

ELECTRONIC CASH REGISTER

ER-A280F ER-A280N

INSTRUCTION MANUAL





The above illustration shows the model ER-A280N.

CONTENTS

	RODUCTION			
IMF	PORTANT	1		
PR	ECAUTION	1		
CONTENTS				
1.	Part Names and Functions	8		
	External View	8		
	Front view (ER-A280F)	8		
	Rear view (ER-A280F) ······	8		
	Front view (ER-A280N) ······	9		
	Rear view (ER-A280N)	9		
	Printer			
	Keyboard (ER-A280F)			
	Standard keyboard layout			
	Programming keyboard layout ·····			
	Function key list			
	Optional keys ·····			
	Inserting the keyboard sheet			
	Keyboard (ER-A280N)			
	Standard keyboard layout			
	Programming keyboard layout ·····			
	Function key list ·····			
	Optional keys ·····			
	RS232 Connector/SD Card Slot ·····			
	Opening the RS232 connector cover ·····			
	Opening the SD card slot cover			
	Displays			
	Operator display ·····			
	Customer display ·····			
	Screen save mode	20		
2.	Selecting an Operating Mode			
	Operating Modes			
	Mode Selection	22		
•		~~		
3.	Prior to Making Entries			
	Preparations for Entries			
	Receipt paper roll			
	Receipt ON/OFF function			
	Clerk assignment			
	Error Warning			
	Item Selection from the Menu			
	Starting Cash Memory Entry	26		
л	Entries			
4.	Item Entries			
	Single item entries			
		<u> </u>		

	Repeat entries	
	Multiplication entries	
	Split-pricing entries	
	Successive multiplication entries	
	Single item cash sale (SICS)/single item finalize (SIF) entries	
	Special Entries for PLU/EAN	
	Promotion function	
	PLU/EAN link entries ······	
	EAN learning function	
	PLU/EAN information inquiry (view) function	
	EAN price change function	
	Set PLU/EAN entries ·····	
	PLU level shift (for direct PLUs) ······	
	Price level shift ······	
	Display of Subtotals	
	Subtotal	
	Difference subtotal (Differ ST) ······	
	Finalization of Transaction	
	Cash or check tendering	
	Mixed tendering (check + cash)	
	Cash or check sale that does not need any tender entry	0 1 ۵۵
	Credit sale	- 0 10،
	Mixed-tender sale (cash or check tendering + credit tendering)	
	Computation of VAT (Value Added Tax)/Tax	، ب ۱۵
	VAT/tax system ······	40
	VAT/tax system	
	Guest Check (GLU)	
	Guest look up (GLU) system	
	Deposit entries	
	Bill printing	
	Auxiliary Entries	
	Percent calculations (premium or discount)	
	Discount entries	-
	Refund entries	
	Printing of non-add code numbers	
	Payment Treatment	
	Currency exchange	
	Received-on-account entries	
	Paid-out entries ·····	
	No-sale (exchange) ·····	
	Cashing a check ·····	
	Age Verification	
	Electronic Journal View	
	Bank Console Mode ·····	
	TRAINING Mode	
	Overlapped Clerk Entry	63
5.	Correction	
	Correction of the Last Entry (Direct Void)	
	Correction of the Next-to-Last or Earlier Entries (Indirect Void)	65

	Subtotal Void ·····	66
	Correction of Incorrect Entries Not Handled by the Direct, Indirect or Subtotal Void Function	66
6.	Special Printing Function	
	Copy Receipt Printing	67
	Guest Check Copy	68
7.	Manager Mode	
	Entering the Manager Mode	69
	Override Entries	69
	Correction after Finalizing a Transaction	70
8.	Reading (X) and Resetting (Z) of Sales Totals	71
	How to take a X1/Z1 or X2/Z2 report	71
	Flash report	71
	Daily Sales Totals	74
	General report	
	Department report	77
	Individual group total report on departments	78
	Full group total report on departments	78
	PLU/EAN report by designated range	79
	PLU/EAN report by associated department	
	PLU/EAN stock report	
	PLU/EAN zero sales report (full) ······	81
	PLU/EAN zero sales report (by dept.)	
	PLU/EAN price category report	
	Transaction report	
	Total in drawer report ······	
	Commission sales report	
	Individual clerk report (In case of clerk only system)	
	Full clerk report	83
	Individual clerk report (In case of clerk only system)	
	Individual clerk report (In case of clerk + cashier system)	
	Full cashier report (In case of clerk + cashier system)	
	Individual cashier report (In case of clerk + cashier system)	87
	Hourly report	88
	GLU report	
	GLU report by clerk ······	
	Balance report	
	X1/Z1 stacked report ······	
	Periodic Report Sample	
	General information	
	Daily net report	
	X2/Z2 stacked report ······	
	Compulsory Cash/Check Declaration	
		~-
9.	Non-accessed EAN Deletion	94
	Non-accessed EAN report	

10.	Prior to Programming	
	Programming Keyboard Layout	95
	How to Program Alphanumeric Characters	97
	Using character keys on the keyboard	97
	Entering character codes	98
11.	Programming	
	Basic Instructions	
	Programming screen ·····	
	Programming example ·····	
	Article Programming	
	Department	
	PLU/EAN ·····	
	PLU range	
	Set PLU table	
	Link PLU table (for PLU/EAN link)	
	Promotion table	
	EAN Non-PLU code format	
	Press code (for EAN)	
	PLU/EAN stock	
	EAN delete	
	Direct Key Programming	
	Direct key	
	Functional Programming	
	Discount key (🔄 through 斗)	116
	Percent key (101 through 104)	116
	Commission	
	Miscellaneous functions	
	Deposit ·····	
	RA/RA2	
	PO/PO2	
	Cash in drawer ····· Check change ·····	
	Media Key Programming	
	Cash key (Cash, Cash2)	
	Cash key (Cash, Cash2) Check key (Check1 through Check4)	
	Credit key (Credit1 through Credit4)	
	Check cashing (Check1 through Check4)	
	Foreign currency (Exchange1 through Exchange4)	
	Foreign currency drawer	
	Training Clerk/Cashier Programming	
	Function Text Programming	
	Personnel Programming	
	Clerk ·····	
	Cierk Cashier	
	Manager	
	Terminal Programming	
	Date/Time Setting	
	Date/ Time Setting	
	Optional Feature Selection ·····	
		104

	Function prohibition ·····	
	Function selection	136
	Printing selection	
	EURO	
	Report Programming	
	Zero skip ·····	
	Hourly report ·····	
	Stacked report ·····	
	Message Programming	
	Receipt logo	
	Device Configuration Programming	
	Built-in printer ·····	
	Scanner ·····	
	On-line	
	Control unit (only available in specific counties)	
	GLU Code Programming ·····	
	Tax Programming	
	On-line Configuration Programming	
	VMP Configuration Programming	
	Automatic Sequencing Key Programming	
	SD CARD Mode	
	Inserting and removing an SD memory card	
	SD card formatting	
	Folder code selecting ······	
	Folder creating	
	Data saving	
	Data loading ·····	
	Reading of Stored Programs	
	Program reading sequence ·····	
	Sample printouts	156
12.	Electronic Journal/Data Clear	
	Electronic journal ·····	
	Data clear ·····	167
13.	European Article Number (EAN) or Universal Product Code (UPC)	168
	EAN or UPC code	
	Add-on code ·····	170
		. – .
14.	EURO Migration Function	1/1
45	Operator Maintenance	170
15.	In Case of Power Failure	
	In Case of Printer Error	
	Cautions in Handling the Printer and Recording Paper	-
	Cautions in handling the printer and Recording Paper	
	Cautions in handling the recording paper (thermal paper) Installing and Removing the Paper Roll	
	Recording paper specifications	
	Installing the receipt paper roll	1/5

Removing the receipt paper roll	
Cleaning the Printer (Print Head/Sensor/Roller)178
Removing the Till and the Drawer	
Opening the Drawer by Hand	
Drawer Lock Key	
Removing the Till and the Drawer	
Opening the Drawer by Hand	
Drawer Lock Key	
Installing the Fixing Angle Bracket	
16. Options	
List of Options	
17. Specifications	

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

The full manual can be found at http://the-checkout-tech.com/estore/catalog/

We also offer free downloads, a free keyboard layout designer, cable diagrams, free help and support.

<u>http://the-checkout-tech.com</u>: the biggest supplier of cash register and scale manuals on the net