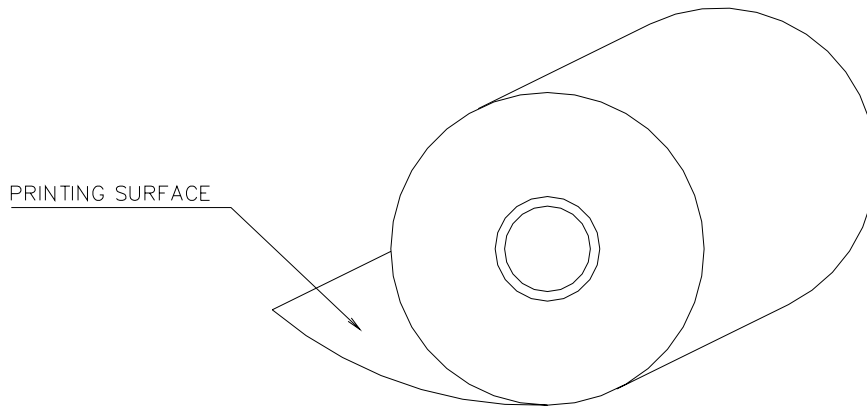
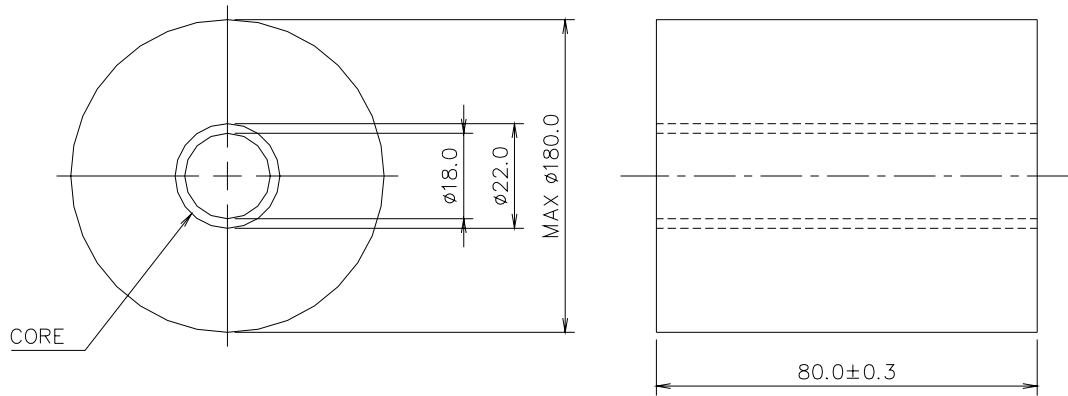


## 7. Appendix

# 7. Appendix

## A. RECEIPT PAPER SPECIFICATIONS



- All measurements are in mm.

## B. Note Conditions

### Acceptable Conditions

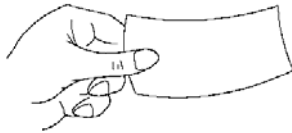
- Bill which is very clean and can readily be recognized as a true bill



- Bill have sufficient life or sizing to be handled easily



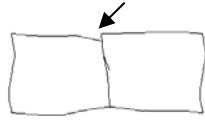
- Bill which can be manually held straightly when one end is held by a hand and the bill is slightly curved vertically



## Unacceptable Conditions

- Bill having serious wrinkles, torn or broken section wherein paper fiber is broken and separation begins

- Wrinkle



- Torn



- Broken section



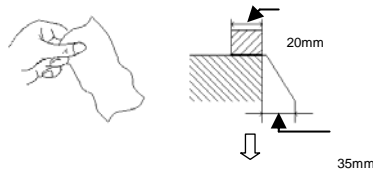
- Bill having adequate life or sizing, but stained seriously



- Bill with holes (Perforated bill)

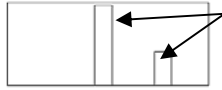


- Bill ragged and cannot be held straightly when one end is supported by a hand



When the bill is held by 20mm and the straightness of the bill is 35mm or less, it cannot be used

- Bill with cellophane tape scotch tape, etc



- Bill with folds



- Bill with folded lines

- Case 1



- Case 2

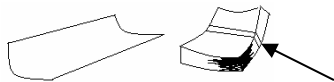


- Case 3



Bill distortion should not exceed 10 mm  
"H" : Height

- Gradually curved bill (bills tied by hand seal, etc)



## C. OPERATING & CHANGING THE ELECTRONIC COMBINATION LOCK

### USER CODE

- Open Lock
- Change Code

### WRONG TRY PENALTY

- Four (4) consecutive invalid codes initiates five minute delay period.

### LOW BATTERY WARNING

- Repeated audio and visual signal (LED flashing and repeated beeping) during opening indicates battery low.



### AUDIO AND VISUAL SIGNAL

- Double signal (LED flashes and unit beeps) indicates entry is valid or accepted.
- Triple signal indicates invalid or not accepted.

### OPENING THE LOCK

1. Enter valid six (6) digit code.
  2. The lock will signal a valid code entry with a double signal.
  3. Within four (4) seconds, turn handle to the open position.
  4. Pull door open.
- Invalid Code Entry - Lock will signal three (3) times.

### WRONG TRY PENALTY

- Entry of four (4) consecutive invalid codes starts a 5-minute delay period.
  - LED flashed red at five (5) second intervals.
- At the end of the delay period, two more consecutive invalid codes will restart an additional 5-minute delay period.

### CHANGING YOUR CODE

ALWAYS PERFORM THIS OPERATION WITH THE DOOR OPEN

1. Enter "zero" six times.
  2. Enter your existing six (6) digit code one time.
  3. Enter your NEW six (6) digit code two times.
  4. If a mistake is made wait thirty (30) seconds and repeat steps 1. - 3.
  5. Test lock operation several times before closing the door.
- Valid Code Entry - Double signal after valid six (6) digit code is entered.
  - Invalid Code Entry - Triple signal and old code is still valid.

**BATTERY LOW WARNING**

- Repeated beeping during an opening indicates that the battery is low and needs immediate replacement.
- Uses one (1) 9-Volt Alkaline Battery. LA GARD recommends the use of Duracell™ or Everready™ Alkaline batteries.

If battery is depleted and will not allow lock to open, simply follow instructions below.

**CHANGING YOUR BATTERY**

*Note: Some manufacturers use a small screw to secure the battery compartment cover to the keypad housing. If your model has this screw, it must be removed first before following the steps listed below.*

1. Remove black plastic battery compartment cover (located at the bottom of the keypad) by gently pulling downward on it's handle.
2. Allow the battery and it's attached leads to drop down and out of the battery compartment. If it does not drop, gently pull on the battery until it does.
3. The connector is easily removed by unsnapping it from the two terminals on the top of the battery. Never Pull on the Battery Leads
4. Connect a new 9-Volt Alkaline battery to the battery clip.
5. Push the battery and the leads completely up into the battery compartment.
6. Install the battery cover by placing one side of the cover in position and then pressing the other side into position with your finger.

**D. ERROR CODES**

ERROR CODES	ERROR DESCRIPTION	CORRECTIVE ACTION
00000	Normal Status	Normal Status
20001	Cash cassette is not properly set.	Set the cash cassette properly.
20002	Cash cassette empty.	Load the cash into the cash cassette and set the number of bills.
20003	Reject Bin full.	Empty the Reject Bin.
20004	Security Door open.	Close the Security Door.
20010	Receipt paper jam.	Clear the jammed paper.
20012	Receipt Printer feed lever open.	Close the feed lever.
20013	Receipt paper empty.	Load the receipt paper.
20014	Receipt Printer thermal head over heated.	Call your service personnel.
20015	Note detected.	Clear jammed notes or call your service personnel.
Axxx1	Receipt Printer feed lever open.	Close the feed lever.
Axxx2	Receipt Printer thermal head over heated.	Call your service personnel.
Axxx3	Receipt paper jam.	Clear the jammed paper.
Axxx4	Receipt paper empty.	Load the receipt paper.
Axxx5	Receipt paper setting error.	Clear the paper and reload.
Axxx6	Receipt Printer DIP switch error.	Call your service personnel.
Axxx7	Receipt Printer Lever Opened	Check sensor, cable connection and connector
Axxx8	Receipt Printer cutter error.	Check paper jam, or call your service personnel.
ADNxx	Receipt Printer connection failure.	If error is not recovered, call your service personnel.
C0001 ~ C002F	CDU sensor blocked.	Clear the note path or call your service personnel.
C0030	CDU main motor failure.	Call your service personnel.
C0031	CDU gate solenoid echo error.	Call your service personnel.
C0032	CDU outlet solenoid echo error.	Call your service personnel.
C0033	CDU encoder error.	Call your service personnel.
C0034	CDU double detect module failure 1	Call your service personnel.
C0035	CDU double detect module failure 2	Call your service personnel.
C0036	Note detected (outlet sensor)	Clear the note from the outlet sensor.
C0037	CDU double detect module failure 3	Call your service personnel.

ERROR CODES	ERROR DESCRIPTION	CORRECTIVE ACTION
C0040	Cash cassette taken out during dispense	Set the cash cassette properly
C0041	Dispensing error	Call your service personnel
C0042	Note jam	Clear jammed notes or call your service personnel.
C0043	Over 10 notes has been rejected per 1 transaction.	Check notes or call your service personnel.
C0044	Over 5 notes has been rejected continuously.	Check notes or call your service personnel.
C0045	Too many notes dispensed continuously.	Check notes and note set status.
C0046	CDU hardware failure	Call your service personnel.
C0047	1st Cassette Misfeed	Check notes and note set status.
C0048	Wrong count.	Check notes and note set status or Call your service personnel.
C004A	Note jam.	Call your service personnel.
C004B	Many notes too close.	Call your service personnel.
C004C	Wrong count	Check notes or note set status or call your service personnel
C004D	Cash cassette is not properly set	Set the cash cassette properly
C004E	Wrong count	Call your service personnel
C004F	Wrong count(over dispensed)	Call your service personnel
C0050	Power failed during dispensing	Check journal for last transaction
C0051	Too many notes requested	Call your service personnel
C0052	Note detected(CS1A, CS1B)	Clear jammed notes or
C0053	CDU double detect module failure 4	Call your service personnel
C0055	Long note detected(outlet sensor)	Call your service personnel
C005B	2nd Cassette Misfeed	Check notes and note set status.
C009F	3rd Cassette Misfeed	Check notes and note set status.
CDNxx	CDU connection failure.	If error is not recovered, call your service personnel.
Dxx01	Modem reset failure	Call your service personnel.
Dxx02	Reversal failure	Call your service personnel
D0011 ~ D0099	Transaction Error responded by Host	Check transaction history in Host and try again
D009A ~	Communication Error	Check phone line status Check modem

ERROR CODES	ERROR DESCRIPTION	CORRECTIVE ACTION
E0001	RMS port failure	Call your service personnel.
E0002	RMS response timeout	Call your service personnel.
E0003	RMS modem failure	Call your service personnel.
E0004	RMS no dial tone	Call your service personnel.
E0005	RMS retry over	Call your service personnel.
F0001	Number of Bill is not inputted	Input number of Bill
F0002	Surcharge Owner is not inputted in Surcharge Enable	Input Surcharge Owner
F0003	Surcharge Amount is not inputted in Surcharge Enable	Input Surcharge Amount
F0004	Refresh timer is not inputted in Advertisement Enable	Input Refresh timer
F0005	Advertisement text is not inputted in Advertisement Enable	Input Advertisement text
F0006	Error in Dispense Limit setting	Check Dispense Limit and reset
F0007	Error in inputting Note Currency	Check note currency and reset
F0008	Error in Fast Cash setting	Check Fast Cash Value and reset
F0009	Master Key Index invalid (0 <= MKEY Index <= 15)	Check Master Key and reset
F000A	Master Key Empty	Input Master Key
F000B	Host Phone Number is not inputted	Input Host Phone Number
F000C	Error Retry Timer is not inputted	Input Error Retry Timer
F000D	RMS Password is not inputted in RMS Enable	Input RMS Password
F000E	RMS Phone Number is not inputted in RMS Enable	Input RMS Phone Number
F000F	Terminal Number is not inputted	Input Terminal Number
F0010	Routing ID is not inputted	Input Routing ID
F0011	Master Key Serial Number is not inputted	Input Master Key Serial Number
F0012	Non-Cash Type text is not in/out (only MB-2100, 2200)	Input Non-Cash Type
F0013	Parameter is not properly set	Input Non-Cash Value
F0014	NVRAM Failure	Check Battery and Battery Plug Change Main Board

## E. HOW TO CLEAR NV-RAM

### Accessing the NV-RAM CLEAR

Turn on Mini Bank 1500 while pressing F6 key(upper-right 2<sup>nd</sup> key)  
After initializing, follow below pictures...



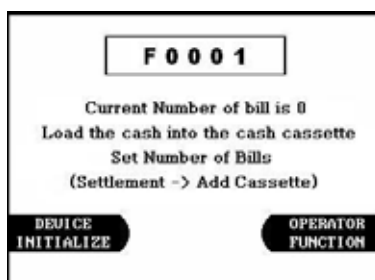
Select 'YES' in the CLEAR NVRAM MENU.



Select 'YES' in the APPLY EPP MENU.



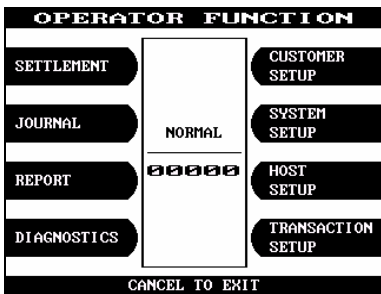
Enter the NVRAM CLEAR PASSWORD.  
If the wrong password is entered, the screen will be back to "ENTER PASSWORD" screen.  
The factory default NV-RAM Clear Password is "000321".



Select 'OPERATION FUNCTION' in the ERROR CODE of REPORT MENU.



Enter the OPERATOR PASSWORD.  
 If the wrong password is entered, the screen will be back to “ENTER PASSWORD” screen.  
 The factory default Master Password is “375876”



If the correct password is entered, the OPERATOR FUNCTION MENU will be displayed

## F. PICTURES OF MINI BANK 1500

This page is for pictures of Mini Bank 1500.

FRONT VIEW OF MINI BANK 1500 (FULL)  
REAR VIEW OF MINI BANK 1500 (FULL)  
FRONT VIEW OF MINI BANK 1500 (UPPER ONLY)  
FRONT AND REAR VIEW OF CONTROL ELECTRONICS BOARD  
FRONT AND REAR VIEW OF CARD READER  
FRONT VIEW OF VISA EPP  
LABEL OF MINI BANK 1500

## **F.1 FRONT VIEW OF MINI BANK 1500 (FULL)**



## F.2 REAR VIEW OF MINI BANK 1500 (FULL)



### F.3 FRONT VIEW OF MINI BANK 1500 (UPPER ONLY)



## F.4 FRONT AND REAR VIEW OF CONTROL ELECTRONICS BOARD



## F.5 FRONT AND REAR VIEW OF IFM



## F.6 FRONT VIEW OF VISA EPP



## F.7 LABEL OF MINI BANK 1500



### Remark

‘Mini Bank 1500’ is Brand Name and ‘HS-1430’ is Model Name.  
Don’t be confused.