DOCUMENT UPDATES

February 19, 2013  Original
February 21, 2013  Added camera cutout site info
March 7, 2013  Added specification table
March 28, 2013  Changed card reader cleaning part from 06200-00055 to 05010-00024.
May 15, 2015  Added Appendix G T9 EPP Keypad
July 7, 2015  Rev. B. Updated to add ARGO 15. Incorporated T9 Keypad into section 4 and deleted Appendix G.  ECO  1030338
The Triton ARGO ATM is a lobby terminal designed for indoor use only. The ARGO line includes models RL1713, RL27XY, RL63XY, and RL74XY. The following sections provide the steps used to understand and operate all functions supported by the ARGO ATM. The ARGO’s larger screens and touch technology simplifies the user experience and operation.

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This guide covers the procedure of operating all functions of a Triton ARGO ATM with security and ease of operation in mind. All units come with pre-loaded software; later updates will be made available online.

Scope

This manual applies to all service personnel involved in the process of maintaining, converting, or upgrading hardware and software on Triton ATMs nationwide and abroad.

Application

This user guide provides information, methods and easy to follow instructions for the operational settings of the Triton ARGO ATM. It contains information on set-up functions, maintenance, diagnostics, communication systems and security settings.
SECTION 1: INTRODUCTION

ARGO 7
ARGO 12
ARGO 15
Once unit is unpacked, set up, and power restored, you will be asked to set up passwords and security basics. The user manual describes the operating features and shows how to perform procedures typically performed by the owner/operator personnel. Below are the basic features of the ARGO. Varying options are also available.

**Feature Highlights**

- **Integrated Lighted Topper (Optional High Topper Available)**
- **Camera Ready Cutout**
- **12.1-inch Screen (Also available in 7” and 15” Full Touch Screen)**
- **Touch Screen Function Keys**
- **LED Keyboard Illumination**
- **ADA Approved Headphone Port**
- **Receipt Printer**
- **Card Reader**
- **Alphanumeric Keypad**

**ARGO 12 (RL63XY)**
Important features of the ARGO series ATM are highlighted in the following list:

► Highly reliable, state-of-the-art operating system PC platform design. The ARGO uses Microsoft® Windows® CE 5.0, CE 6.0, or CE 7.0 operating system with Triton’s X2 or X3 technology. Supports Windows file formats for adding custom logos and advertisements. In addition, it features Triton’s completely custom design X2 and X3 mainboards.

► Modular architecture eases troubleshooting and servicing.

► Front-access unit accommodates single cassette (MiniMech, SDD or SCDU) and dual cassette (NMD50 or HCDU). The ARGO with MiniMech features a shallow cabinet design while the other models feature a deep cabinet design.

► 7” full touch widescreen displays, 12.1” color LCD screen display with touch screen function keys, and 15” full touch color LCD screen display. 7” model introduces E-receipt technology.

► T9 PCI V3-compliant EPP to comply with international encryption standards and Triple DES compliant.

► Easy to install (small footprint design makes placement easier) and configure terminal parameters by software.

► Supports communication types TCP/IP (standard), dial-up (56K baud Triton USB modem) and optional wireless (TDL Gateway).

(Note: For wireless option, please contact your account representative for more information).

► Multi-function, dip-style card reader supports magnetic stripe cards or “smart” cards that conform to the EMV standard.

► Some models allow users to enter e-mail address or phone number on the on-screen keypad to have a receipt e-mailed or texted to them. Other models are equipped with graphics-capable 60 or 80 mm thermal printer that cuts and prints receipts, coupons, and management reports.

► Mechanical (standard) or electronic combination lock (optional).

► Supports remote setup, configuration, and monitoring via Triton Connect™ ATM monitoring software.

► LED-backlit signage standard. Available with optional high-topper for deep cabinet models.
Home Favorites - Allows one button short cuts to those areas of Management Functions most often visited. Can be used for individuals to allow quick access to their areas of responsibility, such as Cassette Close and Day Close for Cash Replenishers. Press “0” to access the traditional Main Menu.

Main Menu - Gateway to configuration, password maintenance, and more.

A variety of screen options from the main menu will be detailed in later sections of this manual. Shown above are the Home Favorites and Main Menu screen giving access to management, terminal, diagnostic, key management and other functions available on ARGO models.
MANAGEMENT FUNCTIONS. Enable extensive control and customization of operating parameters. See X-Scale/X2 Configuration Manual on website.

PASSWORD PROTECTION. Management Functions and Key Management areas are protected with passwords.

MAC ENCRYPTION SUPPORT. Message Authentication Code (MAC) data encryption protocol. Provides increased protection for message traffic to and from the ATM. Triple DES compliant.

SSL Support. TCP/IP with Secure Socket Layer adds another level of ATM to Host communications security.

PCI COMPLIANT ENCRYPTING PIN PAD (EPP) ENTRY DEVICE SUPPORT. Secure EPP device encrypts the customer PIN during a transaction. Triple DES and PCI compliant.

MULTI-LANGUAGE SUPPORT. Enables the customer to select a preferred language (such as French or Spanish) for customer screens and receipts.

TRANSACTION AND ACCOUNT TYPE CONFIGURATION. Enables selection of transactions (transfers or balance inquiries) or accounts (savings or credit card) that will be presented to the customer. Does not affect availability of checking account withdrawal.

STATUS MONITORING. The ATM can periodically transfer status information to the host processor. In addition, Triton Connect™ remote monitoring software can be used to view the journal, monitor operation and alarm conditions, update operating parameters, and reset the terminal.

BUSINESS HOURS OR VAULT. Cabinets available in UL 291 Business Hours Service or UL 291 Level 1 Safe models.
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>ITEM</th>
<th>7” DISPLAY</th>
<th>12.1” DISPLAY</th>
<th>15” DISPLAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System</td>
<td>Windows CE 5.0 OR 6.0</td>
<td>Windows CE 5.0 OR 6.0</td>
<td>Windows CE 7.0</td>
</tr>
<tr>
<td>RAM</td>
<td>64 MB</td>
<td>128 MB</td>
<td>512 MB</td>
</tr>
<tr>
<td>Flash Drive</td>
<td>128 MB</td>
<td>128 MB</td>
<td>128 MB</td>
</tr>
<tr>
<td>TCP/IP</td>
<td>10 BASE-T/100 BASE-TX with SSL</td>
<td>10 BASE-T/100 BASE-TX with SSL</td>
<td>10 BASE-T/100 BASE-TX with SSL</td>
</tr>
</tbody>
</table>
| Power Requirements    | • Max current: 3.3A @ 115 VRMS at 60 Hz  
• Voltage: 100-240 VRMS @ 50/60 Hz  
• Idle Power Consumption: 0.6A @ 115 VAC at 60 Hz  
• Max Load Power Consumption: 396 Watts @ 120VAC  | • Max current: 3.3A @ 115 VRMS at 60 Hz  
• Voltage: 100-240 VRMS @ 50/60 Hz  
• Idle Power Consumption: 0.6A @ 115 VAC at 60 Hz  
• Max Load Power Consumption: 396 Watts @ 120VAC  | • Max current: 3.3A @ 115 VRMS at 60 Hz  
• Voltage: 100-240 VRMS @ 50/60 Hz  
• Idle Power Consumption: 0.6A @ 115 VAC at 60 Hz  
• Max Load Power Consumption: 396 Watts @ 120VAC  |
| Temperature Range     | • 10°C to 40°C  
• 50°F to 104°F | • 10°C to 40°C  
• 50°F to 104°F | • 10°C to 40°C  
• 50°F to 104°F |
| Relative Humidity     | 20% -80%                             | 20% -80%                             | 20% -80%                           |
| LCD Resolution        | 800 x 480; Capacitive Touch          | 800 x 600                            | 1024 x 768; Capacitive Touch       |
| LCD Backlight         | LED                                  | LED                                  | LED                               |
| Modem                 | 56,000 bps                           | 56,000 bps                           | 56,000 bps                         |
| EMC Standard          | EN55024                              | EN55024                              | EN55024                            |

See the *ARGO Installation Manual* for further specifications and important safety issues for installing units.
SECTION 2: BASIC OPERATION
INTRODUCTION

This section describes the basic operation of the terminal. The following topics are covered:

1. **CONTROL PANEL LAYOUT.** Describes the layout of the terminal’s control panel.
2. **Keypad Operation.** Describes the use of the alphanumeric keypads.
3. **Menu-Based Operation.** Gives a general overview of the terminal display interface.
4. **Customer Transactions.** Summarizes the actions involved in typical customer transactions. In addition, the voice-enabled transactions feature is described.

CONTROL PANEL LAYOUT

The user interface of the terminal consists of the LCD screen, receipt chute, card reader, speaker and headphone jack (visually impaired). The function keys are arranged in two four-key groups, one group on either side of the LCD display. The function keys on the 7” and 15” touch screen displays are on the screen. 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 screen.

The main keypad and control keys have an integral raised Braille symbol to conform to the requirements of the Americans with Disabilities Act.

The 12.1” screen has touch-reactive Function keys on the sides and most closely resembles previous ATM functionality. The Function keys will respond even when the user wears gloves.

The 7” and 15” screens are full touch-reactive and have no external function keys. The 7” and 15” screens are capacitive sensing. The introduction of E-receipt technology is available on these models.

7 inch totally touch-reactive screen  
12.1 inch with touch-reactive function keys  
15 inch totally touch-reactive screen
FUNCTION KEYS

The eight (8) keys, arranged in two four-key groups on left and right of screen, are called screen function keys. A screen function key is only active when a corresponding function or menu option is present next to that key. The function keys are designated F1 through F8, as shown below.

Function key layout on 12.1” screen.

MAIN KEYPAD

The entry of numeric characters via the encrypted main keypad, (below), is straightforward: simply press the desired key. However, in certain Management Function screens it may be necessary to enter alphabetic characters, a procedure that’s available with the on-screen keypad, explained on next page.

 illumination
On ARGO 12 models that do not have touch screen entry option, use the keys described below to navigate and enter required data.

- The Arrow keys (< and >), the <8> key - (Up), and the <0> key - (Down) navigate the keyboard.
- Press the <ENTER> key to select the highlighted key entry.
- Press the <CTRL> key to switch between upper and lower case characters.
- Press the <CANCEL> key to Exit the keyboard.
- Press the <CLEAR> key for the Backspace operation.
- Press the <1> key to reposition the keyboard to another location on the display.
- Press the <2> key to position the cursor on a new line.

The virtual keypad will be displayed at any time a text entry is required. (Also available by pressing the F-8 function key.) This is used for certain management functions, as well as entering e-mail addresses where receipts can be sent paperless. (Some models will be equipped with thermal printers for the option to print receipts.)
The terminal 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 keys located to the left and right of the display. For the purpose of security, many screens time-out after a preset time interval, usually 30 seconds. The time-out length may vary depending on the function being performed.

When a screen time-out occurs, a screen is presented that 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 time-out. If the user does not make a selection within an additional 30-second countdown period, the terminal will automatically go to the Customer Welcome screen.

Ensure all procedures in the ARGO Installation Manual have been accomplished. The unit should be off, with the power cord and communications cable connected. Power on the unit by pressing the power switch on the power supply to the ON position. After the unit is turned on, the top menu will be displayed. An example top menu is shown below.

From the top menu, you can either:

1. Enter the terminal system management area by pressing the key next to MANAGEMENT FUNCTIONS.

   Note: You will have to enter an appropriate password to view the Management Functions menu.

   Management Functions may also be entered by pressing and holding the CTRL key and then depressing the number 1 key and releasing both.

2. Activate the terminal to perform customer transactions by pressing the key next to CUSTOMER TRANSACTIONS.

   Note: On fully touch screen models, just press the displayed buttons to select your preferred option.
Choosing Management will take you to the password screen. An Error Code of 246 WILL be displayed upon the first start up. You MUST change the master password before any other configuration operations will be allowed.

The master password is actually made up of two parts, the ID and the password. The master ID is 00 and cannot be changed. What must be changed is the default master password for ID 00 of 1234.

► Management Functions can be entered from the Top Menu screen upon startup (representative screen on the previous page), or by pressing the CTRL Key (lower right corner) and the number 1 at the same time.

► It will ask you to enter the ID and Password. Press 001234. It will take you to the new Favorites Menu. Press 0.

► It will then take you to the Main Menu.

► Select 4 Password Maintenance, then 1 Change User Password.

► Enter the new password ONLY. You are user 00 and already logged in, so putting 00 here is not necessary. The new password can be 4-12 digits. Do not use birthdays, telephone numbers, social security numbers or the like. Make it something you can remember, and not so difficult as to be forgotten. Guard it closely. If the password is lost or forgotten, a service charge will apply to reset the password.

► If you will have additional people that will be accomplishing closes and replenishing cassettes, you may add them and provide passwords here. New users can be ID 01 - 99.

There are additional error messages that will appear, and must be cleared before the ATM will go into service. Refer to Section 5 of this document for the minimum setup requirements and document 07100-00016 XScale/X2 Configuration Manual for additional terminal setup procedures.

Take this opportunity to change the lock combination. Refer to section 5 for your lock.
A customer begins a transaction by selecting from the Customer screen options. They insert their ATM card into the card reader of the terminal. The card must be inserted so that the magnetic stripe can be scanned by the card reader’s sensor. If the customer inserts the card incorrectly, a warning message will be displayed, accompanied by several beeps to get their attention.

If there is a problem reading a card, make sure the customer is inserting the card correctly. Most problems are the result of inserting the card incorrectly.

Once the card has been read successfully, a surcharge message, if applicable, may be displayed (the surcharge message may be displayed at the end of the customer’s transaction selection). The customer must then enter their secret Personal Identification Number (PIN) code. Once the PIN has been entered, the transaction type and account are selected, and the desired amount of the transaction, if needed. The transaction will be processed, typically in a matter of seconds.

The figure following shows how ATM transactions are handled. If the transaction was processed successfully, the customer is prompted to retrieve the requested cash (for withdrawal transactions) and/or the applicable transaction receipt, as needed. If the transaction was declined, a short receipt indicating the problem is printed.
The ATM sends the customer transaction request to a processor. A processor is a financial intermediary, such as an Independent Sales Organization (ISO), bank, or other financial institution that provides transaction-processing services for ATMs. The ATM must be set up with a particular processor before customer transactions can take place.

The processor routes the transaction to the appropriate ATM network. An ATM network is a regionally or nationally organized clearing house for financial transactions, that deals directly with the appropriate financial institution, such as the customer’s bank or credit card company, in order to complete the transaction. The processor will select the appropriate ATM network to use based on factors such as the type of ATM or credit card used, location of the customer’s bank, or other considerations. The transaction may be transferred between several networks before ultimately reaching the customer’s bank or credit card company.

The ATM network routes the transaction to the appropriate bank or other institution, confirms successful completion of the transaction, and sends a confirmation message back to the processor. If the request was for a cash withdrawal, an Electronic Funds Transfer (EFT) takes place to debit the funds (including any surcharge fee, if applicable) from the customer’s bank account and credit the funds to the processor’s bank account.

The processor forwards a confirmation message to the ATM (and an authorization to dispense currency, in the case of a cash withdrawal). The ATM dispenses the requested currency, if necessary, and provides the customer with a printed receipt as a record of the transaction.

The processor credits the merchant’s account for the amount of any cash withdrawals (plus surcharge fees, if collected), typically by the end of the next business day.
**VOICE-ENABLED TRANSACTION**

The terminal provides voice feedback via an integrated output jack, enabling sight-impaired users to plug in a set of headphones and receive spoken instructions to assist them in using the ATM.

A raised symbol helps a user locate the headphone jack. The ATM will automatically detect when a headphone has been plugged into the jack, and will immediately switch into voice mode. Initially, a brief spoken tutorial will orientate the customer to the ATM control panel interface. Once the customer begins a transaction, spoken prompts will provide feedback and guide the customer through the successful accomplishment of the transaction.

![Headphone jack location. (Typical)](image)

**E-RECEIPT TECHNOLOGY**

ARGO 7 and ARGO 15 screen terminals provide for E-Receipt technology. The customer is offered the choice of (a) the standard printed receipt, (b) having the receipt sent to his phone as a text message, or (c) sent to an E-mail account.

The E-mail information is not retained by the ATM or Triton, and will not be used for any marketing purposes. The account is not shown on the screen, only the * figures as the account is entered.

**NOTE:**

- ARGO 7 and ARGO 15 without a printer MUST use E-Receipt or no receipt.
- ARGO 7 and ARGO 15 screen with printer can be configured to allow E-Receipt choice. (From the Main Menu: 6 Terminal Configuration > 0 More Options > 6 Electronic Receipts)
- ARGO 12 screen model does not allow for E-Receipt operation.
ARGO 7 with topper
SECTION 3: CASSETTE CLOSE / CASH REPLENISHMENT

SCDU

HCDU

MiniMech

SDD

NMD50
The purpose of this section of the manual is to describe the procedures for cassette closing and replenishment. Information concerning note handling and quality issues are explained where appropriate.

**DISPENSING MECHANISMS**

*PLEASE READ*

The ARGO Model RL1713 production units are equipped with the MiniMech dispenser and have the shallow cabinet design.

The ARGO Model RL27XY (7 inch screen), the ARGO Model RL63XY (12.1 inch screen) and the ARGO model RL74XY (15 inch screen) are equipped with one of the following Dispenser types: SCDU, HCDU, SDD, TDM250, or NMD50. These models have the deep cabinet design.

Currency capacity depends upon the dispenser mechanism installed in the ATM, but is also affected by note quality and thickness. Typical capacities are provided in the following table: **DO NOT** be tempted to over fill the cassette.

<table>
<thead>
<tr>
<th>DISPENSER</th>
<th>CASSETTE</th>
<th>RECOMMENDED MAXIMUM CAPACITY</th>
<th>REJECTED NOTE CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>MiniMech</td>
<td>Single</td>
<td>750-1000 Notes</td>
<td>Less than 100</td>
</tr>
<tr>
<td>SDD</td>
<td>Single</td>
<td>1700-1800 Notes</td>
<td>Less than 100</td>
</tr>
<tr>
<td>SCDU</td>
<td>Single</td>
<td>1000 Notes</td>
<td>Less than 100</td>
</tr>
<tr>
<td>HCDU</td>
<td>Dual</td>
<td>3500 Notes (1750 each)</td>
<td>Less than 100</td>
</tr>
<tr>
<td>NMD50</td>
<td>Up to 4</td>
<td>3500-4000 (1750-2000 each)</td>
<td>Less than 100</td>
</tr>
</tbody>
</table>

The dispensing mechanism delivers the appropriate number of notes from the note cassette to fulfill the customer’s withdrawal request. The purpose of the reject area or cassette is to accept and hold notes that have been transferred from the note cassette but not dispensed. Some situations that could cause the mechanism to reject notes are:

1) Multiple notes stuck together
2) Note width too short or long.

Other conditions that could cause a reject are described in the following section, **NOTE CONDITION**.

**CAUTION**

DO NOT RECYCLE REJECTED NOTES INTO A CASSETTE!
DOING SO COULD CAUSE MORE REJECTS AND/OR CURRENCY JAMS.
The number of rejects can be directly influenced by the technique used to load the cassettes and the quality of the currency. Notes loaded into the mechanism cassettes must be in fit condition if a high level of performance (low reject and failure rate) is expected from the unit. Fit notes are defined as those that do not possess any of the defects listed here:

**Used Note Defects**
- Adhesive or sticky substances on the surface of the paper.
- Tears extending more than 1/2” from the edge of the currency.
- Tape on the surface of the currency used for repairing, patching or any other purpose.
- Staples, pins, or any other foreign body attached to the notes.
- Corner folds of a size greater than 1/2” on either axis.
- Two or more notes joined by any means.
- Excessively crumpled or crinkled notes.
- Tears, holes, or missing sections in the body of the currency.

**Preparing Notes**

Use the following procedures to prepare notes before inserting them into a note cassette.

**Preparing Used Notes**
- Remove the band around each bundle of notes.
- Remove foreign objects (e.g. pins, paper clips, crumbs, etc.).
- Remove torn or very worn notes.
- Straighten any folded notes.

**New or Uncirculated Notes**

Remove the band around each bundle of notes. Separate the notes from each other by:
- **Striking** the bundle hard against the edge of a table or similar object.
- **Flipping** through each bundle of notes in both directions at each end.
- Using a **note counter** (highly recommended).
CASSETTE CLOSE PROCEDURES

Follow access instructions to enter MANAGEMENT FUNCTIONS. Select TERMINAL CLOSE FUNCTIONS. Select CASSETTE CLOSE.

1. Select cassette to close. A check mark (✓) identifies which cassette is selected. “A” is selected by default. Press Enter. (Example shows only one cassette available.)

2. A Close report is displayed to be printed or saved. This operation will reset the number of bills in the cassette to ZERO (0). Press Enter.

3. Remove and replenish the selected cassette.

Procedures for cassette replenishment are on the following pages.

4. After cassette has been reinserted in the dispenser, press Enter.

5. Place selected cassette IN SERVICE. “A” will be in service. Press Enter.

6. Enter Cassette Quantity (total number of notes, NOT value) for the selected cassette. Press Enter to accept entry.

7. A Trial Cassette Close report automatically is displayed to be printed or saved. Print and retain a copy for starting point reference. Press <Enter> to return to Close functions.
REPLENISH CASSETTE PROCEDURES

SCDU/HCDU

1. Unlock and open the security cabinet door.
2. Remove any rejected notes. The reject compartment is located above the cassette.

3. To remove the cassette, grasp the handle, lift slightly, and slide the cassette out of the mechanism. Place the cassette on a flat level surface. Use the security key to unlock the cassette, and open the lid.

Note: You may wish to record the number of notes removed from the reject compartment for use when balancing the cassette against the cassette/day close records.
Loading the Cassette

1. Pull the packer plate to the rear of the cassette (toward the handle). Ensure the packer plate is fully back. Maintain pressure on the packer plate as needed while loading notes. Refer to the yellow sticker, located on the inside cover of the cassette, for loading instructions.

2. Count the number of bills that remain in the cassette, if any. Next, count the number of bills that are being added into the cassette.

3. Add the number of bills being placed into the cassette to the number that remained. The total number of these bills will be entered in the Enter Cassette Quantity option (shown in step 6 of Cassette Close Procedures on previous page).

4. Place the currency into the cassette. Allow at least one inch of clearance between the packer plate, when it is fully retracted, and the currency. This will allow the packer plate to compress the currency. Do not try to overfill.

5. Release the packer plate against the notes.

6. Close the lid and lock with the security key.

7. Using the handle, slide the note tray into the dispensing mechanism. Make sure the note tray is fully inserted!

8. HCDU- repeat steps 1-7 for additional cassette.

9. Ensure the Reject door is closed. Close and lock the security container.
1. Unlock/Open the dispenser security door. Grasp the cassette handle and remove the cassette.

2. Cassette MUST BE PRIMED with the cassette key before inserting on the loading tray. Insert key and turn clockwise to show GREEN indicator in window.

***WARNING***

*If RED is indicated in the window on the side of the currency cassette, NEVER attempt to insert the cassette into the dispenser or the loading tray!*
3. Slide cassette onto the loading tray. Lift lid to expose the reject tray. Remove any rejected notes. DO NOT recycle rejected notes!

4. Lift the reject tray. Push the packer plate to rear of cassette and latch in place.

5. Count the number of bills that remain in the cassette, if any. Count the number of bills that are being added to the remaining notes. The total number of these bills will be entered in the **Enter Cassette Quantity** prompt (shown in step 6 of **Cassette Close Procedures**).

6. Place currency in the cassette and slowly release the hold-back latch allowing the packer plate to move forward against the notes. Lower the reject tray, then close the cassette lid.

7. Remove cassette from loading tray. Insert the cassette key and “PRIME” the cassette (Green indicator). Install the cassette into the dispenser.

8. Close and lock the security cabinet.
1. Unlock and open the security cabinet door.

2. To remove the cassette, grasp the handle and slide the cassette out of the mechanism. Place cassette on a flat level surface.

3. Remove any rejected notes. The reject compartment is located nearest the handle side of the cassette.

Note: You may wish to record the number of notes removed from the reject compartment for use when balancing the cassette against the cassette/day close records.

4. Pull the packer plate to the rear of the tray (toward the handle). Ensure the packer plate is fully back. Maintain pressure on the packer plate as needed while loading notes.

5. Count the number of bills that remain in the cassette, if any. Next, count the number of bills that are being added into the cassette.

6. Add the number of bills being placed into the cassette to the number that remained. The total number of these bills will be entered in the Enter Cassette Quantity option (shown in step 6 of Cassette Close Procedures).

7. Place the currency into the cassette. Allow at least one inch of clearance between the packer plate, when it is fully retracted, and the currency. This will allow the packer plate to compress the currency. Do not try to overfill.

8. Release the packer plate against the notes.

9. Using the handle, slide the cassette into the dispensing mechanism. Make sure the cassette is fully inserted!

10. Close and lock the security cabinet.

Loading the Cassette

1. Pull the packer plate to the rear of the tray (toward the handle). Ensure the packer plate is fully back. Maintain pressure on the packer plate as needed while loading notes.

2. Count the number of bills that remain in the cassette, if any. Next, count the number of bills that are being added into the cassette.

3. Add the number of bills being placed into the cassette to the number that remained. The total number of these bills will be entered in the Enter Cassette Quantity option (shown in step 6 of Cassette Close Procedures).

4. Place the currency into the cassette. Allow at least one inch of clearance between the packer plate, when it is fully retracted, and the currency. This will allow the packer plate to compress the currency. Do not try to overfill.

5. Release the packer plate against the notes.

6. Using the handle, slide the cassette into the dispensing mechanism. Make sure the cassette is fully inserted!

7. Close and lock the security cabinet.
Removing Note Cassettes

1. UNLOCK the cassettes through Management Functions.
   A) Press keys to route through from the Main Menu: Diagnostics (2) > Dispenser (4) > Cassette Parameters (8).
   
   **Note:** This is also accessible via Main Menu: Terminal Configuration (6) > Cassette Setup (4) > Cassette Parameters (9).

   **Note:** Depending on the type of screen you are viewing, the appearance may be different, but the route is the same.

   B) Press 2 to unlock (uncheck) the All Cassettes Locked option.

2. Unlock and open the security cabinet door.

3. To remove the selected note cassette, grasp the cassette handle with one hand while holding the mechanism in place with the other hand. Pull the cassette out slightly. Place one hand underneath to support the cassette as you slide it completely out of the unit.

4. Continue to support the bottom of the cassette to keep it level as you place it on a table or other flat surface.

Opening Note Cassettes

1. If your cassette has a lock, use the note cassette key to unlock the cassette.
2. Open the cassette by simultaneously pressing the release button and lifting the lid. Flip the lid back fully, allowing it to rest on the table or other flat surface.

- Press release button and lift lid.

3. Move the packer plate to the rear of the cassette (toward the handle). Ensure the packer plate is fully back. It should stay in this position.

- Pull packer plate back.

### Loading Note Cassettes

1. Level the note pile. Compress the note pile slightly by hand. Single notes must not protrude from the bundle. Make sure the bundle leans evenly against the packer plate.

- Level the note pile.

- Notes lean against packer plate

2. Move the packer plate against the notes with just enough pressure to hold the notes.

- Slide packer plate against notes.

3. Move the white plastic levers (pawls) on the packer plate to their fully extended position. This will allow the pusher plate to retract and relieve pressure from the note stack when an unlock command is sent to the dispenser.

- Pawls extended
4. Close the cassette lid. The release button should pop out allowing the lid to mate cleanly with the body of the cassette. If applicable, lock the cassette with the cassette key.

5. Slide the cassette into corresponding slot, making sure the cassette is fully inserted.

6. Repeat all steps for the remaining cassette.

---

**Clearing Notes from the Reject Cassette**

1. **Remove cassette.**

   While the security cabinet is open, remove the reject cassette by grasping the cassette handle with one hand while holding the mechanism in place with the other hand. Pull the reject vault out slightly. Place one hand underneath to support it as you slide it completely out of the unit. Place it on a level surface.

   **IMPORTANT:** If you remove the reject cassette with power applied, the terminal will sense this and automatically reset the rejected note count to ZERO. Therefore, to ensure an accurate rejected note count, never remove the reject cassette with power applied without removing any rejected notes.

2. **Open vault and collect notes.**

   The reject cassette is locked when it is removed from the dispenser. A color indicator window shows **GREEN** when the cassette is opened for collection and when it is ready for use. This condition is also referred to as the PRIME position of the color window.

   The color window shows **RED** when the cassette is inserted into the dispenser and will show red until it has been removed from the dispenser and opened for collection.

   Remove the cassette seal (if applicable). Turn the small latch on the front counterclockwise and lift the lid. Release the handle. Collect the rejected notes.

3. **Close and replace cassette.**

   After removing any rejected notes, turn the small latch about a half-turn counterclockwise and close the lid. Allow the latch to return to the position of the seal bracket. At this point, the vault is primed and the color window should be showing **GREEN**. If applicable, apply a new vault seal and lock the small latch to the seal bracket.

   Using the reverse of the steps taken to remove the reject vault, slide the reject vault back into its slot in the dispenser. Make sure the vault is fully inserted.
TEST DISPENSER OPERATION

1. Close and lock the security cabinet.

2. Verify the cassettes are Locked (NMD only) and In Service (multi-cassette use).

   NOTE: The NMD50 cassettes MUST be Locked and In-Service (checked) for normal operation.

   All Cassettes Locked is checked.

   Each cassette is checked for Cassette In Service.

3. In Management Functions, select Diagnostics, then Dispenser.

4. Select the Test Dispense option.

5. Select either individual cassettes that are installed ("A" or "B") or All Cassettes.

   A prompt appears asking how many notes to dispense. The default is 1.

6. Enter the number to dispense if more than one, then press Enter.

   The Test Dispense operation will start. The Test Dispense command instructs the dispenser to dispense at least one note from each installed and operational cassette into the reject vault. This test exercises the dispenser without sending notes to the exit.

7. After completion of the Test Dispense, a prompt displays: “Test Dispense Completed Successfully - Dispense Count, A: (# of notes), B: #.”
ARGO 15
SECTION 4: GENERAL MAINTENANCE

ARGO 12
INTRODUCTION

This section of the manual covers preventive and corrective maintenance procedures appropriate for user personnel. The following areas are covered:

1. **Replenishing Receipt Paper.** Describes how to replace a spent receipt paper roll.
2. **Cleaning the Enclosure.** The proper way to clean the ATM housing.
3. **Card Reader Cleaning.** The recommended card reader cleaning technique.

*IMPORTANT*

Only qualified service personnel are authorized to repair or service the terminal. Should a malfunction occur, **DO NOT** attempt to service the unit yourself! Contact your Triton certified service provider!

NOTE: This operation must be completed with the AC power applied to the ATM.

1. Open the control panel by unlocking the top enclosure and pulling the hinged door forward.
2. If paper remains on the roll, cut or tear the paper between the roll and the printer.

**CAUTION**

**DO NOT** pull receipt paper backwards through the printer! This may leave paper fragments that can cause paper jams.

3. Use the receipt printer feed button to feed the paper through the paper path until all paper comes out the front of the printer.
4. Remove the paper and spool from the paper 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.

6. Remove the plastic spindle from the old paper roll and insert into the new roll of paper. Use a new roll of 60mm wide (or 80mm wide) thermal paper as appropriate for the printer. Be sure the spindle is inserted so that the paper will feed from the **TOP** of the roll when it is installed on the paper bracket.

7. Place the new roll back on the paper bracket by sliding the small, slotted end of the spindle onto the slot in the bracket as shown. **Note that the paper feeds from the TOP of the roll!**

8. Feed the end of the paper into the printer take-up slot. The printer will activate and automatically feed the paper through the printer and slightly out the front of the control panel.

9. If the printer does not feed automatically, open the printer assembly by pulling the release pin on the side.
10. Rotate the printer towards the front of the unit.

![Rotate printer open.]

11. Check the blue lever to ensure it's in the correct position as shown. If it is not in the position shown, move the lever to the correct position. (Lever moves to three positions.) Close the printer assembly and perform step 8 again. Ensure the printer is secured by the release pin.

![Blue tension lever (correct position).]

12. Close and lock the control panel. Go to Management Functions: Main Menu > Diagnostics > Printer and perform a Reset/Test Printer.

![Select Printer on Diagnostics Menu.]

![Select Reset/Test Printer on Printer Diagnostics Menu.]

The Reset/Test Printer function re-initializes and then performs an operational test of the printer. A pattern of characters is printed on the receipt.
The ATM 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, use a weak solution of a mild detergent and water.

** CAUTION **

Avoid using abrasive cleaners on any surface of the terminal. Do not spray liquid cleaner directly on the unit, inside or out.

** CLEANING THE DISPLAY **

The Liquid Crystal Display (LCD) of the ARGO is covered with glass. The 12.1” is tempered glass. The 7” screen has a glass windows covered with a capacitive layer, and the 15” screen is tempered glass with a capacitive layer on the back.

1. Safely turn off the ATM before cleaning the screen. This is especially important for the 7” and 15” screens since they contain a static charge and respond to the electrons of the human body. With the screen off, it is also easier to see areas missed if left on.

2. Dampen a soft, lint-free, preferably microfiber cloth with clean water. Make sure the cloth is damp, not wet, so wring it out well. Gently wipe the screen to remove smudges, fingerprints, dust. etc.

   OR

   Use a screen cleaner kit (found online or at electronic stores) that has an anti-static solution without alcohol or ammonia. Spray the solution on a wipe and gently wipe the screen to clean.

3. With a dry lint-free cloth, wipe the surface to remove any excessive moisture. Turn the ATM back on.

** CAUTION **

Do not spray liquids directly onto the screen as they may run down inside the unit and cause damage. Do not use any cleaners containing ammonia or alcohol on the window.

** CARD READER CLEANING **

Special cleaning cards (P/N 05010-00024) are available for proper maintenance of the card reader. These waffle type cleaning cards may be used with multiple types of card readers including magnetic stripe, EMV (chip), and hybrid card readers. The reader should be cleaned at least once a month by inserting and removing a cleaning card, as indicated in the steps below. It may be necessary to clean the card reader more often in locations that see heavy usage.

1. Remove the cleaning card from the sealed pouch.
2. Insert the cleaning card into the card reader and move in and out several times.
3. Remove the cleaning card and turn over to use other side.
4. Insert again several times.
5. Remove cleaning card and discard. They are designed to be used only once.

Cleaning cards (P/N 05010-00024)

T7 PCI-EPP Battery Replacement

NOTE: You may remove the battery without risk of damage to the EPP. You have approximately 2-5 minutes to replace with a spare battery before losing the data stored (keys, passwords) in the keypad.

1. Shutdown the unit with the proper shut down procedures. Turn the power switch on the power supply to OFF (O).
2. Remove the battery cover from the EPP. Set the cover aside for reinstallation.
3. Remove the old battery and connect the new battery immediately.
4. Secure the new battery in the compartment and replace the battery cover.

NOTE: The spare battery can be ordered from www.atmgurus.com.

5. Power up the unit.
T5 and T9 Keypad Battery Replacement

NOTE: Do NOT remove the battery from the T5 and T9 EPP without FIRST connecting a new battery!! This EPP will be permanently damaged if the battery is removed and the keypad is unpowered before connecting a new battery.

1. Shutdown the unit with the proper shutdown procedures. Turn the power switch on the power supply to OFF (O).

2. Remove the battery cover from the EPP. Set the cover aside for reinstallation.

3. DO NOT UNPLUG CURRENT BATTERY!
Obtain a replacement battery. Plug the new battery into the spare battery connection.
4. After the new battery is correctly installed, unplug and remove the old battery.

5. Secure the new battery in the compartment and reinstall the battery cover.

6. Power up the unit.

NOTE: The spare battery can be ordered from www.atmgurus.com.
ARGO 7
ARGO 12 with printer
No topper
Triton ATMs require a minimum amount of configuration in order to place them into fully functional order. These configuration requirements are listed in the steps below. These are the minimum requirements for bringing the ATM live and in service. Please refer to the XScale/X2 Configuration Manual for other, optional configuration assistance.

**INTRODUCTION**

Once the ATM is powered on, to logon to the system’s Management Functions screen:

1. Press the **CTRL** key and the **1** key at the same time.

2. Enter the default Master access code (**001234**) on the popup entry screen.

   - “**00**” is the User ID for Master.
   - “**1234**” is the default password for Master access.

3. Press **Enter**.
Configuration Wizard
The ATM can be configured manually by following the next sections or by using the Configuration Wizard.

CHANGE MASTER PASSWORD
(Resolves Error Code 246.)

To change the master password, starting from the Main Menu:


2. Press 1 (Change User Password).

3. Enter the new password on the popup screen.

   Enter password only, not the “00” user ID of the Master.
   The password may consist of between 4-12 numeric digits.

4. Press Enter

5. Repeat steps 3 and 4 to confirm new password.
SET DENOMINATION

(Resolves error code 186.)

Denomination for each cassette must be set up. The process depends on what type dispenser is in the ATM.

1. From the Main Menu, press 6 (Terminal Configuration).

Denomination setup steps from this point are determined by dispenser:

4. A) MiniMech, SDD, SCDU, or HCDU
   B) NMD50


3. Press 9 (Cassette Parameters).

1) Press 7 (Multiple Amount).

2) At prompt, remove selected cassette from the dispenser, then press Enter.
A) MiniMech, SDD, SCDU, or HCDU (continued)

3) Follow replenishing cash steps (see Section 3), then replace cassette and press **Enter**.

4) Enter the denomination amount.

5) Press **Enter**.

6) For HCDU with two cassettes, repeat these steps for the second cassette.

B) NMD 50

1. Press 2. **(All Cassettes Locked)**

2) Press 5 (**Active Cassette**) repeatedly until the cassette being set up appears.

3. Press 7 (**Multiple Amount**).

4. At prompt, remove selected cassette from the dispenser, then press **Enter**.
5) Follow replenishing cash steps (see Section 3), then replace cassette and press Enter.

6) Enter denomination amount for that cassette.

7) Press 6 (Cassette in Service) to place cassette in service (checkmark displays).

8) Repeat steps 2-7 for the remaining NMD cassette in the dispenser.

9) Press 2 (All Cassettes Locked) to check (lock) all cassettes.
(Resolves error code 185.)

The default communication protocol is dialup (TDL) as shown here. For other types of communication with the host processor, see the *XScale/X2 Configuration Manual* or contact Technical Support. It is important at this point to enable the terminal’s ability to communicate with the host processor.

1. From the **Main Menu**, press **6** (**Terminal Configuration**).

2. On the **Terminal Configuration** menu, press **6** (**Communication**).
Enter Host Phone Number (continued)

3. On the Communication menu, press 1 (Primary Phone Number).

4. Enter the host phone number to dial for transactions.

5. Press ENTER.

6. Press ENTER again to set changes.

For a secondary, backup phone number, press 2 at step 3 and proceed.

TCP/IP Communication Protocol

If setting the Communication Protocol to TCP/IP, the options on the menu change. The differences are circled below. Contact your Host to obtain correct setup specifications to assure effective communication with the Host.

See the XScale/X2 Configuration Manual or contact Triton Technical Support for more help in setting up communication on your ARGO ATM.

TDL (Triton Dynamic Language) is the default setting for Communications Protocol and is the dialup protocol. Changing this setting may change the options available on this screen.
1. From the **Main Menu**, press 6 (**Terminal Configuration**).

2. On the **Terminal Configuration** menu, press 1 (**General Parameters**).

3. On the **General Parameters** menu, press 1 (**Terminal ID**).

4. Enter the Terminal ID received from the Host Processor. When entering alpha characters, use the virtual keyboard.

   **NOTE:** Ensure there is **NO** space before the terminal ID.

If the virtual keyboard does not display automatically for alphanumeric entry, press the **F8** function key to access.

5. When finished entering the Terminal ID, press ENTER.

6. Press ENTER again to set change.
The following steps are for entry of the DES PIN Master Keys. Master Keys and information regarding them are provided by the Host Processor.

1. On the **Main Menu**, press **7 (Key Management)**.

2. On initial setup, the system requires secure passwords to be changed for Master Keys. Press **ENTER** at the prompt.

3. A) T7 PCI EPP
   a) On **Key Management** menu, press **4 (Set Passwords)**.

   b) Enter default password (**000000**) for User 1, and press **ENTER**.

Master Key setup from this point is determined by the type of keypad:

3. A) T7 PCI EPP (plastic keys)
   B) T5 and T9 PCI EPP (metal keys)
3. A) T7 PCI EPP (continued)

c) Enter default password (000000) for User 2, and press ENTER.

d) Press 1 (Change User 1 Password).

e) Enter new password for User 1, and press ENTER.

NOTE: The password must be between 6-14 numeric digits.

NOTE: Some hosts may provide the passwords for User 1 and User 2.

f) Re-enter new password to confirm, and press ENTER.

Press 2 (Change User 2 Password) and repeat steps e) and f) for User 2.
B) T5 and T9 PCI EPP

a) On Key Management menu, press 4 (Set Passwords).

b) Press 1 (Set User 1 Password).

Until passwords are set, all other options on this menu except Update EPP Firmware are inactive.

c) Enter password for the user, and press ENTER.

NOTE: On the T5 and T9 EPP, the password must be between 8-16 numeric digits.

NOTE: Some hosts may provide the passwords for User 1 and User 2.

d) Re-enter the password for the user to confirm, and press ENTER.

e) Press 2 (Set User 2 Password) and repeat steps c and d for User 2.

Once the setup of user passwords has been performed, this screen changes to “Change User...Password.”
4. On the **Key Management** screen, press 1 (Enter Master Keys).

5. Enter User 1 password, and press **ENTER**.

6. Enter User 2 password, and press **ENTER**.

7. Press 2 (Enter PIN Master Key). (For MAC key entry, press 1.)

8. Press **ENTER** to select the default setting of New Key.

9. Enter PIN Master Key part A using the function keys and keypad schema shown on screen.

10. Press F7 (Enter) when all of the Master Key part is entered.

11. Verify the check digits match those provided by the Host Processor for this part of the Master Key. If a match, press **ENTER**.

   **NOTE:** If check digits do not match, press CANCEL to return and carefully re-enter the part.
12. Press ENTER when prompted to add part B to existing key.

13. Repeat steps 9-12 for part B of the Master Key.

14. Press ENTER when successful.

15. Press CANCEL and proceed to Download Working Keys.

**DOWNLOAD WORKING KEYS**

(Resolves error code 188.)

1. On the **Key Management** menu, press 2 (Download Working Keys).

2. Press ENTER to continue.

3. Press ENTER once the download is complete.
ELECTRONIC LOCKS AND BATTERIES

STRAIGHT DEAD BOLT

Swing Bolt
** IMPORTANT **
Read this page BEFORE proceeding. New imperative information.

Super Master Reset Password

BOTH types of electronic locks are now set with a Super Master Reset Password. The Super Master Reset Password should only be used if the Manager Password has been lost/forgotten. Using the Super Master Reset Password will reset the lock back to factory state. However, once the Super Master Reset Password has been changed from the factory default code, it CANNOT and WILL NOT change unless a hard reset of the lock is performed.

*Upon arrival, the Super Master Reset Password combination of the lock is set at 5-5-5-5-5-5-5-5. That is EIGHT number 5s.

Change this password IMMEDIATELY, before the Manager Default Code, or this function will be permanently lost.

To Change the Super Master Reset Password (SMR):

1. Press and hold the ZERO (0) for three (3) seconds.

2. The lock will beep twice and the LED light will come ON (and stay ON until the process is complete).

3. Enter the default code of 5-5-5-5-5-5-5-5 holding the last digit for three (3) seconds.

4. The lock is now in Command Menu mode. SMR has two (2) Command Options:
   - Press zero (0) to Change Code (one-time use ONLY).
   - Press eight (8) to Reset the Manager Password (reset the lock).

NOTE: Once the default code is changed to a new code, the code can never be changed. A reset box must be used to reset.
**Entering the Combination - Both Styles**
The electronic lock combination(s) consists of six digits. Upon arrival, the combination(s) of the lock should already be set at 1-2-3-4-5-6.

After installation of the unit has been completed:
1. 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.
2. Within four (4) seconds, turn the Straight Deadbolt keypad clockwise to the open position.
3. The Swing Bolt style will retract when the door is opened.
4. After the lock is opened, the door may be opened.
   *Invalid Code Entry - Lock will beep three (3) times. Repeat Steps 1 - 3.*

**Changing the Combination - Both Styles**

**IMPORTANT**
Always perform this operation with the door open.

If your unit is programmed for Dual Code (see Programmable Features), each code must be changed independently. Follow these instructions for each code change.

To change the combination of the lock:
1. Enter six (6) zeros.
2. Enter the current combination (initially set at 1-2-3-4-5-6).
3. Enter the new six (6) digit combination twice.
   *If a mistake is made, wait thirty (30) seconds and repeat steps 1 -3.*
4. Test lock combination several times before closing the door. The combination is now changed.
   *Valid Code Entry - Double signal after valid six (6) digit code is entered.*
   *Invalid Code Entry - Triple signal and old code is still valid.*

**Lockout Feature**
The lock includes a WRONG TRY PENALTY lockout feature that prevents entry from unauthorized personnel. This feature performs as follows:

- Entry of four (4) consecutive invalid combinations starts a 5-minute delay period.
  - LED flashes RED at ten (10) second intervals.

- At the end of the delay period, two (2) more consecutive invalid combinations will restart an additional 5-minute delay. Entry will not respond to a single keystroke during delay period.
Programmable Features

The locks are initially set with the standard feature of a single 6-digit code. Based on your requirements, additional features may be added in the lock **BUT THEY MUST BE PRE-PROGRAMMED** by Triton prior to shipment of the unit.

- **Manager (Factory set to 1-2-3-4-5-6):**
  - Add/remove second user
  - Enable/disable second user

- **Dual Code:**
  - Two (2) combinations required to open.

- **Silent Signal Alarm (Optional alarm box required):**
  - Duress signal if last number of code(s) is entered using one (1) number higher or one (1) number lower.
  - **Time Delay:**
    - Delay period 1-99 minutes.
    - Open period 1-19 minutes.

**Time Delay Override:**

- Ability to add second combination to override delay period.

- **Disable Lock (Optional alarm box required):**
  - Input signal disables opening of lock by valid code.

**Programmable Feature(s) descriptions:**

**Add User** *(If Manager, Time Delay Override, Remote Override, or Dual Combination feature programmed)*

1. Enter Manager Code and **HOLD DOWN LAST DIGIT OF CODE** until the lock signals with two (2) sets of double beeps.
2. PRESS 1. Lock signals twice. Lock will only signal twice if the User Code is not already in use. It will beep once if a User Code is already installed and three (3) times if the function has not been programmed in the lock.
3. Enter User code twice. The lock signals twice after each valid entry.
4. If a mistake is made, wait thirty (30) seconds and repeat steps 1 - 3.
   - **Valid Code Entry - Double signal after valid six (6) digit code is entered.**
   - **Invalid Code Entry - Triple signal and old code is still valid.**

**Disable User** *(Manager feature only)*

1. Enter Manager Code and **HOLD DOWN LAST DIGIT OF CODE** until the lock signals with two (2) sets of double beeps.
2. PRESS 2. Lock signals once. User is now temporarily disabled.
3. If a mistake is made, wait thirty (30) seconds and repeat steps 1 - 2.
Reinstate User (Manager feature only)  
Always perform this operation with the door open  
1. Enter Manager Code and HOLD DOWN LAST DIGIT OF CODE until the lock signals with two (2) sets of double beeps.  
2. PRESS 1. Lock signals once. User is now reinstated.  
3. If a mistake is made, wait thirty (30) seconds and repeat steps 1 - 2.

Remove User (Manager feature only)  
Always perform this operation with the door open  
1. Enter Manager Code and HOLD DOWN LAST DIGIT OF CODE until the lock signals with two (2) sets of double beeps.  
2. PRESS 3. Lock signals once. User is now permanently removed.  
3. If a mistake is made, wait thirty (30) seconds and repeat steps 1 - 2.

Dual Code Operation (if feature is programmed)  
Always perform this operation with the door open  
1. Must add second user to open lock (See ADD USER).  
   • Second user CANNOT be Disabled or Removed.  
2. After first code is entered, second code must be entered within ten (10) seconds.  
3. Both codes required to open lock in Open period.

Silent Signal Alarm (if feature is programmed AND optional Alarm Box is connected to an alarm system)  
Always perform this operation with the door open  
1. Enter last digit of code one (1) number higher or one (1) number lower.  
   Example: Code: 1-2-3-4-5-6  
   Duress: 1-2-3-4-5-5 or 1-2-3-4-5-7  
2. The lock will open without any indication that the duress signal has been sent.

Time Delay (if feature is programmed)  
Always perform this operation with the door open  
1. Enter valid code.  
   • Time Delay period starts (1-99 minutes pre-programmed).  
   • LED flashes RED at one (1) second intervals.  
      - If valid code entered during delay, Time Delay period restarts.  
      - If invalid code(s) entered during delay, Time Delay period aborts.  
2. At end of Time Delay period, Open period starts (1-19 minutes pre-programmed).  
   • LED flashes RED at 1/2 second intervals.  
   • Lock beeps at ten (10) second intervals  
3. During Open period, enter valid code(s).  
   • If invalid code entered during open, Open period continues.  
   • If four (4) consecutive invalid codes entered, WRONG TRY PENALTY starts.

Time Delay Override (if feature is programmed)  
Always perform this operation with the door open  
1. Must add second code (See ADD USER).  
   • Second user CANNOT be Disabled or Removed.  
2. Entry of Time Delay Override code during Delay period will open lock.
Battery Maintenance

Battery Low Warning

Repeated beeping during an opening indicates that the battery is low and needs to be replaced. Triton recommends replacement of the battery at least twice annually. The battery box is located on the inside of the door.

**Note:** If the lock will not operate (i.e. repeated beeping or no beeping) while the door is closed and locked, the battery must be energized from the two external terminals on the front of the push-button panel.

To energize the lock, connect a 9-volt alkaline battery on the external terminal points. While maintaining contact, enter a valid combination and turn the dial clockwise to open the lock.

**Note:** You must maintain battery contact at all times throughout this procedure.

**Changing the Battery - Straight Deadbolt**

1. Open the ATM vault door(s). Remove the battery box cover by pulling the front portion away from the vault door.
2. The connector is easily removed by unsnapping it from the two (2) terminal on the top of the battery.
3. Remove the old battery. Install/connect a new 9-volt alkaline battery.
4. Push the battery and the leads completely up into the battery compartment.
5. Reinstall the cover and test the unit several times before closing the vault door.

**Changing the Battery - Swing Bolt Style**

1. Grasp the dial firmly, and push up 1/4 inch to dislodge the dial.
2. Remove from the Standoff Mounting Bolts.
3. Replace 1 or 2 9-volt batteries.
4. Install the dial by placing on the Standoff Mounting Bolts.
5. Push in a downward direction to engage.

**Note:** Do NOT close the door without checking the operation of the combination and making certain it is programmed correctly. This style lock WILL auto lock if the door is closed/latched. If you DO NOT have the Super Master Reset Password programmed or have misplaced both the Master Password and the Super Master Reset Password, the lock will require drilling by a certified licensed locksmith.
**MECHANICAL LOCKS**

**Entering the Combination**

There are two marks on the dial ring (Refer to figure 1). 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 single number **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. The Mas Hamilton lock is the only mechanical lock shipped with a factory combination of **“50-25-50”**.

**UNLOCKING A 3-NUMBER COMBINATIONS (EXAMPLE, “25-10-25”)**

1. Turn the dial to the **LEFT**, stopping when ‘25’ is aligned with the opening index, the **FOURTH** time.
2. Turn the dial to the **RIGHT**, stopping when ‘10’ is aligned with the opening index, the **THIRD** time.
3. Turn the dial to the **LEFT**, stopping when ‘25’ is aligned with the opening index, the **SECOND** time.
4. Turn the dial slowly to the **RIGHT** until the bolt retracts.

**LOCKING THE LOCK**

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

**CHANGING THE COMBINATION**

Select the new numbers. **DO NOT** use any number between 1 and 20 for the last number. For maximum security, do not use any number that ends in 0 or 5, and do not use numbers in sequences: 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 previously, or the directions for opening when on the factory setting). Open door of container.
2. Refer to figure 1. 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 2) before turning the key.

4. Turn key one-quarter to the LEFT (see figure 2). With the change key in this position, set the new combination as follows:
   a. Turn the dial to the LEFT stopping when the first number of the new combination aligns with the changing index the FOURTH time.
   b. Turn the dial to the RIGHT, stopping when the third number is aligned with the changing index, the THIRD time.
   c. 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 3).

The new combination you have chosen is now set in the lock.

NOTE: TEST THE NEW COMBINATION BEFORE CLOSING THE DOOR.
Once these steps are completed and the terminal is in communication with the host, the ATM comes into service. It is now ready to process transactions. There are several other, optional configuration features, but these complete the basic setup requirements.

For further information, see the *XScale/X2 Configuration Manual* or contact

**Triton Technical Support:**

North America: 1 (800) 259-6672

Outside of North America: +1 (228) 575-3100
APPENDIX A
SOFTWARE LICENSE AGREEMENT
COMPLIANCE / EMISSION STATEMENTS
AUTOMATED TELLER MACHINE ("ATM") SOFTWARE
END-USER AGREEMENT

IMPORTANT: PLEASE READ CAREFULLY:

By installing or otherwise using the ATM, you (as the owner or lessee of the ATM) agree to be bound by the following terms and conditions, including, without limitation, the warranty disclaimers, limitations of liability and termination provision which apply to your use of the ATM software contained in this ATM and is hereby licensed by Triton Systems of Delaware, LLC. ("Triton") to you pursuant to this Agreement.

If you do not agree to or are not willing to be bound by the terms and conditions of this Agreement, do not install or otherwise use this ATM and promptly contact your vendor. Installing or otherwise using the ATM indicates that you accept these terms.

This ATM is manufactured by, and utilizes proprietary software owned by Triton Systems of Delaware, LLC. and/or its suppliers. All right, title and interest in and to all component software installed or embedded in the ATM ("ATM Software") including all associated intellectual property rights, are and will remain the property of Triton and/or its suppliers.

LICENSE: Triton grants you a limited, nonexclusive license to use the ATM Software but only in connection with the operation of this ATM subject to the terms and restrictions set forth in this License Agreement. You are not permitted to use the ATM Software in any manner not expressly authorized by this License. You acknowledge and agree that ownership of the ATM Software and all subsequent copies thereof regardless of the form or media are held by Triton or its suppliers.

The software is licensed for use on this specific Triton ATM product and may not be used on any other product. Otherwise, the supporting documentation, if any, may be copied only as essential for backup or archive purposes in support of your use of the ATM. You must reproduce and include all copyright notices and any other proprietary rights notices appearing on any copies that you make.

ASSIGNMENT: NO REVERSE ENGINEERING: You may transfer the ATM Software to another party but only in connection with a transfer of all your right, title and interest in and to this ATM and if such party accepts the terms and conditions of this License Agreement. If you transfer the ATM, you must at the same time transfer the supporting documentation, if any, to the same party or destroy any such materials not transferred. Modification, reverse engineering, reverse compiling, or disassembly of the ATM and/or the ATM Software is expressly prohibited.
DISCLAIMER OF WARRANTIES AND LIMITATION OF DAMAGES

TO THE EXTENT PERMITTED BY LAW, THIS ATM SOFTWARE, INCLUDING ALL INCORPORATED THIRD PARTY SOFTWARE, AND DERIVATIVES IS PROVIDED, “AS IS”. TRITON MAKES NO REPRESENTATIONS WITH RESPECT TO, AND DOES NOT WARRANT THE PERFORMANCE OR RESULTS YOU OR YOUR CUSTOMERS MAY OBTAIN BY USING THE ATM. TRITON SPECIFICALLY DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION, WARRANTIES OF QUALITY, PERFORMANCE, NONINFRINGEMENT, AND MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

TRITON MAKES NO REPRESENTATIONS OR WARRANTIES AND ASSUMES NO OBLIGATIONS TO YOU OR YOUR CUSTOMERS WITH RESPECT TO ANY TRANSACTION OR SERVICES ACCESSED AND/OR UTILIZED IN CONSUMER-INITIATED TRANSACTIONS MADE FROM THIS ATM. IN NO EVENT WILL TRITON, ITS AFFILIATES, DIRECTORS, OFFICERS, EMPLOYEES, AGENTS OR SUPPLIERS BE LIABLE TO YOU UNDER ANY THEORY OF TORT, CONTRACT, STRICT LIABILITY OR OTHER LEGAL OR EQUITABLE THEORY FOR ANY PUNITIVE, CONSEQUENTIAL, INCIDENTAL, SPECIAL OR SIMILAR DAMAGES, INCLUDING ANY LOSS PROFITS OR LOST SAVINGS, EVEN IF A TRITON AGENT OR REPRESENTATIVE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, OR FOR ANY CLAIM BY ANY THIRD PARTY.

YOUR SOLE REMEDY AGAINST TRITON FOR DEFECTIVE PERFORMANCE OF THE ATM SOFTWARE WILL BE LIMITED EXCLUSIVELY TO REPAIR OR REPLACEMENT OF THE ATM AND/OR THE ATM SOFTWARE, AT TRITON’S SOLE DISCRETION.

Any warranty pertaining to the ATM, its mechanical components exclusive of the ATM software, shall be governed and controlled by any warranty given to you by Triton in a separate document accompanying this ATM.

The foregoing limitation of liability and exclusion of certain damages will apply regardless of the success or effectiveness of other remedies.

GOVERNING LAW: This License Agreement shall be governed by the laws of the State of Mississippi and by the laws of the United States, excluding their conflicts of laws principles.

SEVERABILITY: In the event any provision of this License Agreement is found to be invalid, illegal or unenforceable, the validity, legality and enforceability of any of the remaining provisions shall not in any way be affected or impaired.

ENTIRE AGREEMENT: This License Agreement and the accompanying Limited Warranty set forth the entire agreement between you and Triton, supersedes all prior agreements, whether written or oral, with respect to the ATM Software, and may be amended only in writing signed by both parties.
DISCLAIMER

The manufacturer of the Automated Teller Machine (ATM) product(s) described herein makes no representa-
tions or warranties, either expressed or implied, by or with respect to anything in this manual, and shall not be
liable for any implied warranties of fitness for a particular purpose or for any indirect, special, or consequential
damages. Information in this document is subject to change without notice and does not represent a commit-
ment on the part of the manufacturer.

** CAUTION **

Changes or modifications not expressly ap-
proved by Triton Systems could void the regu-
larly compliance approval and the warranty.
Use of this product in a manner other than
those described in this manual may result in
personal injury!

EMISSIONS (EMI)
(US Requirements)

This device complies with Part 15 of the FCC
rules. Operation is subject to the following two
(2)conditions:
1) This device may not cause harmful interfer-
ence.
2) This device must accept any interference
received, including interference that may cause
undesired operation.

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 harm-
ful interference in which case the user will be required to correct the interference at his own expense. 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.

CANADIAN 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. This Class A digital
apparatus complies with Canadian ICES-003.

Le present appareil numerique n'emet pas de bruits radioelectriques depassant les limites applicables aux appa-
reilsnumeriques de la Class A prescrites dans le Reglement sur le brouillage radioelectrique edicte par le minis-
tere desCommunications du Canada. Cet appareil numerique de la classe A est conforme a la norme NMB-003
Canada.

UK / AUSTRALIA / SOUTH AFRICA REQUIREMENTS

Warning:
This is a Class A product. In a domestic environment, this product may cause radio interference in which case
the user may be required to take adequate measures.
Manufacturer warrants that the Products delivered to Distributor will perform in accordance with the Manufacturer’s published specifications, and as outlined in the Manufacturer’s booklet entitled “Thirteen Months Parts Only Limited Warranty” for thirteen months from date of shipment in Long Beach, MS. Distributor acknowledges that it has received a copy of such booklet, that it has read its entirety and that it understands and agrees with its contents.

Manufacturer’s warranty shall not apply to any damage resulting from abuse, negligence, accident, or to any loss or damage to the products while in transit.

Written notice and explanation of circumstances surrounding any claims that the goods have proved defective in material or workmanship shall be given promptly from the distributor to the manufacturer. No claim may be made, or action brought, by or through a distributor after the expiration of 14 months following any alleged breach of warranty.

DISTRIBUTOR'S SOLE AND EXCLUSIVE REMEDY IN THE EVENT OF DEFECT IS EXPRESSLY LIMITED TO THE REPLACEMENT OR CORRECTION OF SUCH DEFECTIVE PARTS BY MANUFACTURER AT ITS ELECTION AND SOLE EXPENSE, EXCEPT THERE SHALL BE NO OBLIGATION TO REPLACE OR REPAIR ITEMS WHICH, BY THEIR NATURE, ARE EXPENDABLE. If Manufacturer is unable to replace or repair the defective parts, Manufacturer shall refund to Distributor that portion of the purchase price allocable pays to such goods.

No representation or other affirmation of fact not set forth herein, including but not limited to statements regarding capacity, suitability for use, or performance of the goods, shall be or be deemed to be a warranty or representation by Manufacturer for any purpose, nor give rise to any liability or obligation of Manufacturer whatever.

EXCEPT AS SPECIFICALLY PROVIDED IN THIS DOCUMENT, THERE ARE NO OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURCHASE.

LIMITATION OF LIABILITY

IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR LOSS OF PROFITS OR INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER SIMILAR DAMAGES ARISING OUT OF ANY BREACH OF THIS CONTRACT OR OBLIGATIONS UNDER THIS CONTRACT.
DEFENSE OF INFRINGEMENT CLAIMS

If notified promptly in writing of any action (and all prior claims relating to such action) brought against the Distributor based on a claim that Distributor’s use of the goods infringes a patent or other intellectual property right, and if given access by Distributor to any information distributor has regarding such alleged infringement, Manufacturer agrees to defend Distributor in such action at its expense and will pay any costs or damages finally awarded against Distributor in any such action, provided the Manufacturer shall have had sole control of the defense of any such action and all negotiations for its settlement or compromise.

In the event that a final injunction shall be obtained against the Distributor’s use of the goods or any of their parts by reason of infringement of a patent or other intellectual property right or if in Manufacturer’s opinion the goods are likely to become the subject of a claim of infringement of a patent or other intellectual property right, Manufacturer will, at its option and at its expense, either procure for the Distributor the right to continue using the goods, replace or modify the same so they become non-infringing or grant the Distributor a credit for such goods as depreciated and accept their return. The depreciation shall be an equal amount per year over the lifetime of the goods as established by Manufacturer.

Manufacturer shall not have any liability to the Distributor under any provision of this clause if any infringement, or claim thereof, is based upon: (i) the use of the goods in combination with other goods or devices which are not made by Manufacturer; (ii) the use of the goods in practicing any process; (iii) the furnishing to the Distributor of any information, date, service, or applications assistance; or (iv) the use of the goods with modifications made by the Distributor. The Distributor shall hold Manufacturer harmless against any expense, judgment or loss for infringement of any patent or other intellectual property right which results from Manufacturer’s compliance with the Distributor’s designs, specifications or instructions. No costs or expenses shall be incurred for the account of Manufacturer without the written consent of Manufacturer. THE FOREGOING STATES THE ENTIRE LIABILITY OF MANUFACTURER WITH RESPECT TO INFRINGEMENT OF PATENTS OR OTHER INTELLECTUAL PROPERTY RIGHT BY THE GOODS OR ANY PART THEREOF, OR BY THEIR OPERATION.
This writing is intended by the parties as final expression of their agreement and is intended also as a complete and exclusive statement of the terms of their agreement. No course of prior dealing between the parties and no usage of the trade shall be relevant to supplement or explain any term used in these terms and conditions. Acceptance or acquiescence in a course of performance rendered under these terms and conditions shall not be relevant to determine the meaning of these terms and conditions even though the accepting or acquiescing party has knowledge of the performance and opportunity for objection. Whenever a term defined by the Uniform Commercial Code, as adopted in Mississippi, is used in these terms and conditions, the definition contained in the code is to control.

MODIFICATIONS
These terms and conditions can be modified or rescinded only by writing signed by both the parties or their duly authorized agents.

WAIVER INEFFECTIVE
No claim or right arising out of or relating to a breach of these terms and conditions can be discharged in whole or in part by a waiver or renunciation of the claim or right unless the waiver or renunciation is supported by consideration and is in writing signed by the aggrieved party. Waiver by either Manufacturer or Distributor of a breach by the other of any provision of these terms and conditions shall not be deemed a waiver of future compliance there with, and such provisions shall remain in full force and effect.

STATUTE OF LIMITATIONS
Any action by the Distributor or Manufacturer for breach of these terms and conditions must be commenced within one (1) year after the cause of action has accrued.

APPLICABLE LAW
These terms and conditions shall be governed by and construed in accordance with the provisions of the Uniform Commercial Code as adopted by the State of Mississippi.

BANKRUPTCY
In the event of any proceedings, voluntary or involuntary, in bankruptcy or insolvency by or against Distributor, or in the event of the appointment, with or without the Distributor’s consent, of an assignee for the benefit of creditors or of a receiver or of a liquidator, then Manufacturer shall be entitled to cancel any unfilled part of these terms and conditions without any liability whatsoever.

PARTS ONLY LIMITED MANUFACTURER’S WARRANTY
Triton Systems of Delaware, LLC. warrants the components of each ATM, excluding software and related documentation, against any defect in materials and/or workmanship for a period of 13 months from the shipping date. 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 components 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.
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.

CONTACT INFORMATION
Triton Systems of Delaware, LLC.
21405 B Street
Long Beach, MS 39560

SALES:
1 (800) 259-6672
1 (228) 575-3100
(Fax) 1 (228) 868-9445

SERVICE:
1 (800) 259-6672 (Technical Support)
1 (228) 575-3101 Fax (Technical Support)