

Thank you for purchasing the SHARP Electronic Cash Register Model XE-A106. Please read this manual carefully before operating your machine. Keep this manual for future reference. It will help you solve any operational problems that you may encounter.

For assistance call  
**1-800-BE-SHARP**

For Easy Set-up,  
See "Getting Started"

## Maintenance

### Batteries

This cash register provides a low battery symbol (L) and a no battery symbol (L) which appears on the far left of the display in one of the following situations:

#### Low battery symbol (L)

- When the voltage of the batteries installed in the cash register is under the required level.

#### No battery symbol (L)

- When three batteries are not installed in the cash register.
- When the batteries installed in the cash register are dead.

When either of these symbols appear, check batteries. If no batteries are installed, install three new "AA" batteries at once. If batteries are already installed, replace them with new ones as soon as possible. If the AC power cord is disconnected or a power failure occurs when the batteries are dead or not installed, all the programmed settings will be reset to the default settings and any data stored in memory will be cleared.



If the low battery symbol appears while making a transaction, complete the transaction before replacing the batteries.



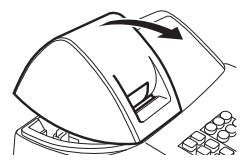
Improper use of batteries could cause them to burst or leak, which might damage the interior of the cash register. Please take the following precautions:

- Be sure that the positive (+) and negative (-) poles of each battery are oriented properly.
- Never mix batteries of different types.
- Never mix old batteries and new ones.
- Never leave dead batteries in the battery compartment.
- Remove the batteries if you plan not to use the cash register for long periods.
- Should a battery leak, clean out the battery compartment immediately, taking care not to let the battery fluid come into direct contact with your skin.
- If an incorrect battery is used, it may explode or leak.
- For battery disposal, follow the relevant law or regulation in your country.

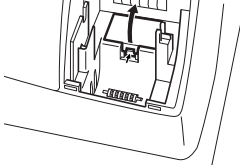
### Replacement

- Be sure the cash register is plugged in.
- Turn the mode switch to the REG position.

3. Pull the printer cover upward and detach it.

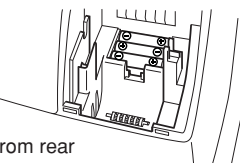


4. Open the battery cover and remove the old batteries.



View from rear

5. Install three new "AA" batteries into the battery compartment.



View from rear

6. Check that the "L" symbol has disappeared.

7. Close the battery cover.

8. Replace the printer cover.

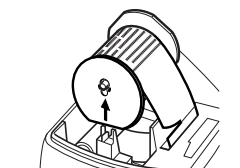
Improper use of batteries could cause them to burst or leak, which might damage the interior of the machine. See the cautions in the "Getting Started" section.

### Paper Roll

When colored dye appears on the edges of the paper roll, it is time to replace the roll. Use paper of 2 1/4" (57 mm) in width. To prevent jamming be sure to use paper specified by SHARP.

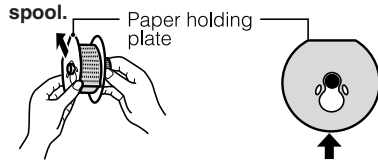
### Replacement (Journal printing)

- Turn the mode switch to the REG position.
- Open the printer cover.
- Press [F] to advance the paper by several lines and then cut the paper to remove the take-up spool from the bearing.



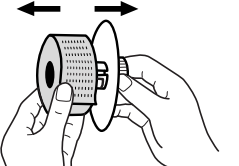
4. After cutting the existing paper, remove the paper roll. Then remove the remaining paper by pressing [F].

5. Remove the paper holding plate from the spool.



Push this part in the direction of the arrow to remove paper holding plate.

6. Remove the used journal paper roll (if used) from the take-up spool.



7. Install a new paper roll, the paper holding plate and the take-up spool according to the instructions in "Getting Started."

In the case of receipt printing, steps 3, 5 and 6 should be omitted and the paper holding plate and the take-up spool need not be installed in step 7.

### Replacing the Ink Roller

- Open the printer cover.
- Remove the ink roller by pulling it upward.



3. Install a new ink roller.



4. Close the printer cover.

## Drawer Handling

### Locking the Drawer

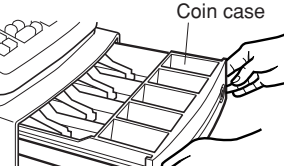
Develop the habit of locking the drawer when not using the register for any extended period of time.

- To lock:** Insert the key into the drawer lock and turn it 90 degrees counter-clockwise.
- To unlock:** Insert the key into the drawer lock and turn it 90 degrees clockwise.



### Removing the Drawer

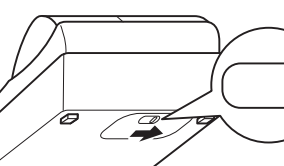
To remove the drawer, pull it out and lift it up.



- To prevent burglary, it is a good idea to empty the drawer after work and leave it open at the end of the day.
- Coin case is detachable. Also the separators of the coin case are removable.

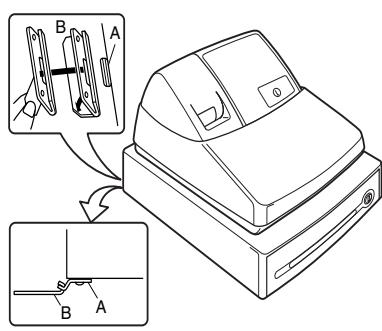
### Manually Opening the Drawer

In case of a power failure or if the machine is out of order, locate the lever at the bottom of the machine and move it in the direction of the arrow to open the drawer. The drawer will not open if it is locked with the drawer lock key.



## Installing the Mounting Bracket

A mounting bracket which prevents the register from moving accidentally is supplied with your XE-A106 register. Attach the bracket to a table where the register rests, as follows:



### How to attach the mounting bracket

- Thoroughly clean the table surface where you wish to place the bracket (B).
- Peel off the release paper of the adhesive tape on the bracket.
- Hook the bracket onto the hook (A) at the bottom of the back of the register.
- Hold down the bracket so that it firmly sticks to the table surface.

### How to release the register from the mounting bracket

Lift up the front of the register and pull it towards you.

## Before Calling for Service

If you encounter any of the following problems, please read below before calling for service.

### The display shows symbols that do not make sense.

- Has the machine been initialized properly as shown in "Getting Started"?

### The display will not illuminate while the machine is turned on. The machine will not operate when any key is pressed.

- Is the power supplied to the electrical outlet? (Plug another electrical device into the outlet for confirmation.)
- Is the power cord firmly connected to the electrical outlet?

## Specifications

### Model:

XE-A106

### Size:

Inches: 13.0 (W) x 14.3 (D) x 9.21 (H)

Millimeters: 330 (W) x 363 (D) x 234 (H)

### Weight:

Approx. 11.0 lbs. (5.0 kg)

### Power Source:

120V AC±10%, 60Hz

### Power Consumption:

Stand-by: 4 W, Operating: 12.5 W

### Working Temperature:

32 to 104°F (0 to 40°C)

### Display:

LED (Light-Emitting Diode) numeric display

### Printer:

1 station, print wheel selective type

### Printing Capacity:

Max. 13 characters

### Paper Roll:

Width: 2 1/4" ± 1/64" (57.5mm ± 0.5mm)

Max. external diameter: 3-5/32" (80mm)

Min. internal diameter: 15/32" (12mm)

### Cash Drawer:

4 slots for bills, 5 for coins

### Accessories (supplied):

- Paper roll: 1 roll
- Mode key: 1
- Drawer lock key: 1
- Instruction manual (English): 1 copy
- Instruction manual (Spanish): 1 copy
- Quick Start Guide (English): 1 copy
- Quick Start Guide (Spanish): 1 copy
- Ink roller: 1 (installed)
- Take-up spool: 1
- Paper holding plate: 1
- Mounting bracket: 1
- Specifications and appearance are subject to change without notice for improvement.

### The display is illuminated, but the machine will not accept key entries.

- Is the mode switch properly set to the REG position?
- Has the machine been initialized properly as shown in "Getting Started"?

### Journal paper will not feed properly in the printer.

- Is the take-up spool installed properly?
- Is there a paper jam?
- Is the journal format selected in the printing format programming? (If the receipt format is selected, the paper is not wound around the take-up spool.)

### Printing is faded or illegible.

- Is the ink roller used up?
- Has the ink roller been installed properly?

## END-USER LIMITED WARRANTY

SHARP ELECTRONICS CORPORATION warrants to the first end-user purchaser (the "Purchaser") that this Sharp brand product (the "Product"), when new and shipped in its original container, will be free from defective workmanship and materials, and agrees that it will, at its option, either repair the defect or replace the defective Product or part thereof with a new or remanufactured equivalent at no charge to the Purchaser for parts or labor for the period(s) set forth below.

This warranty does not apply to any appearance items of the Product nor to the additional excluded item(s) set forth below nor to any Product the exterior of which has been damaged or defaced, which has been subjected to improper voltage or other misuse, abnormal service or handling, or which has been altered or modified in design or construction.

In order to enforce the rights under this limited warranty, the Purchaser should follow the steps set forth below and provide proof of purchase to the servicer.

To the extent permitted by applicable state law, the warranties set forth herein are in lieu of, and exclusive of, all other warranties, express or implied. Specifically, ALL OTHER WARRANTIES OTHER THAN THOSE SET FORTH ABOVE ARE EXCLUDED. ALL EXPRESS AND IMPLIED WARRANTIES INCLUDING THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR USE, AND FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY EXCLUDED. If, under applicable warranties is limited to the period(s) from the date of purchase set forth below.

Neither the sales personnel of the seller nor any other person is authorized to make any warranties other than those described herein, or to extend the duration of any warranties beyond the time period described herein on behalf of Sharp.

The warranties described herein shall be the sole and exclusive warranties granted by Sharp and shall be the sole and exclusive remedy available to the Purchaser. Correction of defects, in the manner and for the period of time described herein, shall constitute complete fulfillment of all liabilities and responsibilities of Sharp to the Purchaser with respect to the Product, and shall constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise. In no event shall Sharp be liable, or in any way responsible, for any damages or defects in the Product which were caused by repairs or attempted repairs performed by anyone other than an authorized servicer. Nor shall Sharp be liable or in any way responsible for any incidental or consequential economic or property damage. Some states do not allow limits on warranties or on remedies for breach in certain transactions; in such states, the limits herein may not apply.

### Model Specific Section (Carry-in Service)

### Your Product Model Number & Description:

XE-A106 Cash Register  
(Be sure to have this information available when you need service for your product.)

### Warranty Period for this Product:

One (1) Year Parts and 90 Days labor from date of purchase

### Additional Item(s) Excluded from Warranty Coverage (if any):

Any consumable items such as paper supplied with the Product.

### Where to Obtain Service:

From a Sharp Authorized Servicer located in the United States. Call the location of the nearest Sharp Authorized Servicer, call Sharp toll free at 1-800-BE-SHARP.

### What to do to Obtain Service:

Ship prepaid or carry in your Product to a Sharp Authorized Servicer. Be sure to have **Proof of Purchase** available. If you ship the Product, be sure it is insured and packaged securely.

TO OBTAIN PRODUCT INFORMATION, CALL 1-800-BE-SHARP OR VISIT [www.sharppusa.com](http://www.sharppusa.com).

**SHARP**  
SHARP ELECTRONICS CORPORATION  
Sharp Plaza, Mahwah, New Jersey 07495-1163  
1-800-BE-SHARP  
<http://www.sharppusa.com>

## Getting Started

### Initializing the Cash Register

For your cash register to operate properly, you must initialize it before programming for the first time. Follow this procedure.

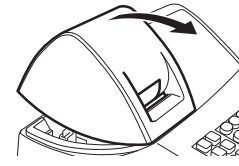
- Remove the register from its packing carton.
- Insert the supplied mode key into the mode switch and turn it to the REG position.
- Insert the plug into the AC outlet.  
**IMPORTANT: This operation must be performed without batteries loaded.**
- The buzzer will sound three times. Now your cash register has been initialized. The display will show "0.00" with "L".

### Installing Batteries

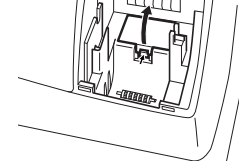
Batteries must be installed in the cash register to prevent data and programmed contents from being lost from the memory in case of accidental disconnection of the AC cord or power failure. Please install three new "AA" batteries before programming and operating the cash register. Once installed, the batteries will last approximately one year. When it is time to replace them, the "L" symbol will appear on the display to indicate a low battery voltage. If the symbol appears, you must replace them within two days.

Install the batteries according to this procedure with the AC cord connected:

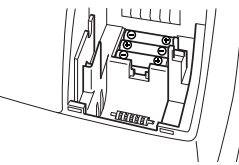
- Push the printer cover forward and detach it.



2. Open the battery cover next to the paper roll cradle.



3. Insert three new AA batteries.



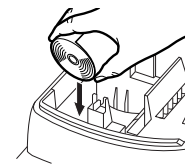
4. When the batteries are properly installed, "L" on the display will disappear. Close the battery cover.

5. Attach the printer cover.

### Installing a Paper Roll

Always install the paper roll even when you set the register for not printing journal or receipt in REG mode.

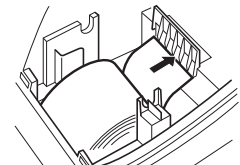
- Push the printer cover forward and detach it.
- Place a paper roll in the paper roll cradle so that the paper unrolls from the bottom.



Before placing a new paper roll in the paper roll cradle, cut off the pasted (taped) part of the paper and confirm that the cut end of the paper is straight.

Correct Incorrect

- Insert the paper straight into the paper inlet, and press the [F] key. The inserted end comes out at the printing area.

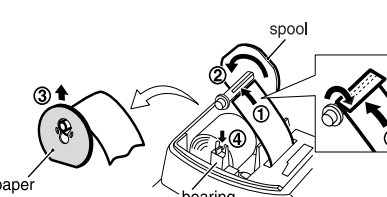


4. (For journal printing)

- Insert the top end of the paper into the slit in the take-up spool shaft and fold the inserted end toward you.
- Wind the paper two or three turns.
- Mount the paper holding plate onto the take-up spool.

Put the spool shaft in the larger hole of the paper holding plate and push the plate in the direction of the arrow.

- Place the take-up spool on the bearing.



5. Attach the printer cover.

(For receipt printing, step 4 should be omitted.)

## WARNING

FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment. **Note:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## CAUTION

The socket-outlet shall be installed near the equipment and shall be easily accessible.

## FOR YOUR RECORDS

Please record below the model number and serial number, for easy reference, in case of loss or theft. These numbers are located on the right side of the unit. Space is provided for further pertinent data.

Model Number \_\_\_\_\_

Serial Number \_\_\_\_\_

Date of Purchase \_\_\_\_\_

Place of Purchase \_\_\_\_\_

## Handling Cautions

Install the cash register in a location not subject to direct sunlight, unusual temperature changes, high humidity, or splashing water.

Do not operate the cash register with wet hands. Water can cause internal component failure.

The cash register plugs into any standard wall outlet (120V AC ± 10%). Avoid connecting any other electrical devices on the same electrical circuit since such connection could cause the cash register to malfunction.

When cleaning the cash register, use a dry, soft cloth. Never use volatile liquids, such as benzene or thinner. Chemicals can discolor or damage the cabinet.

For protection against data loss, please install three new "AA" batteries before using the cash register. However, never forget you must initialize the cash register before installation of batteries; otherwise damage to memory contents or malfunctioning of the register will occur. You can start operating it only after initializing it and then installing batteries.

For complete electrical disconnection, pull out the main plug.

### Setting the Time

Turn the mode switch to the Z/PGM position and enter the time in 4 digits ("hhmm" format) using the 24 hour system. Press the [M] key once to continue programming or twice to exit the program mode.

[M] [M] [M] [M] [M] [M]  
Time (2:30 p.m.)

- Always enter the time in 4 digits even when the hour is in the single digit. For example, enter [2][3][3][0] for 6:30 a.m.
- 6:30 a.m. prints as "06-30" and 6:30 p.m. prints as "06-30@".

### Setting the Date

In the Z/PGM mode, enter the date in 6 digits using the month-day-year format. Press the [M] key once to continue programming or twice to exit the program mode.

[M] [M] [M] [M] [M] [M] [M] [M]  
Date (February 15, 2010)

- Always enter the date in 6 digits. For example, enter [0][2][1][5][1][0] for February 15, 2010. If you change the date format in the Z/PGM mode, follow the newly specified format when setting the date.

### Checking the Time and Date

You can display the time and date to check if they are correctly set.

- Turn the mode switch in the REG position.
- Press the [M] key once to display the time.
- Press the [M] key a second time to display the date.

### Programming the Tax Rate

Before you can proceed with registration of sales, you must first program the tax that is levied in accordance with the law of your state. Your cash register comes with the ability to program four different tax rates. In most states, you will only need to program Tax 1. However, if you live in an area that has a separate local tax (such as a Parish tax) or a hospitality tax, your register can be programmed to calculate these separate taxes.

In order to program the tax to be collected in accordance with the law of your state, you must specify the tax rate(s) and minimum taxable amount(s).

When you program the tax status for a department, tax will be automatically added to sales of items assigned to the department according to the programmed tax status for the department. You can also enter tax manually.

There are two tax programming methods. The tax rate method uses a straight percentage rate per dollar. The tax table method requires tax break information from your state or local tax offices. Use the method which is acceptable in your state. You can obtain necessary data for tax programming from your local tax office.

For tax table programming, see "programming"

### Tax Rate Programming

The percent rate specified here is used for tax calculation on taxable subtotals. Turn the mode switch to the Z/PGM position and use the following sequence to program the tax rate:

[M] [M] [M] [M] [M] [M] [M] [M]  
Tax number (1-4) → [M] → R

where R and Q represent the following.  
**R: Tax rate (0.0000% to 99.9999%) x 10000**  
Enter the rate in 6 digits (leading zeros may be omitted). If the rate is fractional (e.g., 4 3/8%), it should be converted to its decimal equivalent (4.375) before entering.







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