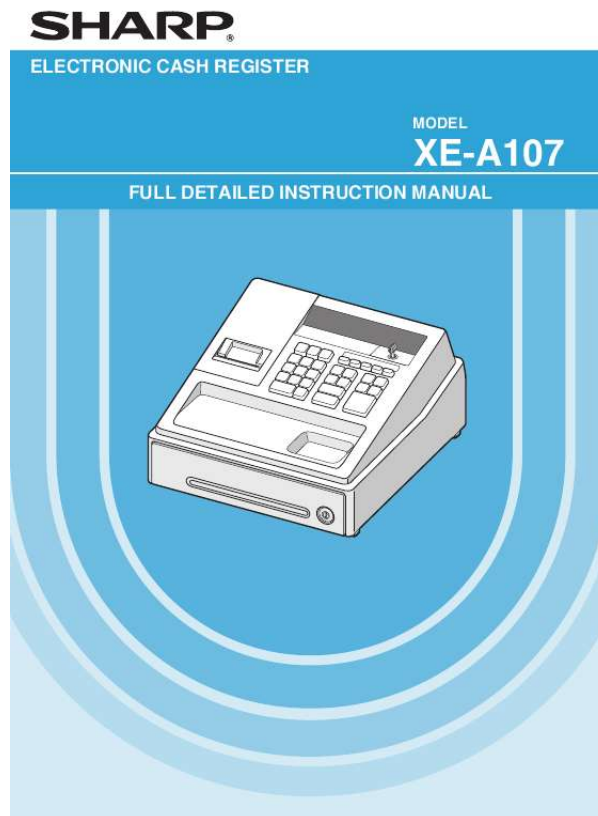




# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for SHARP XE-A107. You'll find the answers to all your questions on the SHARP XE-A107 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual SHARP XE-A107**  
**User guide SHARP XE-A107**  
**Operating instructions SHARP XE-A107**  
**Instructions for use SHARP XE-A107**  
**Instruction manual SHARP XE-A107**



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**Manual abstract:**

**WARNING:** *Det matande vägguttaget skall placeras nära apparaten och vara lätt åtkomligt. LET OP: Het stopcontact dient in de buurt van de kassa en gemakkelijk toegankelijk te zijn. CAUTION: For a complete electrical disconnection pull out the AC adapter. @@@@ @@@@ LET OP: Maak de netspanningsadapter los om de stroomtoevoer volledig uit te schakelen. INTRODUCTION Thank you very much for your purchase of the SHARP Electronic Cash Register, Model XE-A107. Please read this manual carefully before operating your machine in order to gain full understanding of functions and features. Please keep this manual for future reference. It will help you if you encounter any operational problems. CAUTION! Never install the batteries into the cash register before initializing it. Before you start operating the cash register, you must first initialize it, then install three new alkaline batteries LR6 ("AA" size) on the register.*

*Otherwise, distorted memory contents and malfunction of the cash register will occur. For this procedure, please refer to pages 6 to 7. IMPORTANT • Be very careful when removing and replacing the printer cover, as the cutter mounted on it is very sharp. • Install the register in a location not subject to direct sunlight, unusual temperature changes, high humidity or splashing water. Installation in such locations could cause damage to the cabinet and the electronic components.*

*• Never install the register in saline areas (e.g.: close to the sea). Installing the register in such locations could cause component failure with the corrosion. • Never operate the register with wet hands.*

*The water could seep into the interior of the register and cause component failure. • When cleaning the register, use a dry, soft cloth. Never use solvents, such as benzine and/or thinner. The use of such chemicals will lead to discoloration or deterioration of the cabinet. • The register plugs into any standard wall outlet (official (nominal) voltage). Other electrical devices on the same electrical circuit could cause the register to malfunction. • For protection against data loss, please install three alkaline batteries LR6 ("AA" size) after initializing the register. • When handling the batteries, please observe the following:*

*Incorrectly using batteries can cause them to burst or leak, possibly damaging the interior of the register. • RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.*

*• Be sure that the positive (+) and negative (-) poles of each battery are facing in the proper direction for installation. • 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 do not plan to use the register for long periods. • Should a battery leak, clean out the battery compartment immediately, taking care to avoid letting the battery fluid come into direct contact with your skin. • For battery disposal, follow the corresponding law in your country. • For complete electrical disconnection, disconnect the AC adapter. • Be sure to use the attached AC adapter. Otherwise, an electric shock or fire may be caused.*

*• Do not use the AC adapter in devices other than this register. 1 1 CONTENTS INTRODUCTION....*

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.....32 2 Parts and their Functions □□ Part Names Mode switch Display Printer cover Keyboard Plug the AC adapter connector into the AC adapter jack, then plug the AC adapter into the wall outlet. AC adapter AC adapter connector AC adapter jack Drawer Cheese slot Drawer lock □□ Keyboard Layout Paper feed key Multiplication/Time display key Clear key Escape key Void key Paid-out key Percent key Received-on account/Value added tax key 0 ., 1 9: Numeric keys F: Q: l: G: v: T: %: U: H: Department shift key p: PLU (Price Look Up) key ! \$: Department keys c: Credit key V: Exchange key u: Non-add code/Subtotal key C: Cheese key A: Total/Amount tender/No sale key 3 □□ Mode Switch Insert the mode key (the same key as drawer lock key) into the mode switch and move the key to get an appropriate mode. : Turns the display off. No operations are possible. REG: Permits transaction entry. : Permits correction after finalizing a transaction. X/Flash: Permits printing of sales reports and Mode key displaying the flash reports. Z/PGM: Permits printing and resetting of sales reports and programming. □□ Display Your cash register is equipped with a front LED (Light-Emitting Diode) display that affords easy visibility of 9 digits for the operator during transaction. Department code Department code: Indicates the department entered. Repeat For example, if department 1 was pressed, "1" would appear. PLU code: Indicates the PLU code entered. Repeat: Indicates the number of times the same department key or PLU key is pressed repeatedly. If an entry is PLU code repeated more than ten times, only the last digit is displayed. Symbols and figures appearing on the display: Error: Appears when an error is made. If this occurs during a transaction because of an extra digit entry, simply press l and re-enter correctly. Program: Appears when the cash register is being programmed in the "Z/PGM" mode. Finalization: Appears when a transaction is finalized by pressing A, c or C. Subtotal: Appears when the cash register computes a subtotal when u is pressed, and also when an amount tendered is less than the total sales amount.



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Change: Appears whenever a change due amount is displayed. Exchange: alkaline batteries LR6 ("AA" size) before programming and operating the cash register. NOTE • Before inserting the battery, make sure the AC adapter is connected and the power is on. • Be sure to observe precautions shown on page 1 when handling batteries. 1. Remove the printer cover.

T Caution: . . he.paper.cutter.is.mounted.on.the.printer.  
cover..Be. careful.not.

to.cut.yourself. 6 2. Open the battery cover next to the paper roll cradle.

3. Install three new LR6 ("AA" size) batteries. B NOTE e sure that the posituto VAT 1: 5 Parameter A: Tax system Manual VAT 1-4: 0 (Default) Manual VAT 1: 3 Programming.VAT.(Tax).Rate 9 u A Q B u ( Q u: to finish programming) C When lower tax limit is specified Parameters A: VAT (Tax) 1: 1 VAT (Tax) 2: 2 VAT (Tax) 3: 3 VAT (Tax) 4: 4 B: VAT(tax) rate in 6 digits (00.0000% to 99.9999%) x10000 (Default: 00.0000%) C: Lower tax limit (0 to 9999) only for TAX system. (Default: 0) Example .

TAX1.=.7.0000.% 9 u 1 Q 70000 u u 9 3. Programming.Department.Status Merchandise can be classified into eight departments. Items sold with use of the department keys can later be printed on a report that shows the quantities sold and sales amounts classified by department. The data is useful for making purchasing decisions and other store operations.

When using a department key, you must set the parameters to specify the department status, such as plus or minus sign and tax status. Make sure that the mode switch is at the Z/PGM position, then operate the following key sequence. (H) Department key ( ABCDEFG Q u: to finish programming) (Press H to program departments 5 to 8.) Entry: 0 1 0 1 0 1 0 1 0 1 0 1 0 through 7 (default: 7) Parameters: A Sign +/B C D E F Normal/SICS (Single Item Cash Sale) VAT4 or TAX4 VAT3 or TAX3 VAT2 or TAX2 VAT1 or TAX1 Selection: + sign\* - sign Normal\* SICS No\* Yes No\* Yes No\* Yes No Yes\* \*: Default G Entry digit limit (0 to 7 digits) •.Sign Assign + sign to departments in which normal sale amounts are to be entered, and - sign to departments in which payments for items such as refunds, bottle returns or other minus transactions are to be entered.

•.SICS.(Single Item Cash Sale) This allows the operator to finalize the transaction entry by entering the unit price of one item and pressing the department key set for SICS. If the unit price is preset for the department key, you can finalize the transaction by pressing the department key only. •

Entry.digit.limit Setting this parameter for applicable departments prevents the accidental entry of too large an amount during a sale. For example, if the highest entry to be allowed is 9.99, enter 3. @@When.you.apply.VAT2.for.

department.5: 0000107 Q H! u Tax 2(E) Department 5 10 4. @@@@1) and an 8.00 item (dept. 7) for cash and receiving 25.00 from your customer. (tax system: manual VAT1-4) 1. Set the mode switch to the REG position. 2. Enter the price for the department item (in case of 15.00). 3. Press the appropriate department key. (in case of department 1) 4. Enter the price for the department item (in case of 8.00). 5. Press the appropriate department key. @@Repeat steps 4 and 5 for all the department items. 6.

Press u to display the amount due. @@@@ (You can omit this step.) 8. Enter the amount received from the customer. (You can omit this step if the amount tendered is 9. Press A, and the change due is displayed and the drawer is opened. 10. @@the same as the subtotal.) 11. @@• When paid by credit, omit the step 8 and press c instead of A.

@@@@Key.operation.example . Operator.display . Receipt.print . 15: ! 8: H# u U 25: A Date Time Consecutive No. 11 5. @@@@@@@@@@The sales data accumulated and the grand total (GT) is cleared.

If you print a Z report without grand total (GT) resetting, press A. To.issue.an.X.  
report: 1. Set the mode switch to the X/Flash position. 2. @@Set the mode switch to the Z/PGM position. 2.  
Press C. To.issue.a.Z.report.without.resetting.of.GT: 1.

Set the mode switch to the Z/PGM position. 2. @@@@@@@@@@@@@@@@@@The drawer opens after pressing the department or PLU key. @@@@For operation, refer to the example shown below. Example . Repetitive.entry Selling two 2.00 items (dept. @@. 2:!! @@@@.

6Q 150! @@@@. @@Key.operation.example Receipt.print .

@@830! @@Your cash register is pre-programmed as manual VAT 1 to 4 system. @@@@Manual.VAT.1.to.

4.system.(manual.entry.method.using.programmed.percentages) This system provides the VAT calculation for taxable 1 through 4 subtotals. This calculation is performed using the corresponding programmed percentages when U is pressed just after u. Manual.

VAT.1.system.(manual.entry.method.for.subtotals.that.uses.

VAT.1.preset.percentages) This system enables the VAT calculation for the subtotal. This calculation is performed using the VAT 1 preset percentage when U is pressed just after u.

For this system, the keyed-in VAT rate can be used. In this case, after pressing u, enter the VAT rate and press U. Manual.tax.1.

to.4.system.(manual.entry.method.using.preset.percentages) This system provides the tax calculation for taxable 1 through 4 subtotals. This calculation is performed using the corresponding programmed percentages when U is pressed just after u.

After this calculation, you must finalize the transaction. Auto.tax.1.to.3.and.auto.VAT.1.

system This system enables the calculation on the combination with automatic tax 1 through 3 and automatic VAT 1. The combination can be any of VAT 1 corresponding to taxable 4 and any of tax 1 trough 3 corresponding to taxable 1 through 3 for each item. The tax amount is calculated automatically with the percentages previously programmed for these taxes. V NOTE AT/tax calculation for PLU items are performed according to the one set for its associated department. 15 Discounts.

and.Premiums.Using.the.Percent.

Key If you want to apply a discount or a premium for an item, enter the percent rate and press the percent key. If you want to apply a discount or premium for the subtotal, enter all the items, press u and then press the percent key following the percent rate. Y NOTE our machine is pre-programmed as discount. If you change to premium, refer to the "Percent Key Programming" section on page 24. Also you can preset a percent rate. If a percent rate is preset, you do not have to enter a percent rate before pressing the percent key. For the programming, also refer to the "Percent Key Programming" section on page 24. Example . Applying.a.

20.00%.discount.to.an.item.belonging.to.department.3 Key.

*operation.example Receipt.print . . 8:# 20:% A Example .  
Applying a 15.00% discount.  
to the subtotal of a transaction Key.operation.example Receipt.print . .*

*8p 12p 8:! u 15:% A 16 Currency.Exchange Your register allows payment entries of foreign currency when you programmed a currency exchange rate. After items entries or during tendering entries, press V, the subtotal in foreign currency can be displayed. Then enter the tendered amount in foreign currency if not exact amount payment, and press a finalization key (A / C or c when programmed).*



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The change due in domestic currency will be displayed. NOTE • When the amount tendered is short, the deficit is shown in domestic currency. • If you select “Yes” for cheque and credit operation when tendering in foreign currency in EURO programming, you can finalize a sale in foreign currency using C or c. • If you select “Yes” for exchange amount printing for total and change in EURO programming, you can display a change in foreign currency by pressing V when the change is displayed in domestic currency. To return to the display in domestic currency, press V again. Example Selling a department 3 item (price 79.

50) in a foreign currency. (Preset exchange rate: 1.550220) Key.operation.example .

Receipt.print . Displays an amount in foreign currency and “ ” Amount tendered in foreign currency 7950# V 130: A No.Sale When you need to open with no sale, for example to make changes, just press A. The drawer will open.

Refund Since your cash register comes with no refund key, make a negative department (see the required programming on page 10) and use it. @@Non-add codes can be used for a variety of things. @@@@For the received-on-account entry, enter the amount, and press U. For the paid-out entry, enter the amount, and press T. @Key.operation.example Receipt.print . @@@@T the following: Key.

operation.example . Receipt.print . 3p 1150! @@@@1. Turn the mode key to position. @@Repeat the entries that are recorded on an incorrect receipt. 18 B NOTE y the above steps, the entries are cleared from the sales information. Reading.and.

Resetting.of.Sales All the data on all of your registrations as well as other transaction information will remain in the memory of your cash register as long as your cash register has power (Be sure you have live batteries installed in case of a power failure). This information can be printed in the form of a report which can be helpful to you in running your business. Flash reports.for.viewing.on.the.

display Use this function for on-the-spot checking of individual cash register's sales data. The sales total is shown on the display but is not printed nor cleared from the cash register's memory. Key.operation.example . Operator.display . u To display the flash report for each individual item, press the following keys in the X/Flash mode: Individual department sales Sales total Cash in drawer u c Department key X.reports.for.

reading.of.sales This report, when taken in the X/Flash mode, prints the accumulated information of sales. Taking an X report is a good way to do a mid-day check on daily sales. You can take X reports any number of times, because they do not affect the cash register's memory. To issue an X report, set the mode switch to the X/Flash position and press A. 19 Z.reports.for.reading.

and.resetting.of.sales This report, when taken in the Z/PGM mode, prints the same information as an X report. Once this report had been printed, the cash register's memory of daily information is cleared and all the transaction totals are reset to zero.

Be sure to issue a Z report at the end of each day. With a Z report printing, you can also reset GT (ground total). To issue a Z report, follow the procedure described below. 1. Set the mode switch to the Z/PGM position.

2. If necessary, enter the secret code and press A. To.issue.a.Z.report.with.resetting.of.

GT: 3. Press C. 4. If necessary, enter the secret code and press C. To.issue.a.Z.report.without.resetting.of.GT: 3. Press A. 4.

If necessary, enter the secret code and press A. □. Sample.sales.report \*1 Reset symbol (“X” is printed in case of X reports.

) Reset counter \*1 Grand total Quantity Dept. code Amount Count of transactions Sales total Cash sale counter and total Cheque sale counter and total Credit sale counter and total Exchange counter and total (in cash tendering) \*3 Exchange counter and total (in cheque tendering) \*4 Exchange counter and total (in credit tendering) \*4 Received-on account total Paid-out total No sale counter Cash in drawer Dept. counter and total Percent counter and total Item void counter and total Void mode counter and total Taxable 1 total Tax 1 (VAT) total \*2 \*1 Printed in the Z report only. \*2 Difference by rounding is printed here in case Australian rounding is applied. \*3 Not printed in case that the exchange rate is set to 0.000000. \*4 Not printed in case that “Cheque and credit operation when tendering in foreign currency” is set to “No” on EURO programming, and/or the exchange rate is set to 0.000000. 20 EURO Migration Function Your register can be modified to correspond with each period set for the introduction of EURO, and in your register each currency is treated as shown on the table below depending on which period you are in. Basically your register can be automatically modified to correspond to the introduction of EURO by executing automatic EURO modification operation shown below in Z/PGM mode.

However, there are several options you must set depending on your need. So, please carefully conduct necessary settings. How currencies are treated in your register Period 1 Period 2 After the introduction of Afier EURO banknotes EURO, and before and coins begin to EURO banknotes and circulate, and before coins begin to circulate national currency is withdrawn from circulation. (Co-existence of EURO and national currency) EURO Exchange key Domestic currency National currency Domestic currency Exchange key (DM, F, etc.) Foreign currency --Period 3 After the national currency is withdrawn from circulation Domestic currency □□ Automatic EURO modification operation Make sure the mode switch is in the Z/PGM position first, (if necessary, enter the secret code and press A) and perform the following procedure. Please note that you can perform each operation only once with the substitution of “A=1”, “A=2” and “A=3”. For example, if you performed the operation with the substitution of “A=2” first, you cannot perform the operation with the substitution of “A=1”. 8:u A\* u \*A: Enter 1 for the period 1, 2 for the period 2, and 3 for the period 3. The details of the register system modification are as shown on the following page: Currency Exchange key 21 Items General Z report GT memory Conversion of preset prices of Dept./PLU Exchange amount printing for total and change Exchange calculation method Domestic currency symbol Domestic currency decimal point position Exchange currency symbol Exchange currency decimal point position Rounding of exchange currency A=1 (EURO status 1) Issue Yes Division [EURO] 2 Round off A=2 (EURO status 2) Issue Clear Yes\*1 Yes Multiplication [EURO] 2 Previous domestic currency symbol Previous domestic currency decimal point position Round off A=3 (EURO status 3) Issue Clear\*2 Yes\*1 No Multiplication [EURO] 2 -\*3 Round off • The item marked with “-” remains the same as the previous data.

\*1: □ the Automatic conversion of unit prices of Depts.



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/PLUs by automatic EURO migration If operation is set NO (default setting) in EURO Programming, or currency exchange rate is set to 0% (default setting) in Exchange Key Programming, conversion of preset prices of Dept./PLU is not performed in the Automatic EURO modification operation. \*2: When you perform from EURO status 2, previous data remains unchanged. \*3: When you perform from EURO status 1 or 2, "space" is set.

□□ **IMPORTANT** • After the execution of the procedure with "A=1", treat EURO as foreign currency using V. Set the EURO conversion rate as the currency conversion rate for V. • After the execution of the procedure with "A=2", treat EURO as domestic currency and national currency as foreign currency using V. Set the EURO conversion rate as the currency conversion rate for V. • After the execution of the procedure with "A=3", treat EURO as domestic currency. • As for the percent rate for % and HALO setting, the automatic conversion is not made. So, when your domestic currency becomes EURO, you must change these settings so that they are based on EURO currency. • You can receive the amount of exchange (EURO or national currency) in cheque or credit. For the programming, please refer to EURO programming on page 26. • When "Exchange amount printing for total and change" is set to "Yes", you can display a change in foreign currency by pressing V when the change is displayed in domestic currency. □□ **Checking the current EURO status** You can check the EURO status currently set on the cash register. Set the mode switch to the Z/PGM position, (if necessary, enter the secret code and press A) and perform the following procedure. The current EURO status will be printed on the receipt or journal. 8:u:EURO status 22 Advanced.Programming Before starting programming, set the mode switch to the Z/PGM mode.

Also if necessary, enter the secret code and press A. Y **NOTE** • ou can continue programming without printing the programming report by not pressing u at the end of each program step. However, you must program PLUs independent from other programming. • Unless otherwise specified, programming options marked with \* indicate factory setting. In case of values or number settings, the factory settings are shown with the word, "Default".

**Department.Preset.Unit.Price.Programming** Unit prices can be assigned directly to department keys for frequently purchased items, which enables you to enter the prices by simply pressing the department keys.

(Default: 0.00) To program zero For dept. 5 through 8 Unit price Dept. key (max. 5 digits) To program another department H u PLU.

**Programming The PLU function** allow speedy key entries whereby a preset price is automatically called up when a code is entered. Up to 80 PLU settings are possible. Each PLU should belong to a department in order to acquire the parameters of the department. The cash register was factory preset so that PLU1 to 10 are assigned to department 1 and unit price 0.00.

For dept. 5 through 8 To program zero H Unit price (max. 6 digits) Associated Dept. key To program the following PLU code To program another PLU code PLU code (1 - 80) p u To disable a PLU, enter the PLU code and press p, then press v and u. 23 **Percent.Key.Programming** % can be programmed as a discount key or premium key. As a default, % is programmed as a discount key. Also you can program a percent rate for %. When 00.

00% is programmed, use of preset percent rate is prohibited. (factory setting) Programming.the.percent.key.function.(discount.or.premium) 1 (for discount) / 0 (for premium) Q Programming.the.percent.rate.(00.00.to.

99.99%) Percent rate in 4 digits (00.00% to 99.99%) x 100 Example % ( u: to finish programming) % ( u: to finish programming) 15.5%: 1550 %u Exchange.

**Key.Programming** To handle a foreign currency, you can program a currency exchange rate (000.000000 to 999.999999) for the exchange key. When 000.000000 is programmed, use of V is prohibited (factory preset). Currency exchange rate in 9 digits (000.000000 to 999.999999) x 1000000 Example V( u: to finish programming) 1.55022.

1550220 Vu **Printing.Format.Programming** You can program a printing format of the receipt or journal by using the following eight kinds of parameters. 2 u ABCDEFGH u ( u: to finish programming) Selection: Space\* EURO Yes (Receipt ON)\* No (Receipt OFF) Journal format\* Receipt format Yes\* No Yes\* No Yes\* No Yes\* No Yes No\* Entry: 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 Parameters: A Currency symbol for domestic currency B C D E F Printing receipt/journal in the REG mode (Receipt ON/OFF function) Printing format Date printing Time printing Receipt number printing G Taxable subtotal printing H Subtotal printing with a press of u .•Printing.format When receipt format is selected, the take-up spool does not move. 24 **Miscellaneous.Programming** You can program miscellaneous settings suitable for use. 1 Parameters: A Date format u ABCDEFGH u ( u: to finish programming) Entry: 0 1 2 0 1 0 through 3 (Default: 2) 0 1 0 1 0 1 0 through 8 (Default: 8) 0 1 2 Selection: MMDDYY DDMMYY\* YYMMDD 12 hour format 24 hour format\* B C D E F Time format

Decimal point position for domestic currency Resetting receipt no. when issuing Z report Amount tendered compulsory for A and C Subtotaling compulsory No\* Yes No\* Yes No\* Yes G Entry digit limit for c, C, U and T H Rounding Round off\* Round up Round down .•Time.format When 12 hour format is set, the a.m. time will be displayed with and printed without no mark, and the p.m. time will be displayed with and printed with the mark @. Example 2:00.A.

M./.:2:00.P.M. Operator.display . Receipt.print . 2:00.A.M. 2:00.P.M. .•Amount.tendered. compulsory When set for compulsory, always enter the amount tendered by the customer before finalizing the transaction. .•Subtotaling.compulsory When set for compulsory, always press u before finalizing the transaction.

**Consecutive.Receipt.Number.Programming** The receipt number is printed on every receipt or journal, and report, together with the date and time. The number is incremented each time a receipt is issued. To start from a specific consecutive number, enter a figure one less than that number. (Default: 0001) Receipt start number (max. 4 digits) Q u ( u: to finish programming) 25 **EURO.Programming** For the details of EURO programming, please refer to "EURO Migration Function" on pages 21 and 22. 3 u ABCDEFGH u ( u: to finish programming) Selection: No\* Yes No\* Yes No\* Yes No\* Yes Multiplication\* Division Rounding up\* Rounding Space\* EURO Entry: 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 through 3 (Default: 2) Parameters: A Automatic conversion of unit prices of Depts. /PLUs by automatic EURO migration operation B C D E F Conversion rate printing Exchange amount printing for total & change Cheque & credit operation when tendering in foreign currency Exchange calculation method Rounding for exchange G Currency symbol for foreign currency H Decimal point position for foreign currency I **NOTE** f you select "Yes" for exchange amount printing for total and change, you can display a change in foreign currency by pressing V when the change is displayed in domestic currency.



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### Rounding.Programming.(For.Australian.

tax.system) When Australian rounding is set, the sales total amount is rounded to 0 or 5 when paid in cash. 4 u 0 for No or 1 for Yes u ( u: to finish programming) (Default: Yes for the register shipped to Australia) Secret.Code.Programming A secret code is used in order to allow only those who know the secret code to operate the machine in and Z/PGM modes or to print Z reports. When you need a secret code, program a secret code. Secret code (max. 4 digits) How.to.enter.

a.secret.code: In case that a secret code has been programmed, "----" is displayed when the mode switch is set to or Z/PGM or when you need to issue a Z report. In this case, enter the secret code (max. 4 digits) and press A.

Every time you enter a digit, the display of "-" changes to ".". In.case.you.forget.

the.secret.code.you.programmed: Set the mode switch to the Z/PGM position, and operate the secret code programming shown above with the substitution of "0000" for the secret code. Q A ( u: to finish programming) (Default: 0000; no application of secret code) 26 Checking the Programmed Machine Settings Your machine allows you to print the programmed machine settings, namely, general & tax programming report and PLU programming report. Set the mode switch to the Z/PGM position, and press u to print a general & tax programming report, or press p to print a PLU programming report. • General & tax programming report (u) Department code Sign and preset unit price 00001 7 Entry digit limit Tax status(from the left, VAT(tax)4, 3, 2, 1; 0 for not taxable; 1 for taxable) Normal (0)/SICS (1) • PLU programming report (p) PLU code Sign and preset unit price Associated department code Sign and rate for % Rate for V Secret code Miscellaneous programming(from the left, A to H) Printing format programming (from the left, A to H) EURO programming (from the left, A to H) Australian rounding programming (for Australian tax system) German VAT law programming (for German tax system) VAT (tax) system VAT rate When a tax system is selected, lower tax limit for each tax is printed. Tax rate Lower tax limit Date Time Receipt number 27 Maintenance 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 the drawer, use the mode key. 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. Mode key □.

Removing.the.Drawer. To detach the drawer, pull it forward fully, and while holding the lever down, lift the drawer slightly and remove. NOTE • 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. Lever Coin case Lever 1 2 □. @@The drawer will not open if it is locked with the key. Lever □. @@The bills and cheques entered are placed under the coin case.

Caution:. @@. @@fallen. 28 Replacing.the.Paper.Roll When a dye appears on the paper roll, it is time to replace the paper roll with new one. Be sure to use the paper roll specified in "Specifications" section on page 32. In.case.

of.journal.printing 1. Set the mode switch to the REG position. 2. Remove the printer cover. Caution:. The.paper.cutter. is.mounted.on.the.printer.

cover.. . Be.careful.

not.to.cut.yourself. 3. Press F to advance the paper by several lines and then cut it to remove the take-up spool from the bearing. 4. After cutting the existing paper, remove the paper roll. 5. Make the straight part of the paper holding plate upward, and push it up in the direction of the arrow to remove it as shown in the second diagram.

Then remove the paper roll from the take-up spool. 6. @@@@The existent batteries will be dead in about two days. @@Otherwise, if the AC adapter plug is disconnected or a power failure occurs, all the programmed settings will be reset to the default settings and any data stored in memory will be cleared. For replacing the batteries, be sure that the cash register is plugged in and the mode switch is on the REG position, then replace the batteries with new ones referring to "Installing Batteries" section on page 6. Replacing.the.Ink.Roller When printing becomes faded, replace the existing ink roller with a new one available from SHARP. Precautions:.

• Be sure to use an ink roller available from SHARP. The use of any other ink rollers could cause troubles in the printer. Never pour ink to the ink roller. • After opening the parcel, install it soon. 1.

Remove the printer cover. Ink roller Caution:. The.paper.cutter. is.mounted.on.the. . printer.cover..Be.careful.

not.to.cut. yourself. 2. Pull the ink roller handle upward to remove the ink roller. 3. Install a new ink roller. 4. Replace the printer cover. In.Case.of.Power.Failure.

or.Paper.Jam When.power.failure.

occurs: If power is lost, the machine retains its memory contents and all information on sales entries when the batteries are in the proper state of charge. • When power failure occurs in register idle state or during an entry, the machine returns to the normal state of operation after power recovery. • When power failure occurs during a printing cycle, the register prints "....." and then carries out the correct printing procedure. When.printer.motor.locks: If the printer motor locks, nothing will operate. First, unplug the AC adapter and repair paper jam. Then plug in the AC adapter, feed the roll paper to the proper position and press l. The register will then resume correct printing after printing ".....".

30 Before Calling for Service If you encounter any of the following problems, please read below before calling for service. Fault • The display does not illuminate. • The display shows symbols that do not make sense. • The display will not illuminate even when the mode switch is not set to ". The machine fails to operate when any key is pressed. • The display is illuminated, but the machine does not accept key entries. Checking • Is power supplied to the electric outlet? • Is the AC adapter plug out or loosely connected to the electric outlet? • Was the machine reset in the proper way shown on "Initializing the Cash Register" section on page 6? • Is the power supplied to the electrical outlet? (Plug in another electrical device.) • Is the AC adapter plug out or loosely connected to the electric outlet? • Is the mode switch properly set to the REG position? • Was the machine reset in the proper way shown on "Initializing the Cash Register" section on page 6? • Is the receipt paper roll properly installed? • Is there a paper jam? • Is the receipt function in the "OFF" status? For the details on the ON/OFF status of the Receipt printing, refer to "Receipt ON/OFF function" of "Printing Format Programming" section on page 24.

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• Is the take-up spool installed on the bearing properly? • Is there a paper jam? • Isn't the ink roller used up? • Is the ink roller installed properly? • No receipt is issued. • No journal paper is taken up.

• Printing is faded or illegible. 31 Specifications Model: Size: Weight: Power Source: Power Consumption: Working temperatures: Humidity: Display: Printer: Paper Roll: XE-A107 335(W) × 360(D) × 190(H) mm Approx. 4.0 kg Official (nominal) voltage and frequency Stand-by: 1.5 W (The official voltage : 220 to 230 V [50Hz/60Hz] and 230 to 240 V [50Hz]) Operating: 2.3 W (max.) (The official voltage : 220 to 230 V [50Hz/60Hz] and 230 to 240 V [50Hz]) 0 to 40 °C 20 % to 90 % LED (Light-Emitting Diode) 7-segment display (9 positions) Type: 1 station print wheel selective type Printing capacity: Max. 13 digits Receipt (ON-OFF) function Other functions: Width: 57.5 mm ± 0.5 mm 80 mm Max.

diameter: Bond paper (0.06 to 0.08 mm thickness) Paper quality: 3 slots for bills and 6 for coin denominations Basic User Manual: 1 copy 1 roll Paper roll: 1 Take-up spool: 1 Paper holding plate: 2 Mode key: (same as Drawer lock key) AC adapter: 1 Ink roller: 1 (already installed) Cash Drawer: Accessories: \* Specifications and appearance are subject to change without notice for improvement. 32 Noise level LpA: 65.9 dB(A-weighted) Measured according to EN ISO 7779:2001 [Maximum value if the cash drawer springs open LpA: 78.0 dB(A-weighted)] SHARP ELECTRONICS (Europe) GmbH Postbox 105504 20038 Hamburg, Germany .



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