proprietary '.TCG' (Triton Connect Graphic) file format. TCG files can then be downloaded to the terminals' Expansion Memory Card for display on the screen. In addition to the graphic, data is also downloaded that establishes what time of day and for how long the Ad Screen is displayed.

Selecting ENABLE from the AD SCREENS Menu turns on the AD SCREENS feature. Selecting DISABLE turns off the feature.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: COMMUNICATION HEADER

FACTORY DEFAULT: PROCESSOR-SPECIFIC

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select COMMUNICATION HEADER.



DESCRIPTION:

The COMMUNICATION HEADER is an optional feature that is only applicable to certain processors. When a specified processor requires the use of the COMMUNICATIONS HEADER it must be ENABLED and have the correct data in the header data field. The COMMUNICATION HEADER data field consists of alphanumeric characters.

To enter a digit 0-9, press the key that has that digit. To enter a letter, first press the <BLUE> key, then press the key that has the letter you want on it. The first press of the key will display the first character above the number. Subsequent presses will display the characters in sequence. When the character you want is displayed, press the <RIGHT ARROW> key to 'lock in' the character. If your next character is a letter, you must press the <BLUE> key again.

ERROR CONDITIONS:

Enabling the COMMUNICATION HEADER when using a processor that doesn't use this feature will prevent any type of transaction from completing. Disabling or having incorrect data in the COMMUNICATION HEADER data field (if the feature is required) will also prevent any type of transaction from processing.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: MORE (TERMINAL PARAMETERS)

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select MORE.



DESCRIPTION:

This screen allows you to select additional terminal parameters functions. The functions available are ALARM THRESHOLDS and VIEW/MODIFY OPTIONS. ALARM THRESHOLDS is used to monitor the status of various parameters (such as number of journal entries, or the level of cash remaining in the cassette), and determines at what point a notification message will be sent to a remote computer. This remote computer must be running Triton Connect monitoring software.

The VIEW/MODIFY OPTIONS function is used to activate or deactivate special terminal features such as Triton Connect.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

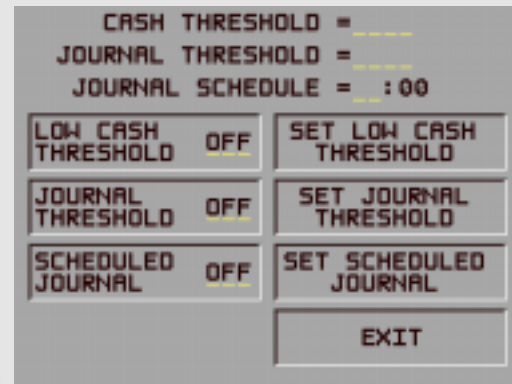
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ALARM THRESHOLDS

FACTORY DEFAULT: OFF

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select MORE.
- 5.) Select ALARM THRESHOLDS.



DESCRIPTION:

This function allows you to turn on or off the LOW CASH THRESHOLD, JOURNAL THRESHOLD, and SCHEDULED JOURNAL features.

- 1.) **LOW CASH THRESHOLD.** When this feature is turned ON, the terminal sends a notification message to a remote Triton Connect computer if the amount of cash in the cassette falls below the level specified using the SET LOW CASH THRESHOLD function. When this feature is turned OFF, no notification message will be sent.
- 2.) **JOURNAL THRESHOLD.** When this feature is turned ON, the terminal will send a notification message to a remote Triton Connect computer if the number of entries in the journal exceeds the level specified using the SET JOURNAL THRESHOLD function. When this feature is turned OFF, no notification message will be sent.
- 3.) **SCHEDULED JOURNAL.** When this feature is turned ON, the terminal will automatically send all journal data to a remote Triton Connect computer at a time established using the SET SCHEDULED JOURNAL function. When this feature is turned OFF, the journal will not be sent automatically.

The current state of each function is shown as either ON or OFF in the applicable label on the left-hand side of the display. Press the button next to the applicable label to toggle the state of the feature between ON and OFF.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

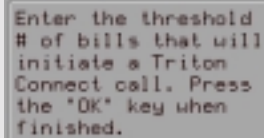
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SET LOW CASH THRESHOLD

FACTORY DEFAULT: 0

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select MORE.
- 5.) Select ALARM THRESHOLDS.
- 6.) Select SET LOW CASH THRESHOLD.



DESCRIPTION:

This function allows you to enter the number of bills that will act as a low cash threshold. When the number of bills in the cassette drops below the value set in this function, the terminal will automatically send a notification message to a remote Triton Connect computer.

To ensure the accuracy of the threshold, make sure to use the ENTER QTY. IN CASSETTE function after replenishing the cash in the cassette.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

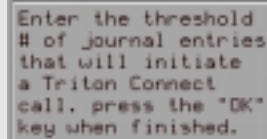
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SET JOURNAL THRESHOLD

FACTORY DEFAULT: 0

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select MORE.
- 5.) Select ALARM THRESHOLDS.
- 6.) Select SET JOURNAL THRESHOLD.



0

DESCRIPTION:

This function allows you to enter the number of journal entries that will act as a threshold. When the number of journal entries rises above the value set in this function, the terminal will automatically contact the remote Triton Connect computer and initiate a transfer of the journal.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

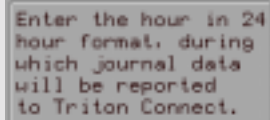
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SET SCHEDULED JOURNAL

FACTORY DEFAULT: 0

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select MORE.
- 5.) Select ALARM THRESHOLDS.
- 6.) Select SET SCHEDULED JOURNAL.



Enter the hour in 24
hour format, during
which journal data
will be reported
to Triton Connect.

— :00

DESCRIPTION:

This function allows you to enter the time at which the terminal will automatically contact a remote Triton Connect computer and initiate a transfer of the journal.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: VIEW/MODIFY OPTIONS

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select MORE.
- 5.) Select VIEW/MODIFY OPTIONS.



DESCRIPTION:

The VIEW/MODIFY OPTIONS FUNCTION provides access to terminal parameters for setting the following:

- 1.) ACTIVATE (A selected feature.)
- 2.) DEACTIVATE (A selected feature.)
- 3.) SELECT FEATURE NUMBER

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: **ACTIVATE**

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Select **SET TERMINAL PARAMETERS**.
- 3.) Select **MORE**.
- 4.) Select **MORE**.
- 5.) Select **VIEW/MODIFY OPTIONS**.
- 6.) Choose **ACTIVATE**.



DESCRIPTION:

To activate a **FEATURE** an activation code must be obtained from the Triton Systems, Inc., Technical Support Department. When calling Triton Systems Inc., you will be asked to provide the serial number that is displayed on the **FEATURE 00 SERIAL NUMBER** screen.

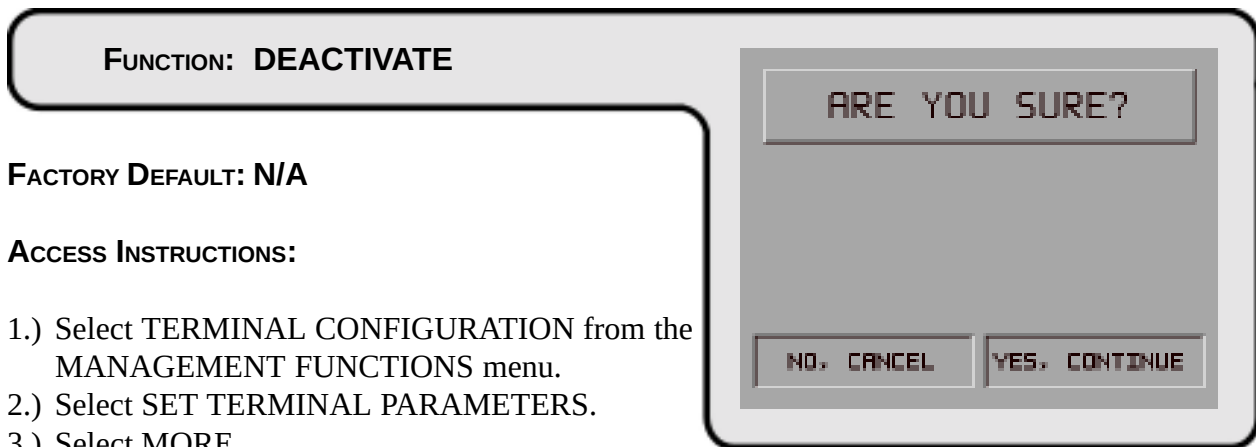
Once the activation code is obtained, select the **ACTIVATE** option from the **FEATURE 00** Menu to display the **FEATURES 00 SERIAL NUMBER** screen. Enter the activation code into the terminal while the **FEATURE 00 SERIAL NUMBER** screen is displayed. Press **<OK>**. If the activation code is correct, a screen informing you that the terminal must be reset to activate the feature is displayed. Reset the terminal by depressing the **RESET** switch on the card cage or cycling the Main Power Switch on the Power Supply from **ON** to **OFF** to **ON**.

If the activation code is entered incorrectly, the terminal will beep 4 times and return to the **FEATURE 00** Menu.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

**DESCRIPTION:**

To DEACTIVATE a Feature, select the DEACTIVATE option from the FEATURE menu. When DEACTIVATE is selected a confirmation screen (“ARE YOU SURE?”) is displayed. Select YES, CONTINUE on the confirmation screen and the FEATURE Menu will be displayed indicating Feature 00 “IS NOT ACTIVE” .

Selecting the NO, CANCEL option when “ARE YOU SURE?” is displayed will return the display to the FEATURE main menu.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SELECT FEATURE NUMBER

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Select SET TERMINAL PARAMETERS.
- 3.) Select MORE.
- 4.) Select MORE.
- 5.) Select VIEW/MODIFY OPTIONS.
- 6.) Choose SELECT FEATURE NUMBER.



DESCRIPTION:

Selects the feature number to examine or to activate/deactivate. For example, entering the numbers “00” selects the Triton Connect feature. The current status of the feature will be displayed. Use the ACTIVATE and DEACTIVATE functions as appropriate to change the status of the selected feature.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

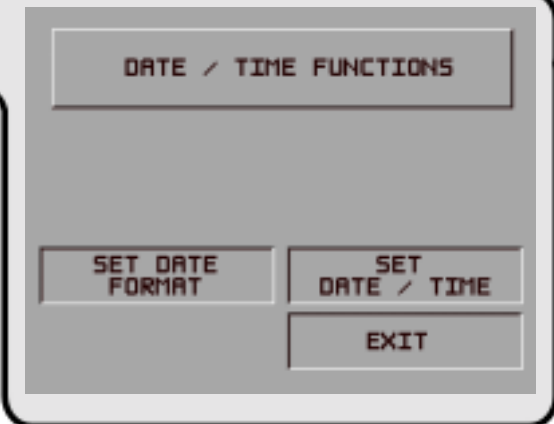
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: DATE / TIME FUNCTIONS

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Choose DATE / TIME FUNCTIONS.



DESCRIPTION:

This screen provides a menu of functions related to configuration of date and time parameters for the Cash Dispenser:

- 1.) SET DATE FORMAT. This option allows you to choose between a DD/MM/YY and a MM/DD/YY date format the terminal will use when printing receipts and other reports.
- 2.) SET DATE / TIME. This option enables you to configure the actual date and time the terminal uses when printing receipts and other reports.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SET DATE FORMAT

FACTORY DEFAULT: MM/DD/YY

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Choose **DATE / TIME FUNCTIONS**.
- 3.) Choose **SET DATE FORMAT**.



DESCRIPTION:

This function provides a way to change the date format the terminal uses when printing a date field on receipts and reports. Press the button next to the desired option to activate that format.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SET DATE / TIME

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Choose **DATE/TIME FUNCTIONS**.
- 3.) Choose **SET DATE / TIME**

DATE/TIME

06/03/97
12:40:57 PM

SET DATE-->
SET TIME-->

EXIT- >

DESCRIPTION:

The Cash Dispenser contains an internal clock that maintains the date and time, even when power is disconnected from the unit.

Press **SET DATE** to begin the date entry process. Press **SET TIME** to begin the time entry process.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SET DATE

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select TERMINAL CONFIGURATION from the MANAGEMENT FUNCTIONS menu.
- 2.) Choose DATE/TIME FUNCTIONS.
- 3.) Select SET DATE / TIME.
- 4.) Select SET DATE..

DATE SET

MM/DD/YY

BACKSPACE-->

CLEAR-->

QUIT-->

SET DATE-->

DESCRIPTION:

Press SET DATE to begin the date entry process. The date is entered in the form 'MM/DD/YY' (month, day, year). Do not enter the '/' characters separating the fields, just the fields themselves. Press CLEAR to erase everything and start over. Press the BACKSPACE key to back up and erase a single character. Press QUIT to escape without doing anything. Press SET DATE to load the entered date into the clock.

The Cash Dispenser will not let you enter an invalid number for hours or minutes. The clock will properly handle the rollover to the year 2000.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

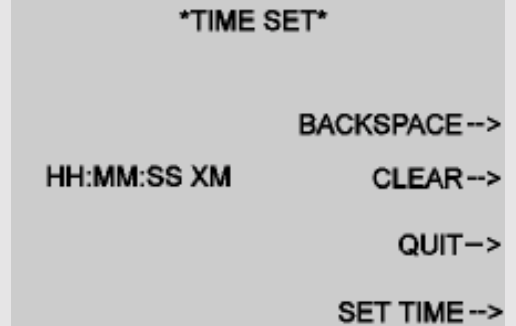
SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: SET TIME

FACTORY DEFAULT: N/A

ACCESS INSTRUCTIONS:

- 1.) Select **TERMINAL CONFIGURATION** from the **MANAGEMENT FUNCTIONS** menu.
- 2.) Choose **DATE/TIME FUNCTIONS**.
- 3.) Select **SET DATE / TIME**.
- 4.) Select **SET TIME...**



TIME SET

HH:MM:SS XM

BACKSPACE-->

CLEAR-->

QUIT-->

SET TIME-->

DESCRIPTION:

The time is entered in the form 'HH:MM:SS' (hours, minutes, seconds). Do not enter the ':' characters separating the fields, just the fields themselves. Press **CLEAR** to erase everything and start over. Press the **BACKSPACE** key to back up and erase a single character. Press **QUIT** to escape without doing anything. Press **SET TIME** to load the entered time into the clock.

The Cash Dispenser will not let you enter an invalid number for hours or minutes. The clock will properly handle the rollover to the year 2000.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: TRANSACTION TYPES

FACTORY DEFAULT: ON

ACCESS INSTRUCTIONS:

- 1.) Select the **TERMINAL CONFIGURATION** option from the **MANAGEMENT FUNCTIONS** screen.
- 2.) Select **TRANSACTION TYPES**.

PRESS THE BUTTON NEXT TO
THE TRANSACTION TYPE TO
TOGGLE IT ON OR OFF.

TRANSFERS OFF

BALANCE
INQUIRIES OFF

EXIT

DESCRIPTION:

This function allows you to turn on or off the availability of the two transaction types: **TRANSFERS** and **BALANCE INQUIRIES**. When a transaction type is turned ON, the terminal will provide that option to the customer. When a transaction type is turned OFF, the selected transaction type will not be displayed to the customer.

The current state of the transaction type is shown as either ON or OFF in the applicable button label on the display. Press the button next to the label to toggle the state of the transaction type between ON and OFF.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 5 - MANAGEMENT FUNCTIONS

FUNCTION: ACCOUNT TYPES

FACTORY DEFAULT: ON

ACCESS INSTRUCTIONS:

- 1.) Select the **TERMINAL CONFIGURATION** option from the **MANAGEMENT FUNCTIONS** screen.
- 2.) Select **ACCOUNT TYPES**.

PRESS THE BUTTON NEXT TO
THE ACCOUNT TYPE TO
TOGGLE IT ON OR OFF.

SAVINGS

OFF

CREDIT
CARD

ON

EXIT

DESCRIPTION:

This function allows you to turn on or off the availability of two account types: **SAVINGS** and **CREDIT CARD**. When an account type is turned **ON**, the terminal will provide that option to the customer. When an account type is turned **OFF**, the selected account type will not be displayed to the customer.

The current state of the account type is shown as either **ON** or **OFF** in the applicable button label on the display. Press the button next to the label to toggle the state of the account type between **ON** and **OFF**.

ERROR CONDITIONS:

There are no error conditions directly associated with this function.

SECTION 6
MAINTENANCE

SECTION 6 - MAINTENANCE

*** WARNING ***

No attempt should be made to repair or service this unit by the user! Any such attempt may damage the unit and will void the warranty.

CLEANING THE ENCLOSURE

The Cash Dispenser front panel is highly durable, resisting scratches and finger smudges. However, occasional cleaning of the front panel and the plastic enclosure may be desirable. A soft dry or slightly damp cloth may be used for cleaning. For best results, a weak solution of a mild detergent and water should be used.

WARNING

Avoid using abrasive cleaners on any surface of the cash dispenser. Do not spray cleaner liquids directly on the unit. .

CLEANING THE DISPLAY

The Liquid Crystal Display (LCD) on the front of the cash dispenser has a plastic protective window that should be cleaned only with a SOFT cloth, dampened with a weak solution of a mild detergent and water.

WARNING

Do not use any abrasive cleaners on the window, as it will scratch. Do not spray liquids onto the screen, as they may run down inside the unit and cause damage.

CARD READER MAINTENANCE

Special cleaning cards are available for proper maintenance of the card reader. The reader should be cleaned at least once a month by inserting and removing a cleaning card, as shown in Figure 6-1. It may be necessary to clean the card reader more often in locations that see heavy usage.



Figure 6-1. Use the cleaning cards on a monthly basis to maintain effective card reader operation.

SECTION 6 - MAINTENANCE

REPLENISHING THE RECEIPT PAPER

NOTE:

This operation can be completed with the AC Power applied to the Cash Dispenser

1. This operation can be completed with the power on. Open the top of the cash dispenser by unlocking the top enclosure and pulling the hinged door forward.

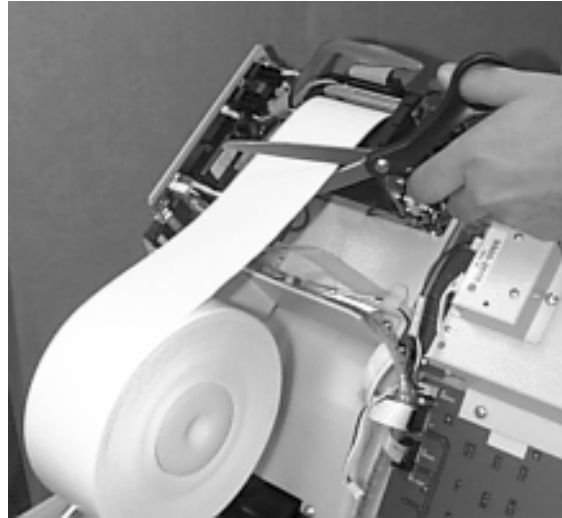


Figure 6-2. Cut any paper between the roll and the printer feed path with scissors.

2. Remove any paper that remains in the paper path as follows:
 - a. If paper remains on the roll, cut the paper between the roll and the printer with a pair of scissors as shown in Figure 6-2. Use the RECEIPT PRINTER PAPER FEED BUTTON (Figure 6-3) to feed the paper through the paper path until all paper comes out the front of the printer.

NOTE:

Do not pull the paper backward through the printer. This may leave paper fragments that can cause paper jams.

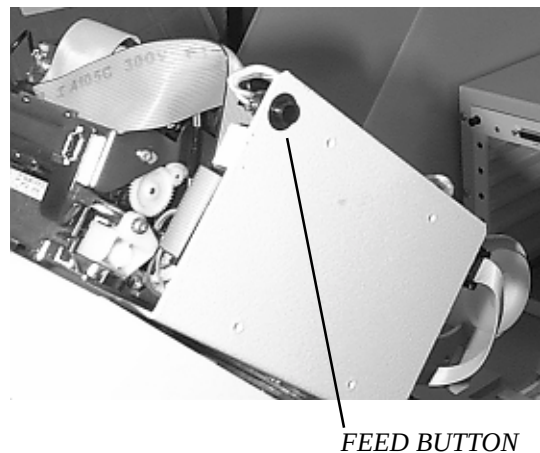


Figure 6-3. The PAPER FEED BUTTON.

SECTION 6 - MAINTENANCE

3. Push the paper spool (or partial roll of paper) from its location in Figure 6-4A to the position shown in Figure 6-4B.



Figure 6-4A. Paper Spool in its normal operating position.

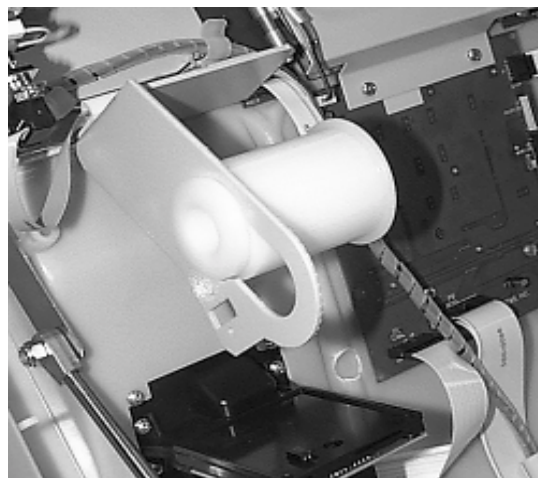


Figure 6-4B The Paper Spool in position for removal.

4. Remove the paper spool from the paper support bracket by pulling the slotted small end of the spool out of bracket.
5. Remove the tab securing the end of the new paper roll to itself. Use scissors to cut off all of the paper up to and including the glue tab. Insert the paper spool into the new roll of paper (as shown in Figures 6-5A and 6-5B). Use a 6-inch roll of 60-mm wide thermal paper. Be sure the paper spool is inserted so that the paper will feed from the top of the roll when it is installed on the paper bracket.

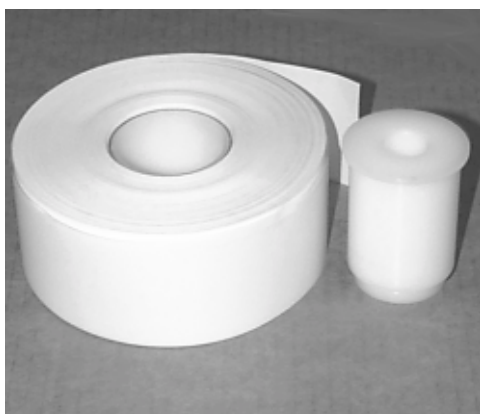


Figure 6-5A. The paper and paper spool.



Figure 6-5B. Spool inserted into the roll of paper.

SECTION 6 - MAINTENANCE

6. Place the paper roll and paper spool back on the paper bracket by sliding the small slotted end of the spool into the large hole in the bracket as shown in Figure 6-6A. Push the paper and spool into the operating position to lock them in place as seen in Figure 6-6B.



Figure 6-6A. Placing the paper roll and spool on the paper bracket.



Figure 6-6B. Paper roll and spool in place for operation.

7. Once the paper roll and spool are installed on the paper bracket, take the end of paper roll and feed it into the printer path paper entrance, as shown in Figure 6-7.

Insert end of paper here.

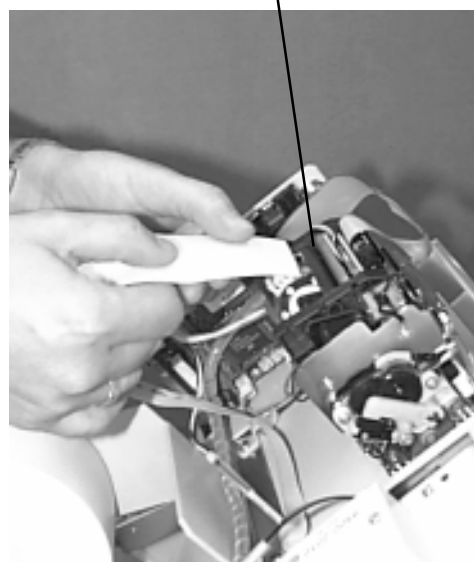


Figure 6-7. Feeding paper into the printer.

SECTION 6 - MAINTENANCE

8. Once the paper is fed into the paper path entrance, the printer will activate and automatically feed the paper through the printer and out the exit. See Figure 6-8.
9. Close and lock the Cash Dispenser.



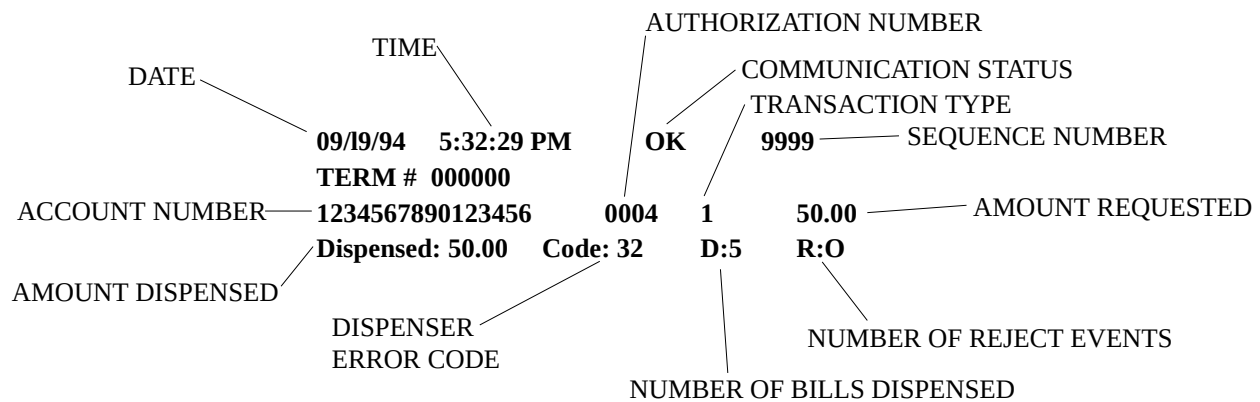
Figure 6-8. A new roll of paper installed on the Printer.

SECTION 7
JOURNAL ENTRIES

SECTION 7 - JOURNAL ENTRIES

JOURNAL ENTRIES

Journal entries are printed on a per transaction basis. Each new entry begins with a blank line. The following is an example of a typical journal entry. In the case of a communications error, most of this information is omitted and an error code would be printed.



The transaction types are:

- 1 - Withdrawal from checking
- 2 - Withdrawal from savings
- 3 - Withdrawal from credit card
- 4 - Transfer checking to savings
- 5 - Transfer savings to checking
- 6 - Transfer credit to checking
- 7 - Transfer credit to savings
- 8 - Checking balance inquiry
- 9 - Savings balance inquiry
- 10 - Credit balance inquiry.

For an explanation of the dispenser error codes consult Section 8, Error Recovery. Each reject event will result in one or more bills in the reject compartment inside the note cassette.

SECTION 8

ERROR RECOVERY

SECTION 8 - ERROR RECOVERY

INTRODUCTION

The Cash Dispenser operating system determines the operational status of each of its components by routinely performing a system status check. A status check is performed:

- 1.) During power up.
- 2.) Once every forty seconds while the dispenser is not in use.
- 3.) Before leaving the Management Functions main menu screen.
- 4.) After every transaction.

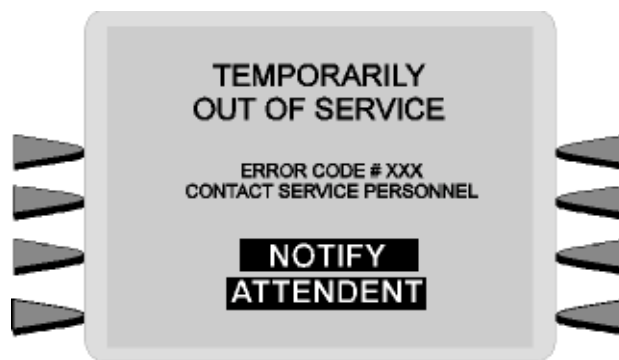


Figure 8-1. The “Out of Service” display.

An error detected during a status check will place the dispenser in an “OUT OF SERVICE” mode of operation and display the messages shown in Figure 8-1 on the LCD display screen.

ERROR RECOVERY

Many error conditions require the assistance of a qualified service technician to return the Cash Dispenser to normal operation. But there are some actions that the end user can perform to confirm the existence of a problem or correct simple problems.

Table 8-1, Error Recovery Procedures, provides a list of error conditions that can cause the Cash Dispenser to enter an “OUT OF SERVICE” condition. The table lists the error codes, a description of each error message and possible corrective actions non-service personnel can perform in an attempt to return the unit to normal operation.

Many of the procedures direct you to RESET the Cash Dispenser as the first step. This action may be all that is necessary to clear the error indication. In other cases further actions may be necessary. If necessary, you will be directed to contact your service organization.

SECTION 8 - ERROR RECOVERY



Figure 8-2. The location of the RESET and AC POWER Switch.

RESETTING THE CASH DISPENSER

In the “OUT OF SERVICE” mode of operation the dispenser will not respond to any inputs to the keypad or card reader.



Figure 8-3. The RESET ERROR/MANAGEMENT Menu.

Try to return the dispenser to normal operation by performing a RESET. To do this, perform either of the following two actions:

- 1.) Press and then release the RESET Switch (See Figure 8-2).
- 2.) Turn the AC Power Switch OFF for a few seconds, then turn it back ON.

SECTION 8 - ERROR RECOVERY

After resetting the Cash Dispenser, the RESET ERROR/MANAGEMENT Menu (refer to Figure 8-3.) is displayed on the LCD display screen. This menu allows you to perform two actions:

- 1.) Enter MANAGEMENT mode.
- 2.) RESET the error that caused the OUT OF SERVICE condition.

After selecting the RESET ERROR option, and if no additional error conditions exist, the CUSTOMER WELCOME screen should appear. At this point one further step is usually recommended to confirm that the dispenser is working normally, and that is to perform a TEST DISPENSE. The success of this operation is usually a good indication that the overall dispenser control system and dispensing mechanism are working normally.

It is possible that more than one error condition exists. In these cases, after resetting the original error message (or after performing a TEST DISPENSE) a different error message may be displayed. Address each error message according to the instructions given in Table 8-1, until all problems have been corrected and the Cash Dispenser has been restored to normal operation, or you are instructed to contact your service organization.

SECTION 8 - ERROR RECOVERY

**TABLE 8-1
ERROR RECOVERY PROCEDURES**

Error/Status Code	Meaning	Recommended Actions
1-4	Unsolicited Note Channel 1 to 4.	Contact your service provider.
9-12	Stream Feed Channel 1 to 4.	Contact your service provider.
17	Feed Failure Channel 1.	Turn off the dispenser and open the security container. Remove the top currency cassette and verify that there is currency in the cassette. Refill the cassette or replace the cassette with one that is full of currency and is the same type (A, B, C, or D) as the cassette being replaced. If the cassette has currency in it, verify that the currency is suitable for dispensing. Make sure the cassette packer plate is released. Install the cassette and close the security container. Turn on the dispenser. When the RESET ERROR/MANAGEMENT menu is displayed, enter the management Mode and use the CASSETTE SERVICE option to put all cassettes IN SERVICE. Return to the RESET ERROR/MANAGEMENT menu. Press the RESET ERROR key. If the error clears, complete a test dispense. If satisfactory, place the Cash Dispenser back in service. If the error occurs again, contact your service provider.

SECTION 8 - ERROR RECOVERY

TABLE 8-1
ERROR RECOVERY PROCEDURES

Error/Status Code	Meaning	Recommended Actions
18	Feed Failure Channel 2.	Follow the Recommended actions for Error Code 17, but check the second cassette.
19	Feed Failure Channel 3.	Follow the Recommended actions for Error Code 17, but check the third cassette.
20	Feed Failure Channel 4.	Follow the Recommended actions for Error Code 17, but check the fourth cassette.
25-28	Note jammed before DDM Channel 1 to 4.	Contact your service provider.
33	Note jammed between DDM and exit sensor.	Contact your service provider.
34	Note jammed between DDM and reject sensor.	Contact your service provider.
35	Denomination error, cassette absent.	Turn off the dispenser and open the security container. Verify all cassettes are in place and correctly installed. Close the security container and turn on the dispenser. When the RESET ERROR/MANAGEMENT menu is displayed, enter the Management Mode and use the CASSETTE SERVICE option to place all cassettes IN SERVICE. Return to the RESET ERROR/MANAGEMENT menu. Press the RESET ERROR key. If the error occurs again, contact your service provider.
36	Unidentified cassette code.	Contact your service provider.

SECTION 8 - ERROR RECOVERY

TABLE 8-1
ERROR RECOVERY PROCEDURES

Error/Status Code	Meaning	Recommended Actions
37	Diverter 1 did not go to reject position.	Reset the Cash Dispenser by either: 1.) Turning off the AC power then turning it back on, or 2.) By pressing and releasing the RESET switch. When the RESET ERROR/MANAGEMENT menu is displayed, press the RESET ERROR key. If the error clears, complete a test dispense. If satisfactory, place the Cash Dispenser back in service. If the error occurs again, contact your service provider.
38	Diverter 2 did not go to reject position.	Follow the Recommended Actions for Error Code 37.
41-44	Miscount Channel 1 to 4.	Follow the Recommended Actions for Error Code 37.
49-52	Too few notes dispensed Channel 1 to 4.	Follow the Recommended Actions for Error Code 37.
57	Invalid data command.	Follow the Recommended Actions for Error Code 37.
58	Too many notes dispensed.	Follow the Recommended Actions for Error Code 37.
59	Timing wheel error.	Follow the Recommended Actions for Error Code 37.
60	Counting sensor blocked.	Follow the Recommended Actions for Error Code 37.
61	Loss of power during payment or purge.	Follow the Recommended Actions for Error Code 37. Contact your processor to complete a manual reversal if a transaction was taking place when the loss of power occurred.

SECTION 8 - ERROR RECOVERY

**TABLE 8-1
ERROR RECOVERY PROCEDURES**

Error/Status Code	Meaning	Recommended Actions
62	Loss of power during payment.	Follow the Recommended Actions for Error Code 37. Contact your processor to complete a manual reversal if a transaction was taking place when the loss of power occurred.
63	RAM error.	Follow the Recommended Actions for Error Code 37.
64	Damaged USART.	Follow the Recommended Actions for Error Code 37.
65	Cassette shuffled.	Turn off the dispenser and open the security container. Verify all cassettes are in place and correctly installed. If necessary, remove and install each cassette in its correct location. Close the security container and turn on the dispenser. When the RESET ERROR/MANAGEMENT menu is displayed, enter the Management Mode and use the CASSETTE SERVICE option to place all cassettes IN SERVICE. Return to the RESET ERROR/MANAGEMENT menu. Press the RESET ERROR key. If the error clears, complete a test dispense. If satisfactory, place the Cash Dispenser back in service. If the error occurs again, contact your service provider.

SECTION 8 - ERROR RECOVERY

TABLE 8-1
ERROR RECOVERY PROCEDURES

Error/Status Code	Meaning	Recommended Actions
66	RAM access locked.	Follow the Recommended Actions for Error Code 37.
67	Diverter 1 not energized at start of dispense.	Follow the Recommended Actions for Error Code 37.
68	Diverter 1 in wrong position at start.	Follow the Recommended Actions for Error Code 37.
69	Diverter 2 did not go to reject position.	Follow the Recommended Actions for Error Code 37.
70	Diverter 2 did not go to payment position.	Follow the Recommended Actions for Error Code 37.
71	Diverter 2 did not energize.	Follow the Recommended Actions for Error Code 37.
73	Diverter 2 in wrong position at start of dispense.	Follow the Recommended Actions for Error Code 37.
78	Reject Box filled.	Turn off the AC power to the Cash Dispenser. Open the security container door. Remove and empty all currency from the Reject Box. Install the Reject Box. Close the security container and restore AC power to the Cash Dispenser. When the RESET ERROR/MANAGEMENT menu is displayed, press the RESET ERROR key. If the error clears, complete a test dispense. If satisfactory, place the Cash Dispenser back in service. If the error occurs again, contact your service provider.

SECTION 8 - ERROR RECOVERY

**TABLE 8-1
ERROR RECOVERY PROCEDURES**

Error/Status Code	Meaning	Recommended Actions
79	Reject Box absent.	Turn off the AC power to the Cash Dispenser. Open the security container door and verify the Reject Box is present and correctly installed. Close the security container and restore AC power to the Cash Dispenser. When the RESET ERROR/MANAGEMENT menu is displayed, press the RESET ERROR key. If the error clears, complete a test dispense. If satisfactory, place the Cash Dispenser back in service. If the error occurs again, contact your service provider.
80	No cassette in feed channel for test dispense.	Follow the Recommended Actions for Error Code 35.
81	Dispense time-out. (Approximately 2 minutes).	Follow the Recommended Actions for Error Code 37.
82	Purge did not occur before first dispense.	Follow the Recommended Actions for Error Code 37.
83	LVDT Double Detect out of tolerance.	Follow the Recommended Actions for Error Code 37.
84	Purge error following dispense error.	Follow the Recommended Actions for Error Code 37.
90	Reject Box absent or not detected.	Follow the Recommended Actions for Error Code 37.
91	Bad sensor.	Follow the Recommended Actions for Error Code 37.
92	Error in last dispense.	Follow the Recommended Actions for Error Code 37.

SECTION 8 - ERROR RECOVERY

**TABLE 8-1
ERROR RECOVERY PROCEDURES**

Error/Status Code	Meaning	Recommended Actions
93	Error in double detect.	Follow the Recommended Actions for Error Code 37.
94	Cash dispenser purge failed upon power-up.	Follow the Recommended Actions for Error Code 37.
95	Multiple cassettes of the same type installed.	Turn off the dispenser and open the security container. Verify that no more than one of each type (A, B, C, or D) cassette is installed. If a duplicate cassette is installed, replace it with the correct non-duplicate cassette. Close the security container and turn on the dispenser. When the RESET ERROR/MANAGEMENT menu is displayed, enter the Management Mode and use the CASSETTE SERVICE option to place all cassettes IN SERVICE. Return to the RESET ERROR/MANAGEMENT menu. Press the RESET ERROR key. If the error clears, complete a test dispense. If satisfactory, place the Cash Dispenser back in service. If the error occurs again, contact your service provider.
128	Error in reply from the dispenser mechanism.	Follow the Recommended Actions for Error Code 37.
129	No response from the dispenser mechanism.	Follow the Recommended Actions for Error Code 37.
130	Command not acknowledged by the dispenser mechanism.	Follow the Recommended Actions for Error Code 37.

SECTION 8 - ERROR RECOVERY

TABLE 8-1
ERROR RECOVERY PROCEDURES

Error/Status Code	Meaning	Recommended Actions
131	CTS (Clear To Send) line from the dispenser mechanism is not active.	Follow the Recommended Actions for Error Code 37.
132	Status reports bad double detect in last dispense.	Follow the Recommended Actions for Error Code 37.
133	5 volts not present from dispenser mechanism.	Follow the Recommended Actions for Error Code 37.
134	Exit blocked as reported by status check.	Follow the Recommended Actions for Error Code 37.
135	Feed sensor blocked as reported by status check.	Follow the Recommended Actions for Error Code 37.
136	Modem initialization failed.	Follow the Recommended Actions for Error Code 37.
138	Print failure while printing to the receipt printer.	Open the top enclosure of the Cash Dispenser. Carefully clear the paper path with a business card or some similar object. With the aid of the paper feed switch feed cleanly cut paper through the printer and cutter mechanisms. Press the RESET switch. When the RESET ERROR/MANAGEMENT menu is displayed on the LCD, press the RESET ERROR key. If the error appears again, close and lock the security container. Call your service provider.
139	Print controller not responding to commands.	Follow the Recommended Actions for Error Code 37.
140	Timeout waiting for printer to be ready.	Follow the Recommended Actions for Error Code 37.

SECTION 8 - ERROR RECOVERY

**TABLE 8-1
ERROR RECOVERY PROCEDURES**

Error/Status Code	Meaning	Recommended Actions
141	Paper jam reported by controller during a status check.	Open the top enclosure of the Cash Dispenser. Carefully clear the paper path with a business card or some similar object. With the aid of the paper feed switch feed cleanly cut paper through the printer and cutter mechanisms. Press the RESET switch. When the RESET ERROR/MANAGEMENT menu is displayed on the LCD, press the RESET ERROR key. If the error appears again, close and lock the security container. Call your service provider.
142	Dispensing mechanism returns bad command error.	Follow the Recommended Actions for Error Code 37.
143	PTDF error.	Follow the Recommended Actions for Error Code 37.
144	No reply from the security module or electronic journal.	Follow the Recommended Actions for Error Code 37.
145	Error in reply from security module or electronic journal.	Follow the Recommended Actions for Error Code 37.
146	No reply from command to electronic journal.	Follow the Recommended Actions for Error Code 37.
147	Error in reply from electronic journal.	Follow the Recommended Actions for Error Code 37.
148	Write to electronic journal failed.	Follow the Recommended Actions for Error Code 37.
149	Read from electronic journal failed.	Follow the Recommended Actions for Error Code 37.

SECTION 8 - ERROR RECOVERY

**TABLE 8-1
ERROR RECOVERY PROCEDURES**

Error/Status Code	Meaning	Recommended Actions
150	Status command to electronic journal failed.	See Recommended Actions for Error Code 37.
151	Electronic journal full.	RESET the Cash Dispenser. When the RESET ERROR/MANAGEMENT menu is displayed on the LCD, press the MANAGEMENT key. Enter your password. When the MANAGEMENT FUNCTIONS menu is displayed press the JOURNAL key. When the SELECT JOURNAL FUNCTIONS menu is displayed press the PRINT JOURNAL key. After the PRINT JOURNAL function is finished, press the EXIT key until the RESET ERROR/MANAGEMENT menu is displayed. Press the RESET ERROR key. If the error clears, put the Cash Dispenser back in service. If the error appears again, close and lock the security container. Call your service provider.
152	Electronic journal corrupt.	See Recommended Actions for Error Code 37.
153	Electronic journal mode.	See Recommended Actions for Error Code 37.
154	Unknown electronic journal status.	See Recommended Actions for Error Code 37.
155	Electronic journal modify record failure.	See Recommended Actions for Error Code 37.

SECTION 8 - ERROR RECOVERY

**TABLE 8-1
ERROR RECOVERY PROCEDURES**

Error/Status Code	Meaning	Recommended Actions
156	No cassette in service.	See Recommended Actions for Error Code 37.
157	Erase command to electronic journal failed.	See Recommended Actions for Error Code 37.
158	Format command to electronic journal failed.	See Recommended Actions for Error Code 37.
159	Electronic Journal test feature failed.	See Recommended Actions for Error Code 37.
160	Electronic Journal set feature failed.	See Recommended Actions for Error Code 37.
161	Electronic Journal clear feature failed.	See Recommended Actions for Error Code 37.
162	Electronic journal get serial number failed.	See Recommended Actions for Error Code 37.
163	Terminal did not answer.	Contact your service provider.
164	Terminal did not return call.	Contact your service provider.
165	Electronic Journal not present.	Contact your service provider.
166	Bad dispense.	See Recommended Actions for Error Code 37.
183	Receipt printer paper low.	Add paper as needed. If this does not correct the problem, you may wish to temporarily disable detection of this condition by setting the LOW RECEIPT PAPER parameter to IN SERVICE (see Section 5) to allow operation until the problem can be corrected by your service provider.

SECTION 8 - ERROR RECOVERY

**TABLE 8-1
ERROR RECOVERY PROCEDURES**

Error/Status Code	Meaning	Recommended Actions
185	Phone number not configured.	Refer to Section 3, Operation and Setup, and Section 5, Management Functions, for procedures for checking and setting this parameter.
186	Bill size not configured correctly.	Refer to Section 3, Operation and Setup, and Section 5, Management Functions, for procedures for checking and setting this parameter.
187	Maximum withdrawal not configured.	Refer to Section 3, Operation and Setup, and Section 5, Management Functions, for procedures for checking and setting this parameter.
188	Communications key not configured.	Refer to Section 3, Operation and Setup, and Section 5, Management Functions, for procedures for checking and setting this parameter.
189	Terminal ID not configured.	Refer to Section 3, Operation and Setup, and Section 5, Management Functions, for procedures for checking and setting this parameter.
190	Master Key not configured.	Refer to Section 3, Operation and Setup, and Section 5, Management Functions, for procedures for checking and setting this parameter.
192	Communication error.	See Recommended Actions for Error Code 37.

SECTION 8 - ERROR RECOVERY

MISCELLANEOUS ERROR CODES

The following tables lists miscellaneous error codes not included in the Terminal and Dispenser error code listings. It is recommended that troubleshooting of these error conditions be coordinated through your service provider. NOTE: The following errors will be recorded in the Electronic Journal.

MISCELLANEOUS ERROR CODES		
Error/Status Code	Meaning	Recommended Actions
1	Timeout	Contact your service provider for assistance.
3	BGD_NOANSWER	Contact your service provider for assistance.
4	Error in modem data	Contact your service provider for assistance.
6	BGD_NODIALTONE	Contact your service provider for assistance.
7	BGD_BUSY	Contact your service provider for assistance.
10	BGD_LOGON	Contact your service provider for assistance.
11	No connect	Contact your service provider for assistance.
13	BGD_DONE_GOOD	Contact your service provider for assistance.
14	EOT received	Contact your service provider for assistance.
15	Timed out waiting for EOT	Contact your service provider for assistance.
16	Communication problems	Contact your service provider for assistance.
65	Processor not communicating with modem correctly.	Contact your service provider for assistance.

APPENDIX A
MECHANICAL COMBINATION LOCK
INSTRUCTIONS

APPENDIX A - MECHANICAL COMBINATION LOCK INSTRUCTIONS

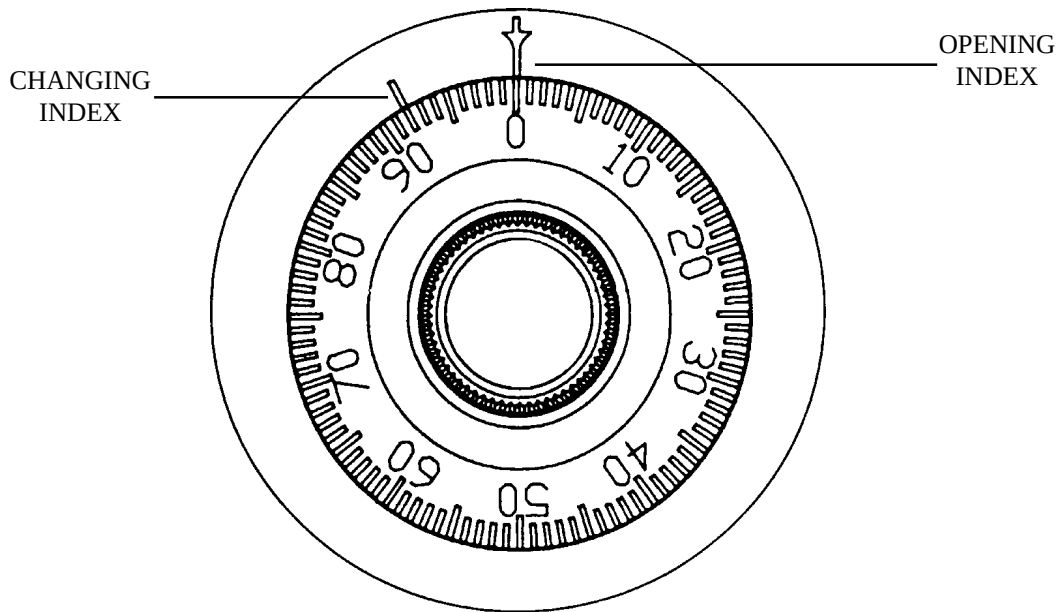
ABOUT THE DIAL

There are two marks on the dial ring (see drawing). The index at the top is used for opening the lock, The index 30 degrees to the left is used only when changing the combination.

The dial should always be turned slowly and evenly. A revolution is counted each time the selected number is aligned with the opening index. **DO NOT TURN THE DIAL BACK TO COMPENSATE FOR OVER DIALING A NUMBER.** If, when dialing the combination, any number is turned beyond the index, the entire sequence must be repeated.

Locks are shipped on a factory setting of '50'. To unlock, turn the dial to the left (counterclockwise) **FOUR** turns stopping on '50'.

Then, turn the dial to the right until the bolt is retracted.



UNLOCKING 3-NUMBER COMBINATIONS (FOR EXAMPLE, "50-25-50")

1. Turn the dial to the **LEFT**, stopping when '50' is aligned with the opening index, the **FOURTH** time.
2. Turn the dial to the **RIGHT**, stopping when '25' is aligned with the opening index, the **THIRD** time.
3. Turn the dial to the **LEFT**, stopping when '50' is aligned with the opening index, the **SECOND** time.
4. Turn the dial slowly to the **RIGHT** until the bolt retracts.

To Lock

Turn the dial to the **LEFT** at least four full revolutions.

APPENDIX A - MECHANICAL COMBINATION LOCK INSTRUCTIONS

CHANGING THE COMBINATION

Select three new numbers. **DO NOT** use any number between 1 and 20 for the last number.

For maximum security, do not use numbers that end in 0 or 5, and do not use numbers in sequence: e.g., '27-48-86' is not as good as '27-86-48". Perform the following steps:

1. Dial the existing combination on the opening index (see steps 1-2-3 above, or the directions for opening when on the factory setting). Open door of container.
2. Dial the existing combination again, using the changing index.
3. With the last number set at the changing index, hold the dial securely and insert the change key in the keyhole in the back of the lock. Make sure the wing is entirely inside the lock and comes to a positive stop (see Figure 1) before turning the key.

*****WARNING*****

NEVER INSERT THE CHANGE KEY IN THE LOCK WHEN THE COVER IS REMOVED. BEFORE TURNING THE CHANGE KEY, MAKE SURE THE WING OF THE KEY IS FULLY INSERTED INTO THE LOCK.

4. Turn key one-quarter turn to the **LEFT** (see Figure 1). With the change key in this position, set the new combination as follows: turn the dial to the **LEFT**, stopping when the first number of the new combination aligns with the changing index the **FOURTH** time.

FIGURE 1

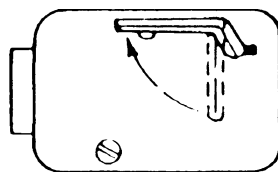
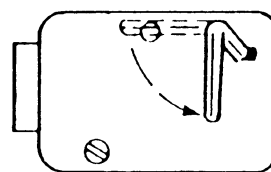


FIGURE 2



5. Turn dial to the **RIGHT**, stopping when the second number is aligned with the changing index, the **THIRD** time.
6. Turn the dial to the **LEFT**, stopping when the third number is aligned with the changing index, the **SECOND** time. Holding the dial in this position, turn the change key back to the **RIGHT** and remove it. (See Figure 2.) The new combination you have chosen is now set in the lock,

*****CAUTION*****

**BEFORE CLOSING THE UNIT
TRY THE NEW COMBINATION SEVERAL TIMES
USING THE OPENING INDEX.**

APPENDIX B
ELECTRONIC COMBINATION LOCK
INSTRUCTIONS

APPENDIX B - ELECTRONIC COMBINATION LOCK INSTRUCTIONS

ENTERING THE COMBINATION

The electronic lock combination consists of six digits. Upon arrival, the combination of the lock should already be set at 1-2-3-4-5-6. After installation on the safe has been completed, enter the preset combination and check for proper operation. After each keypress, the lock will beep. After the final digit has been entered, the lock will beep twice, and the open period will begin. When a valid combination has been entered, the operator will have approximately 3 seconds to open the lock. To open the lock, turn the dial clockwise. After the lock is opened, the door latch may be turned and the safe opened.

CHANGING THE COMBINATION

To change the combination of the lock, simply follow these directions.

- Enter six zeros.
- Enter the current combination. (Initially set at 1-2-3-4-5-6)
- Enter the new combination twice.
- The combination is now changed. Enter the new combination to open the lock.

LOCKOUT FEATURE

The electronic lock includes a WRONG TRY PENALTY lockout feature that prevents entry from unauthorized personnel. This feature performs as follows and CANNOT be disabled:

- Entry of four consecutive invalid combinations will disable the lock for 5 minutes. During this period, the panel LED will flash every 10 seconds. During this time the lock will remain closed and no other combination entries will be allowed.
- At the end of the lockout period, if two more consecutive invalid combinations are entered, the 5-minute lockout period will restart.

BATTERY REPLACEMENT

Repeated beeping while the lock is open indicates that the 9 volt battery, located in the battery box on the inside of the door, needs to be replaced. To remove the battery box cover, pull gently on the front of the box and slide the cover off. If the lock will not operate while the door is closed and locked, (i.e. no signal from the panel when a button is pressed), the battery is dead and the lock will need to be energized from the two round jumper terminals located on the front, right side of the push-button panel. To energize the lock, connect a 9-volt battery across the external terminals with the negative terminal of the battery facing up. While holding the battery against the terminals, enter the six-digit combination and open the lock and door. Replace the battery inside the battery box.

APPENDIX C
WARRANTY AND REPAIR
POLICIES/PROCEDURES

APPENDIX C - WARRANTY AND REPAIR POLICIES/PROCEDURES

Notices

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APPENDIX C - WARRANTY AND REPAIR POLICIES/PROCEDURES

TRITON SYSTEMS, Inc.

Warranty Statement

Parts Only Limited Manufacturer's Warranty

Triton Systems, Inc. warrants the components of each Model 9600 Series Cash Dispenser, MAKO[™] Cash Dispenser and SuperScrip[™] Scrip Terminal, excluding software and related documentation, against any defect in materials and/or workmanship for a period of 13 months from the shipping date. The additional 30 days are intended to allow for the elapsed time between the shipment of the unit and its installation. If a component fails due to defects in materials and/or workmanship within the warranty period, Triton will furnish a new or refurbished component, at its discretion. Triton shall not be responsible for labor or other costs associated with installing the component; and the failed component shall be returned to Triton at the purchaser's expense. Triton shall not be responsible for misuse or abuse of a unit; and any attempts to remove or deface the serial number or date code on a unit or any component thereof, or any attempt to repair a unit or to repair or replace any component by anyone other than a service technician authorized by Triton shall void this warranty.

Limited Warranty covers normal use. Triton Systems does not warrant or cover damage:

- occurring during shipment of the equipment or components from or to Triton's facilities;
- caused by accident, impact with other objects, dropping, falls, spilled liquids, or immersion in liquids;
- caused by a disaster such as fire, flood, wind, earthquake, lightning, or other acts of God;
- caused by failure to provide a suitable installation environment for the equipment, including but not limited to, faulty wiring in the building in which the equipment is installed, installation in a facility with uncontrolled environmental conditions, failure to provide a dedicated electrical circuit on which the equipment operates, and/or lack of proper earth grounding for the equipment;
- caused by the use of the equipment for purposes other than those for which it was designed;
- resulting from improper maintenance;
- caused by any other abuse, misuse, mishandling, or misapplication.

Under no circumstances shall Triton Systems or its suppliers be liable for any special, incidental, or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability, or any other legal theory. Such damages include, but are not limited to, loss of profits, loss of revenue, loss of data, loss of use of the equipment or any associated equipment, cost of capital, cost of substitute or replacement equipment, facilities or services, down time, purchaser's time, the claims of third parties, including customers, and injury to property.

Disclaimer of Warranties

The warranty stated above is the only warranty applicable to this product. All other warranties, expressed or implied (including all implied warranties of merchantability or fitness for a particular purpose or quality of service), are hereby disclaimed. No oral or written information, or advice given by Triton Systems, its agents or employees shall create a warranty or in any way increase the scope of this warranty.

APPENDIX C - WARRANTY AND REPAIR POLICIES/PROCEDURES

Other Claims

Shipping Damage

All equipment is shipped FOB, Triton's facilities. The organization or individual who has purchased the equipment assumes responsibility for the equipment once it leaves Triton's facilities.

Should your equipment be damaged in the process of shipment or delivery to your place of destination, we recommend the following course of action:

- If possible, call the shipping company before the driver leaves your delivery site. Make note of the damage on the "receipt of delivery" paperwork. If this is not possible, call them as soon as possible to report the damage.
- Take photographs of the damaged packaging prior to opening the boxes. If this is not possible, make note of key points, such as whether the equipment is on a pallet, if the banding is intact, how the boxes are damaged, etc. Keep all of the packaging for inspection by the shipping company.
- If you unpack the equipment, take photographs of the damaged equipment. If this is not possible, make note of the damages.
- You must file a claim with the shipper for shipping damages immediately after reporting the damages.

Should you specify the carrier, we recommend that you explore with this chosen carrier the policies and procedures regarding shipping damage claims prior to selecting them as your preferred carrier.

If the equipment receives structural damage and is in an un-installable condition, Triton will work with you to arrange for a replacement unit to be shipped as soon as possible. The purchaser will be billed for the replacement unit. Triton's Repair Technicians will repair the damaged unit after it is returned to our facilities. We will credit the purchaser's account for the full purchase price of the damaged unit, minus the cost of returning the unit to "like new" condition. Under no circumstances does Triton authorize anyone to complete structural damage repairs in the field. Therefore, we will not ship primary structural parts, such as a cabinet head or main cabinet body for repair in the field.

Authorized Installation and Service Providers

Triton Systems utilizes several nation-wide and regional authorized third party maintenance providers. All miniATM[™] Cash Dispensers must be installed and serviced by service technicians certified by Triton. This includes authorized third party service technicians and technicians who have been factory trained by Triton to service *miniATM[™]* equipment. Installation or repairs attempted by unauthorized service technicians automatically voids the warranty on the product.

Please contact Triton Systems' Technical Services Department at (800) 259-6672 for a list of our third party service providers and/or to obtain information on the requirements and procedures for becoming a certified Triton service technician.

APPENDIX C - WARRANTY AND REPAIR POLICIES/PROCEDURES

Triton's Technical Services Department

The primary purpose of the Technical Services Department is to provide assistance to customers in the operation, trouble shooting, and repair of equipment manufactured by Triton. A toll-free phone number (1-800-259-6672) is provided for convenience. The Technical Services Department operates to serve our customers. The staff is trained to follow our policies and procedures to ensure fair and uniform treatment of all our customers.

Automated Voice Mail System. Our goal is to have a 'live' person answer 100% of all incoming calls (during regular support hours). On occasion, however, call loads may exceed the capacity of the staff. When this occurs, an automated voice mail system will answer the call, indicate to the caller that all Technical Support Specialists are busy assisting others, and ask the caller to leave detailed information about the nature of the call.

Should it become necessary to leave a voice mail message, the caller should state:

- their name
- the organization for which they work
- the serial number of the equipment they are calling about
- detailed description of the problem that they are experiencing
- phone number where they can be reached, including area code.

As Technical Support Specialists become available, they check for voice mail messages and return calls in the order in which they were received. By providing the information requested in the voice mail, the technician can be prepared when your call is returned. Triton asks you to be patient if you must leave voice mail, and assures you that your call is important to us and that we will respond promptly.

Calls for Service or Repair. Calls for service or repair will be accepted from authorized service technicians only. End users must contact either the sales organization that placed the equipment or an authorized third party service organization to obtain service. The sections that follow describe the policies and procedures that relate to the repair and replacement of malfunctioning equipment.

Questions on Operation of Equipment. Technical support is available to owners of Triton equipment and to qualified service personnel. When calling for help with the configuration or operation of a Triton product, the caller must provide either positive identification as a service technician or the serial number of a Triton terminal. Technical support is provided during normal business hours for the life of the product.

When calling for help with an operational Problem, please have available information pertaining to the nature of the trouble. This includes the type of equipment, examples of what is or is not happening, and the name of the processor that supports your terminal.

All questions pertaining to the settlement of accounts, transaction inquiries, and fund status must be directed to the processor. Triton does not have access to the information needed to answer questions relating to specific transactions.

APPENDIX C - WARRANTY AND REPAIR POLICIES/PROCEDURES

CONTACT INFORMATION

TRITON SYSTEMS, INC.
21405 B STREET
LONG BEACH, MS 39560

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(228) 868-1317
(228) 868-0437 FAX

Service:

(800) 259-6672

(228) 868-0859 FAX

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