



Model FT5000 (X2)

QUICK REFERENCE GUIDE



**THIS AREA FOR SERVICE PROVIDER
CONTACT INFORMATION:**

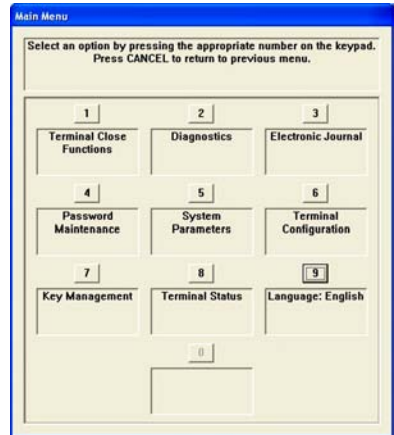
MANAGEMENT FUNCTIONS

- ACCESS INSTRUCTIONS -

1. AT ATM WELCOME SCREEN, PRESS AND HOLD DOWN THE <CTRL> KEY (LOWER-RIGHT CORNER OF KEYPAD), PRESS <1> KEY, THEN RELEASE BOTH KEYS. THE PASSWORD ACCESS PROMPT IS DISPLAYED.



2. ENTER PASSWORD AND SELECT <ENTER>. THE MANAGEMENT FUNCTIONS MAIN MENU IS DISPLAYED.

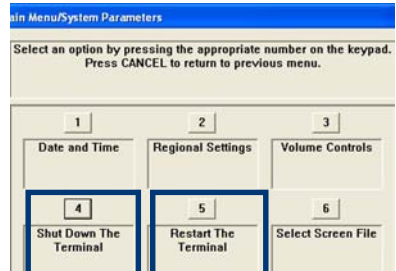


RESTART / SHUTDOWN TERMINAL

FOLLOW ACCESS INSTRUCTIONS TO ENTER MANAGEMENT FUNCTIONS. SELECT SYSTEM PARAMETERS.

RESTART TERMINAL: THIS FUNCTION REBOOTS THE TERMINAL.

SHUTDOWN TERMINAL: THIS FUNCTION POWERS-DOWN THE TERMINALS OPERATING SYSTEM. WHEN PROMPTED THAT SHUTDOWN IS COMPLETE, TURN ON/OFF SWITCH ON POWER SUPPLY TO <OFF> POSITION.

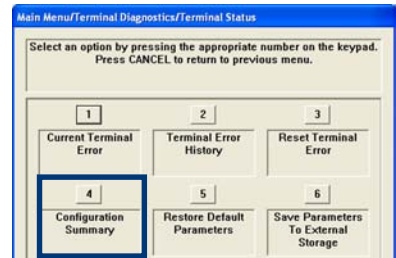


TERMINAL CONFIGURATION REPORT

FOLLOW ACCESS INSTRUCTIONS TO ENTER MANAGEMENT FUNCTIONS. SELECT DIAGNOSTICS > TERMINAL STATUS.

CONFIGURATION SUMMARY: THIS SUMMARY IS A COMPREHENSIVE REPORT OF CURRENT TERMINAL CONFIGURATION AND HARDWARE STATUS INFORMATION.

NOTE: IT IS HIGHLY RECOMMENDED THAT THIS REPORT BE PRINTED AND SAVED AFTER INITIAL SETUP AND WHENEVER CHANGES ARE MADE TO THE TERMINALS CONFIGURATION.

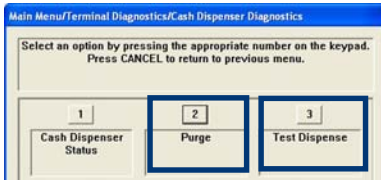


DIAGNOSTICS

FOLLOW ACCESS INSTRUCTIONS TO ENTER MANAGEMENT FUNCTIONS. SELECT **DIAGNOSTICS > DISPENSER**.

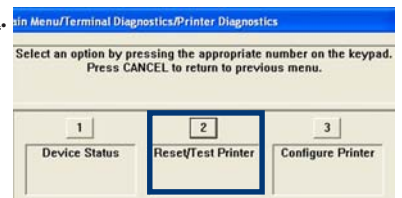
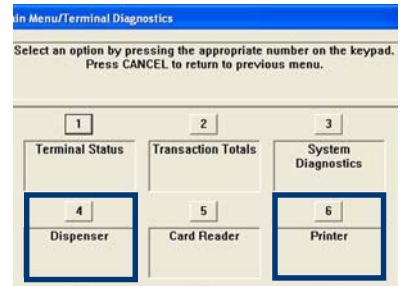
PURGE: THIS INSTRUCTS THE DISPENSER TO REMOVE ANY NOTES (JAMS) IN FEED PATH.

TEST DISPENSE: THIS INSTRUCTS THE DISPENSER TO DISPENSE *MINIMUM* ONE NOTE FROM EACH INSTALLED CASSETTE INTO THE REJECT CASSETTE/ AREA.



SELECT **DIAGNOSTICS > PRINTER**.

RESET / TEST PRINTER: THIS INSTRUCTS THE PRINTER TO RE-INITIALIZE AND PERFORM A TEST PRINT-OUT.

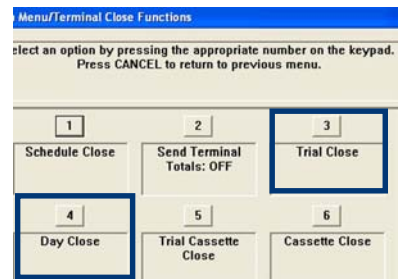


CLOSE FUNCTIONS

FOLLOW ACCESS INSTRUCTIONS TO ENTER MANAGEMENT FUNCTIONS. SELECT **TERMINAL CLOSE FUNCTIONS**.

DAY CLOSE: THIS OPTION IS USED TO COMPLETE DAILY BALANCING OF THE ATM WITH THE PROCESSOR. TOTALS ARE CLEARED AND SWITCHED TO THE NEXT BUSINESS DAY.

TRIAL CLOSE: THIS OPTION FUNCTIONS LIKE A DAY CLOSE EXCEPT THE TOTALS ARE NOT CLEARED.

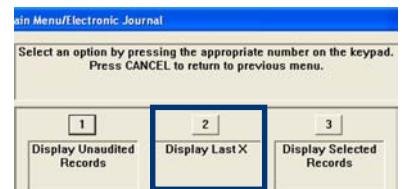


JOURNAL FUNCTIONS

FOLLOW ACCESS INSTRUCTIONS TO ENTER MANAGEMENT FUNCTIONS. SELECT **JOURNAL**.

PRINT LAST X: TO VIEW/PRINT PREVIOUSLY AUDITED OR UNAUDITED RECORDS, USE THE **PRINT LAST X** OPTION.

EXAMPLE: ENTERING THE NUMBER '50' WILL LET YOU VIEW THE LAST 50 TRANSACTIONS/EVENTS THAT HAVE OCCURRED. YOU MAY PRINT TO THE RECEIPT PRINTER.



CASSETTE CLOSE FUNCTIONS (FRONT DISPLAY)

FOLLOW ACCESS INSTRUCTIONS TO ENTER MANAGEMENT FUNCTIONS. SELECT **TERMINAL CLOSE FUNCTIONS**. SELECT **CASSETTE CLOSE**.

1	2	3	4
<input checked="" type="checkbox"/> Cassette A	\$10.00	Cash	
<input type="checkbox"/> Cassette B	\$0.00	Cash	
<input type="checkbox"/> Cassette C	\$0.00	Cash	
<input type="checkbox"/> Cassette D	\$0.00	Cash	

- 2** A CLOSE REPORT IS DISPLAYED TO BE PRINTED OR SAVED. THIS OPERATION WILL RESET THE NUMBER OF BILLS IN THE CASSETTE(S) TO ZERO (0). PRESS <ENTER>.

```

Store Message
Terminal ID: RL5000
6/19/2003 1:44:11 AM

*** Cassette Close ***
Cassette A
Last Close Date/Time: 6/18/2003 3:14:33 PM

      Qty  Amount
Start Quantity: 200  $2,000.00
Dispensed:      1   $10.00
Remaining:     199  $1,990.00

Value of each doc: $10.00
Rejects: 0 (1 or more docs)
    
```

- 3** REMOVE AND REPLENISH THE SELECTED CASSETTE(S).

PROCEDURES FOR THE NMD-100 CASSETTE REPLENISHMENT ARE ON PAGE 7.

NOTE: FOR AN NMD-50/100 DISPENSER INSTALLED, WAIT FOR THE CASSETTES TO UNLOCK (THIS IS DONE AUTOMATICALLY).

- 4** AFTER CASSETTE(S) HAVE BEEN REINSERTED IN THE DISPENSER, PRESS <ENTER>.

NOTE: FOR AN NMD-50/100 INSTALLED, WAIT FOR THE CASSETTES TO LOCK (THIS IS DONE AUTOMATICALLY). PRESS <ENTER> IF APPLICABLE.

- 5** PLACE SELECTED CASSETTE(S) **IN SERVICE**. PRESS <ENTER>. **NOTE: THE NMD-50/100 CASSETTES MUST BE LOCKED AND IN SERVICE FOR NORMAL OPERATION.**

<input checked="" type="checkbox"/> Cassette A	\$10.00	Cash	
<input checked="" type="checkbox"/> Cassette B	\$20.00	Cash	
<input checked="" type="checkbox"/> Cassette C	\$20.00	Cash	
<input checked="" type="checkbox"/> Cassette D	\$0.00	Cash	

- 6** ENTER CASSETTE QUANTITY (NUMBER OF NOTES, **NOT VALUE**) FOR THE SELECTED CASSETTE(S). PRESS <ENTER> TO ACCEPT ENTRY. REPEAT FOR EACH SELECTED CASSETTE.

- 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.**

CASSETTE CLOSE FUNCTIONS (REAR SERVICE PANEL)

THE CASSETTE CLOSE FUNCTIONS OPERATE THE SAME AS THE FRONT DISPLAY SEQUENCE.

FROM THE REAR SERVICE PANEL:

➡ **PRESS <ENTER> FROM THE RSP KEYPAD. WHEN PROMPTED, ENTER YOUR MANAGEMENT FUNCTION PASSWORD. THE MAIN MENU OPTIONS ARE DISPLAYED.**



Press **ENTER** to begin.

Status: **IDLE**

Please enter your password to access the Management Functions.

ENTER

MAIN MENU

- | | | | |
|---|---|---|---|
| <ol style="list-style-type: none"> 1. TERMINAL CLOSE <ol style="list-style-type: none"> 1. TRIAL CLOSE 2. DAY CLOSE 3. TRIAL CASSETTE CLOSE 4. CASSETTE CLOSE 2. DIAGNOSTICS <ol style="list-style-type: none"> 1. CURRENT TERMINAL ERROR 2. DISPENSER 3. CARD READER STATUS 4. PRINTER 5. MODEM / ETHERNET 6. KEYPAD 3. ELECTRONIC JOURNAL <table border="0" style="width: 100%; margin-left: 20px;"> <tr> <td style="width: 50%;"> <ol style="list-style-type: none"> 1. DISPLAY UNAUDITED RECORDS 2. DISPLAY LAST X </td> <td style="width: 50%;"> <ol style="list-style-type: none"> 3. CLEAR JOURNAL 4. JOURNAL PROPERTIES </td> </tr> </table> 4. RESET TERMINAL ERROR 5. SHUT DOWN THE TERMINAL 6. RESTART THE TERMINAL | <ol style="list-style-type: none"> 1. DISPLAY UNAUDITED RECORDS 2. DISPLAY LAST X | <ol style="list-style-type: none"> 3. CLEAR JOURNAL 4. JOURNAL PROPERTIES | <p style="margin: 0;">SELECT CASSETTE(S) TO CLOSE</p> <p style="margin: 0;">CLOSE REPORT</p> <p style="margin: 0;">REMOVE/REPLENISH CASSETTE(S)</p> <p style="margin: 0;">REINSTALL CASSETTE(S)</p> <p style="margin: 0;">PLACE CASSETTE(S) IN-SERVICE</p> <p style="margin: 0;">ENTER CASSETTE QUANTITY</p> <p style="margin: 0;">TRIAL CASSETTE CLOSE REPORT</p> |
| <ol style="list-style-type: none"> 1. DISPLAY UNAUDITED RECORDS 2. DISPLAY LAST X | <ol style="list-style-type: none"> 3. CLEAR JOURNAL 4. JOURNAL PROPERTIES | | |

CASSETTE CLOSE FUNCTIONS (REAR OPERATOR PANEL - TOUCHSCREEN)

① PRESS TO START.

Press here to start

Status: Error 0

② ENTER PASSWORD.

Please enter your password to access the Management Functions.

1	2	3	Cancel
4	5	6	Change
7	8	9	OK
<	0	>	Exit

③ SELECT "TERMINAL CLOSE FUNCTIONS".

Main Menu

Terminal Close Function	Restart The Terminal
Diagnostics	
Electronic Journal	
Reset Terminal Error	
Shut Down The Error	Exit

④ SELECT "CASSETTE CLOSE".

Terminal Close Functions

Trial Close
Day Close
Trial Day Close
Cassette Close

Exit

⑤ CLOSE CASSETTE(S) - TOUCH CASSETTE OPTIONS ON TOUCHPAD UNTIL "ASTERICK" APPEARS. SELECT "CONTINUE".

Select the cassettes to close.
WARNING: Cassette totals will be reset for the selected cassettes

* Cassette A: \$10.00
* Cassette B: \$20.00

Continue

Exit

⑥ CASSETTE CLOSE REPORT APPEARS. PRINT REPORT. PRESS "EXIT" WHEN COMPLETED.

*** Cassette Close ***

Cassette A

Last Close Date/Time:
6/4/2007 7:49:39 AM

Start Quantity:
Qty: 200
Amount: \$2000.00

Dispensed:
Qty: 50
Amount: \$500.00

Remaining:
Qty: 150
Amount: \$1500.00

⑦ REMOVE /REPLENISH CASSETTE(S). PRESS "ENTER".

You may now remove and replenish the cassettes. Press ENTER when done.

Enter

⑧ PLACE CASSETTES "IN-SERVICE". TOUCH CASSETTE OPTIONS ON TOUCHPAD UNTIL "ASTERICK" APPEARS. SELECT "CONTINUE".

Select the cassettes to place in service.

* Cassette A: \$10.00
* Cassette B: \$20.00

Continue

Exit

⑨ ENTER CASSETTE QTY (EACH). PRESS "OK".

Cassette Quantity - Cassette A:
Please enter the number of bills that are in the cassette (not the value).

200

1	2	3	CANCEL
4	5	6	CHANGE
7	8	9	OK
<	0	>	

⑩ TRIAL CASSETTE CLOSE REPORT APPEARS. PRINT REPORT. PRESS "EXIT" WHEN COMPLETED.

*** Trial Cassette Close ***

Cassette A


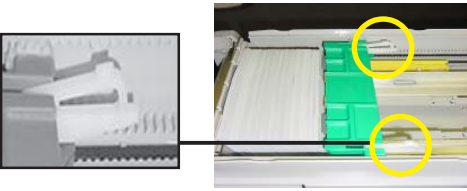

Last Close Date/Time:
6/4/2007 7:55:39 AM

Start Quantity:
Qty: 200
Amount: \$2000.00

Dispensed:
Qty: 0
Amount: \$00.00

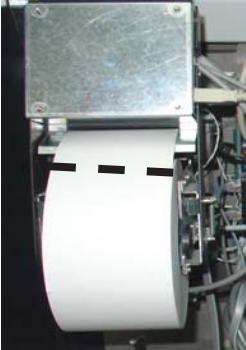
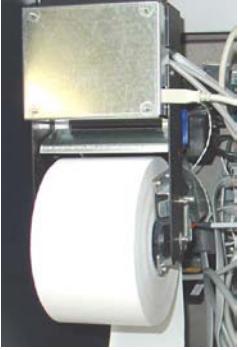
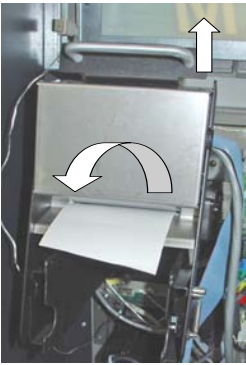

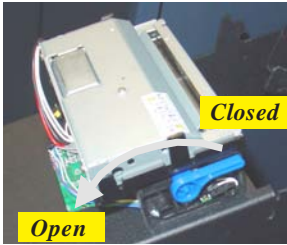
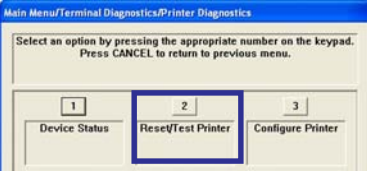
Remaining:
Qty: 200
Amount: \$2000.00

REPLENISH NMD-100 CASSETTE(S)

STEP	ACTION	STEP	ACTION
1	<p>UNLOCK/OPEN DISPENSER SECURITY DOOR. GRASP CASSETTE HANDLE WITH ONE HAND WHILE HOLDING MECHANISM WITH THE OTHER. PULL CASSETTE OUT SLIGHTLY, THEN PLACE ONE HAND UNDERNEATH. REMOVE CASSETTE.</p>		
		5	<p>PLACE CURRENCY IN THE CASSETTE AND LEVEL NOTE PILE. MOVE PACKER PLATE WITH ENOUGH PRESSURE TO HOLD THE NOTES.</p>
			
2	<p>PLACE CASSETTE ON A LEVEL SURFACE. INSERT CASSETTE KEY INTO THE CASSETTE LOCK AND TURN "CLOCKWISE". PRESS "GREEN" RELEASE BUTTON TO RAISE LID.</p>	6	<p>EXTEND THE "PAWLS" ON PACKER PLATE FULLY. CLOSE LID AND INSTALL IN DISPENSER.</p>
			
3	<p>PUSH PACKER PLATE TOWARDS THE CASSETTE HANDLE. PLATE SHOULD STAY IN PLACE.</p>	7	<p>CLOSE CASSETTE LID TO ITS LOCKED POSITION. THE GREEN RELEASE BUTTON SHOULD "POP" OUT. TURN KEY "COUNTERCLOCKWISE" TO LOCK CASSETTE. SLIDE CASSETTE INTO ITS SLOT IN THE MECHANISM.</p>
			
4	<p>COUNT THE NUMBER OF BILLS THAT REMAIN IN THE CASSETTE, IF ANY.</p> <p>COUNT THE NUMBER OF BILLS THAT ARE BEING ADDED TO THE REMAINING NOTES.</p> <p>THE TOTAL OF THESE AMOUNTS WILL BE ENTERED IN THE "ENTER CASSETTE QUANTITY" PROMPT FOR CASSETTE CLOSE PROCEDURE.</p>	8	<p>REMOVE THE REJECT CASSETTE. PLACE ON LEVEL SURFACE. INSERT KEY INTO LOCK AND TURN "CLOCKWISE". PRESS GREEN RELEASE BUTTON TO RAISE LID.</p>
			
		9	<p>REMOVE ANY REJECTED NOTES - BOTH SINGLE AND BUNDLED AREAS. FOLLOW LOCKING PROCEDURES FROM STEP 7 AND SLIDE CASSETTE BACK INTO MECHANISM.</p>

REPLENISH RECEIPT PAPER

NOTE: THIS PROCEDURE REQUIRES TERMINAL IS POWERED UP.

STEP	ACTION		STEP	ACTION	
1	<p>OPEN THE REAR CABINET SLEEVE DOOR. IF PAPER REMAINS ON ROLL, CUT OR TEAR PAPER BETWEEN ROLL AND PRINTER.</p> <p>REMOVE SPENT PAPER ROLL AND SPINDLE FROM PAPER BRACKET.</p>		4	<p>INSTALL NEW PAPER ROLL/ SPINDLE IN BRACKET.</p> <p>PAPER FEEDS FROM <i>TOP</i> OF ROLL!</p>	
2	<p>PULL RELEASE HANDLE <i>UP</i> AND ROTATE PRINTER ASSEMBLY DOWN.</p>		5	<p>FEED END OF PAPER INTO PRINTER TAKE-UP SLOT. PRINTER WILL AUTOMATICALLY GRIP AND PULL PAPER INTO FEED PATH.</p>	
3	<p>RELEASE (OPEN) THE BLUE TENSION LEVER SHOWN. REMOVE ANY PAPER FROM THE PRINTER/CUTTER ASSEMBLY.</p> <p>MOVE THE TENSION LEVER BACK TO THE <u>CLOSED</u> POSITION. ROTATE UP THE PRINTER ASSEMBLY.</p>		6	<p>RECOMMEND PERFORM A <u>DIAGNOSTIC TEST</u> OF THE PRINTER. GO TO <u>MAIN MENU > DIAGNOSTICS > PRINTER > RESET/TEST PRINTER</u>. THIS FUNCTION RE-INITIALIZES AND PERFORMS AN OPERATIONAL TEST OF THE PRINTER.</p>	

COMMON ERROR CODES

ERROR CODE	MEANING	RECOMMENDATIONS
302 306	FEED FAILURE	<ol style="list-style-type: none"> 1. REMOVE AND OPEN CASSETTE(S). IF THERE IS CURRENCY IN CASSETTE, GO TO STEP 2. IF NOT, LOAD CURRENCY AND PROCEED TO STEP 3. 2. IS CURRENCY OF GOOD QUALITY? IF YES, GO TO STEP 4. IF NOT, OBTAIN QUALITY CURRENCY. PROCEED TO STEP 4. 3. SHUFFLE CURRENCY AND REPACK CASSETTE. 4. RE-INSERT CASSETTE USING REPLENISHING CASSETTE PROCEDURES. 5. PERFORM A TEST DISPENSE (DIAGNOSTICS>DISPENSER>TEST DISPENSE). IF SUCCESSFUL, PLACE ATM IN SERVICE.
139 140 141	PRINTER CONTROL- LER NOT RESPONDING TIME-OUT WAITING FOR PRINTER TO BE READY PAPER JAM REPORTED	<ol style="list-style-type: none"> 1. VERIFY THAT THERE IS PAPER IN THE PRINTER. REPLENISH PAPER AS NEEDED. 2. PULL THE PRINTER RELEASE PIN. OPEN THE PRINTER/CUTTER ASSEMBLY AND VERIFY THERE ARE NO JAMS IN THE PRINTER OR THE PAPER PATH. VERIFY THE BLUE LEVER ON THE RIGHT SIDE OF THE PRINTER IS IN THE CORRECT POSITION. CLOSE THE PRINTER/CUTTER ASSEMBLY. 3. PERFORM A RESET/TEST PRINTER (DIAGNOSTICS>PRINTER>RESET/TEST PRINTER) COMMAND. IF SUCCESSFUL, PLACE ATM IN SERVICE.
156	CASSETTE OUT OF SERVICE	<ol style="list-style-type: none"> 1. THIS OCCURS WHEN THE LAST AVAILABLE CASSETTE DISPENSING CURRENCY HAS BEEN TAKEN OUT OF SERVICE. CASSETTES ARE (TYPICALLY) TAKEN OUT OF SERVICE BECAUSE OF FEED FAILURES OR EXCESSIVE REJECTS. 2. INSPECT CASSETTES. FILL IF NEEDED. IF THEY ARE NOT EMPTY, SEE RECOMMENDED ACTION FOR “FEED FAILURE” (ABOVE). 3. PLACE CASSETTES “IN-SERVICE” FROM MANAGEMENT FUNCTIONS MENU.
185 to 190	TERMINAL CONFIGURATION ERRORS	ENTER MANAGEMENT FUNCTIONS AND CHECK/CONFIGURE: - TELEPHONE NUMBER (EC 185), CURRENCY VALUES (EC 186), MAXIMUM WITHDRAWAL AMOUNT (EC 187), PIN WORKING KEYS (EC 188), TERMINAL ID (EC 189), PIN MASTER KEY (EC 190).
194	CASSETTES NOT LOCKED	(NMD-50/100 ONLY) LOCK THE CASSETTES FROM MANAGEMENT FUNCTIONS MENU.

COMBINATION LOCKS

INTRODUCTION

THE SECURITY CABINET CAN BE SECURED USING AN ELECTRONIC COMBINATION LOCK. THESE PAGES COVER HOW TO OPERATE THE COMBINATION OF EITHER ELECTRONIC LOCK OFFERED.

OPERATING THE ELECTRONIC LOCK

THE ELECTRONIC LOCK COMBINATION CONSISTS OF SIX DIGITS. UPON ARRIVAL, THE COMBINATION OF THE LOCK SHOULD ALREADY BE PRESET TO *1-2-3-4-5-6*. NOTE: CHANGE THIS COMBINATION! SEE USER MANUAL FOR CHANGING COMBINATIONS PROCEDURES.



ENTERING THE COMBINATION

1. ENTER THE CURRENT 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. WHEN A VALID COMBINATION HAS BEEN ENTERED, THE OPERATOR WILL HAVE APPROXIMATELY *4 SECONDS* TO OPEN THE LOCK.
3. TO OPEN THE LOCK, TURN THE *DIAL* CLOCKWISE.
4. AFTER THE LOCK IS OPENED, THE CABINET DOOR MAY BE OPENED.

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.

EACH LOCK IS SHIPPED FROM THE FACTORY IN *SHELVED MODE*, OPERATING ON A STANDARD COMBINATION (*50-25-50*).

NOTE: CHANGE THIS COMBINATION! SEE USER MANUAL FOR CHANGING COMBINATION PROCEDURES.

ENTERING THE COMBINATION

1. TURN THE DIAL LEFT (CCW) UNTIL THE LETTERS "EC" (ENTER COMBINATION) APPEAR ON THE LCD.
2. ENTER THE CURRENT COMBINATION BY SEQUENTIALLY PRESSING THOSE SIX (6) BUTTONS. (EX: 33-44-55) THE LCD WILL DISPLAY THESE NUMBERS AS THEY ARE ENTERED.
3. WHEN THE COMBINATION HAS BEEN CORRECTLY ENTERED, THE LCD WILL READ "OPR", MEANING "OPEN RIGHT". TURN THE DIAL RIGHT (CW) UNTIL IT STOPS. THE LOCKS BOLT IS NOW RETRACTED AND THE LOCK IS OPEN.
4. AFTER THE LOCK IS OPENED, THE CABINET DOOR MAY BE OPENED.

