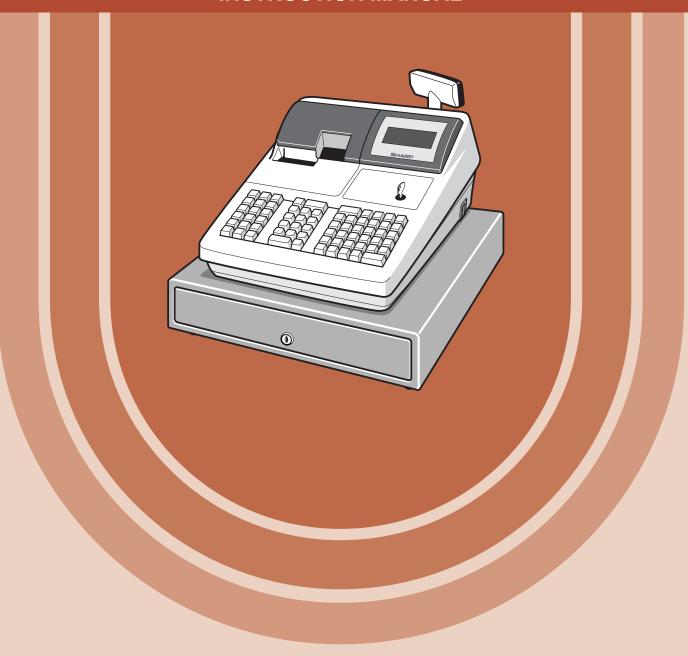


**ELECTRONIC CASH REGISTER** 

ER-A520A ER-A530A

## **INSTRUCTION MANUAL**



The above illustration shows the model ER-A520A.

## **CONTENTS**

INTRODUCTION	
IMPORTANT	
PRECAUTION	1
CONTENTS	2
EXTERNAL VIEW OF THE ER-A520 A	8
Front view ·····	
Rear view	
EXTERNAL VIEW OF THE ER-A530 A	9
Front view	
Rear view	
PRINTER	
KEYBOARD	
1 ER-A520A standard keyboard layout ······	
2 ER-A530A standard keyboard layout ······	
3 Standard key number layout	15
4 Installing the keyboard sheet (ER-A530A) ······	
KEYS AND SWITCHES	
1 Mode switch and mode keys	
2 Drawer lock key	
3 Printer cover lock key ······	
4 Cashier/Server code entry key	
5 Receipt ON/OFF function	
DISPLAYS	
1 Operator display ······	
Customer display (Pop-up type)	10
2 Customer display (Pop-up type) ······	I8
PRIOR TO ENTRIES	20
1 Preparations for entries	20
2 Power save mode	
3 Error warning	21
ENTRIES	
1 Item entries	
Single item entries ······	
Repeat entries	
Multiplication entries	
Successive multiplication entries	
Split-pricing entries	
Single item cash sale (SICS)/single item finalize (SIF) entrie	
Scale entries	
PLU level shift (for direct PLU)	
PLU/UPC price level shift ······	
Set PLU entries ······	
Link PLU/UPC entries	
Age verification (Birthday entry)	
Mix-and-match entries	
Condiment entries (for PLUs)	
Price inquiry (view) function (for PLU/UPCs)	
UPC learning function	
Price change function (for PLU/UPCs)	
2 Displaying and printing subtotals	
	4()
Merchandise subtotal	

	AL PRINTING FUNCTIONS Copy receipt printing	
CDECI		70
	LAPPED CASHIER/SERVER ENTRY	
	RIDE ENTRIES	
	ECTION AFTER FINALIZING A TRANSACTION (AFTER GENERATING A RECEIPT)	
	Correction of incorrect entries not handled by the direct or indirect void function	
	Subtotal void	
	Correction of the next-to-last or earlier entries (indirect void)	
	Correction of the last entry (direct void)	
	ECTION	
_	WASTE mode	
	Automatic sequencing key entries	
	Bottle return	
	Cashing a check	
	No sale (exchange) ·····	
	Paid out entries	
	Received on account entries	
	Currency conversion-	
	Tip paid entries	
	Tip editing	
	Tip-in entries	
8	Payment treatment	
_	Gratuity	
	Printing of non-add code numbers ·····	
	Refund sales mode	
	Return entries	
	Refund entries	
	Discount entries	
	Percent calculations (premium or discount)	
7	Auxiliary entries	
	Manual Previous Balance(PB) and Credit Balance(CB) entry	
	Bill separating	
	Bill totalizing/bill transfer	
	Transferring guest checks out or in (Transfer-out/in)	52
	Deposit entries	
	GLU/PBLU system ·····	
6	Guest check (GLU/PBLU)	
	Tax status shift	
	Automatic-tax delete	
	Manual tax ·····	
	Automatic tax	
5	Tax calculations	
	Food stamp status shift ·····	
	Food stamp tendering	
4	Food stamp calculations	
	Mixed-tender sale (cash or check tendering + charge tendering)	42
	Charge (credit) sale	
	Cash or Check sale that does not need any tender entry	42
	Mixed tendering (check + cash)	
	Cash or Check tendering	
3	Finalization of transaction	
_	Gasoline discount subtotal	
	Eat-in subtotal	
	Tray subtotal	
	Food stamp-eligible subtotal	
	Including-tax subtotal (full subtotal)	
	Taxable subtotal ·····	

2	2 Validation printing function (Slip printer)	···74
3	3 Bill printing ·····	···74
2	4 Printing of the employee's arrival and departure times (Slip printer)	74
5	5 Printing of header and footer graphic logos	···75
	Remote printer send function	
	DISPLAY AND AUTOMATIC UPDATING OF THE DATE	
	1 Time display ·····	
2	2 Automatic updating of the date	···76
FOR	THE MANAGER	
	R TO PROGRAMMING	
	1 Programming keyboard layout·····	
2	2 How to program alphanumeric characters	
	Using character keys on the keyboard ······	···78
	Entering character codes	
PROG	RAMMING	
	Basic instructions	
	Preparations for programming	
	t Programming	
1	1 Setting the date and time	
	Date	
_	Time·····	
2	2 Programming for departments	
	Unit price ·····	
	Functional selection	
3	3 PLU/UPC programming	
	Unit price	
	Functional selection	
	Associated department	
2	4 Programming for discount keys ( )	···87
	Discount amount	···87
	Functional programming	87
5	5 Programming for percent keys (%)	
	Percent rate ·····	
	Functional programming	89
6	6 Programming for conversion keys ((((((((((((((((((((((((((((((((((((	
	Currency conversion rate	90
7	7 Programming for the RA, PO, and TAX keys	
	High amount lockout (HALO)	90
8	Programming for the CAAT, CA, CH, and CHK keys	91
`	High amount lockout (HALO) and function selection	
ç	Programming for the automatic tax calculation function	
•	The tax table (applicable to the add-on tax)	93
Job-C	Code-Based Programming	96
	1 Setting the date and time	
	Setting the date (#2610)	
	Setting the time (#2611)	
,	2 Setting the register and consecutive numbers	
2	Setting the register and consecutive humbers	
	Setting the register number (#2612)  Setting the consecutive number (#2613)	97
,	3 Programming for the automatic tax calculation function	y/
٠	The tax table (#2710)	
	The tax rate (#2711)	
	Doughnut tax exempt (for the Canadian tax system) (#2715)	
2	Programming for departments (1944)	
	Functional programming 1 (#2110) ······	·102

	Functional programming 2 (#2111)	104
	A limit amount (HALO) of entry (#2112)	105
	Item label (#2114)	
	Unit price (#1110)	106
	Commission group assignment (#2115)	106
	Group number (#2116)	
	Group text (#2350)	
	Age limitation (#2180)	
	Print station assignment (#2118)	
	Department key positioning (#2119)·····	
	Color Video Monitor (CVM) control character (#2158)	
5	PLU/UPC programming	
J	Associated department (#1200, 2230, 1050)	
	Unit prices (#1210, 1060)	
	Base quantity (#1211, 1061)	
	Functional programming 1 (#2210, 2231, 2060)	
	Functional programming 2 (#2211, 2232, 2061)	
	Item label (#2214, 2064)	
	Commission groups (#2215, 2235, 2065)	
	Group number (#2216, 2066)	
	Group text (#2351)	
	Age limitation (#2280, 2236, 2081)	
	Set PLU (#2221)	
	PLU condiment table (#2222, #2223)	
	Print station to PLU/UPC assignment (#2218, 2068)	
	Delete period for non-accessed UPC codes (#2029)	128
	Programming Non-PLU code format (#2025)	129
	Link PLU/UPC link (#2220)	
	Programming of PLU levels and direct PLU keys (#2219)	
	Item label for remote printer (#2244, 2094)	
_	Color Video Monitor (CVM) control character (#2258, 2234, 2059)	132
6	Programming for miscellaneous keys	
	Rate (%, commission, gratuity, CA (H)) and discount ((()) (#1310)	133
	Gas discount unit price (#1311)	
	Currency description text ([DOW]) (#2334)	134
	A limit amount (HALO) of entry (O, TAX (for manual tax), CA, RA, PO) (#2312)	
	+/- sign, food stamp status and tax status (%), (a), gratuity) (#2311)	136
	Percent entry type ([%]) (#2310)	$\cdot 137$
	Item % or subtotal % selection (%) (#2315)	138
	Percent rate limitation (%) (#2313)······	
	Vendor or store coupon selection (⊙) (#2316)····································	139
7	Programming for the media keys	140
	Functional programming 1 (#2320) ······	
	Functional programming 2 (#2326) ·····	142
	High amount lockout (HALO) for check cashing, check change, and cash in drawer (#2321)	143
	High amount lockout (HALO) of entry for media keys (#2322)	143
	Print station assignment (#2328)	144
	CAT programming (#2330)	
8	Programming of function text	146
	Programming (#2314)·····	
	List of function texts	
9	Server/Cashier programming	
	Server/Cashier code (#1400)	150
	Server/Cashier name (#1414)	

	Functional programming (#2410) ······	
	GLU/PBLU code range assignment (#2411)	151
	Net sales % rate (#2413)	
10	Programming various functions	
	Programming for optional feature selection (#2616)	····152
	Programming the parameter of the slip printer (#2615)	
	Setting the time limit for THE TILL TIMER™ (#2617) ······	158
	Scale tare table (#2618) ·····	158
	Programming of logo messages (#2614) ·····	159
	Selection of X1/Z1 and X2/Z2 reports to be printed in the stacked report sequence (#2620)	
	Setting the time range for hourly reports (#2619)	
	Programming of power save mode (#2689) ······	161
	Available GLU/PBLU codes (#2810)	162
	Bill number (#2636)	
	Functional programming for the printer (#2990) ·······	
	Editing guidance/error messages (#2641)······	163
	Validation message (#2642)	
	Slip printer's logo message (#2643) ······	
	RS-232C channel assignment (#2690) ······	
	Barcode reader programming (#2691) ······	
	Remote printer assignment (#2692) ······	168
	Second remote printer assignment (#3653)	
	Remote printer assignment (#3654)	
	Print format for remote printer (#3655) ······	
	Chit receipt format (#3656)	170
	RS-232C interface (#6110, 6111, 6112, 6113, 6115, 6212, 6213, 6220)	
	Programming the CAT interface (#7110, 7111, 7112, 7113, 7114, 7115, 7116)	
	Secret codes to control access to the PGM1 mode, X1/Z1 mode and X2/Z2 mode	173
	(#2630, 2631, 2632) ····································	175
	Loading dynamic UPCs to the main UPC file (#2099)	
	Setting the AUTO key (#2900)	
4.4	TRAINING mode	
12	Reading stored programs	
	Program details and procedures for their reading	1/8
40	Sample printouts	
13	Universal Product Code (UPC) or European Article Number (EAN)	
	UPC or EAN code·····	
	Add-on code	
	NG (X) AND RESETTING (Z) OF SALES TOTALS	
	Summary of reading (X) and resetting (Z) reports and the key operations to obtain the reports	
2	Daily sales totals	
	General report	
	Cashier/Server report ·····	
	Hourly report	
	Full department report	
	Individual group total report on department	
	Full group total report on department ······	
	PLU/UPC report (by designated range or pick up list)	
	PLU/UPC report by associated department ·····	
	Individual group total report on PLU/UPC	
	Full group total report on PLU/UPC	
	PLU/UPC zero sales report by department	
	PLU/UPC price category report	
	PLU/UPC stock report (by designated range or pick up list)	
	Commission sales report	205
	GLU/PBLU report	····206

Closed GLU/PBLU report20	<b>)7</b>
Closed GLU/PBLU report by cashier/server20	38
Transaction report20	
Tax report20	)9
Cash in drawer report20	)9
Dynamic UPC report (by designated range or pick up list)21	10
Dynamic UPC report by associated department21	
Dynamic UPC clear (by designated range or pick up list)21	
Dynamic UPC clear by associated department21	
X1/Z1 stacked report21	10
Deleting of non-accessed UPCs21	11
3 Periodic consolidation 21	12
General Overview21	12
Daily net report21	12
X2/Z2 stacked report ·····21	12
COMPULSORY CASH/CHECK DECLARATION21	13
DPERATOR MAINTENANCE21	15
1 In case of power failure21	15
2 In case of printer error21	15
3 Thermal printing21	
Cautions in handling the printer21	15
Cautions in handling the recording paper (thermal paper)21	16
4 Installing and removing the paper roll 21	17
Recording paper specifications21	
Installing the paper roll21	
Removing the paper roll21	
Removing a paper jam22	
5 Cleaning the print head22	
6 Removing the till and the drawer22	
7 Opening the drawer by hand22	
8 Before calling for service22	
Error message table22	
LIST OF OPTIONS22	24
EDECIFICATIONS 99	O.E.

This is a "Table of Contents preview" for quality assurance

The full manual can be purchased from our store:

https://the-checkout-tech.com/manuals/sharp/ER-A520A and ER-A530A instruction man

And our free Online Keysheet maker:

https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/

HTTPS://THE-CHECKOUT-TECH.COM