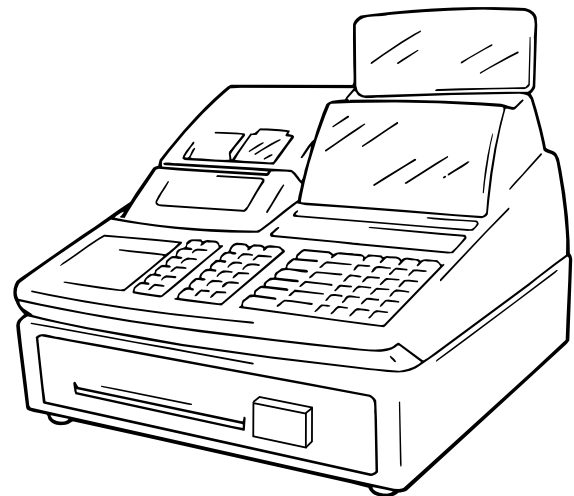




TEC Electronic Cash Register

MA-1450-1 SERIES

Owner's Manual



TOSHIBA TEC CORPORATION

TABLE OF CONTENTS

	Page
1. TO OUR CUSTOMERS	1-1
2. UNPACKING	2-1
3. APPEARANCE AND NOMENCLATURE	3-1
4. MODE LOCK AND MODE SELECTOR KEYS	4-1
4.1 MODE LOCK	4-1
4.2 MODE SELECTOR KEYS	4-1
5. DISPLAY	5-1
5.1 NUMERIC DISPLAY	5-2
5.2 TRIANGULAR LAMPS	5-2
5.3 STATUS LAMPS	5-2
6. OUTLINE OF PREPARATION PROCEDURE BEFORE OPERATING THE ECR	6-1
6.1 INSTALLING THE RECEIPT/JOURNAL ROLL	6-2
6.2 SETTING THE RIBBON CASSETTE	6-5
7. CASHIER SIGNING OR CASHIER KEY OPERATIONS	7-1
7.1 CODE ENTRY METHOD	7-1
7.2 CASHIER KEY METHOD (Hardware Option)	7-3
7.3 CASHIER KEY METHOD ([CLK] Keys)	7-4
7.4 TRAINING MODE START AND END	7-4
8. KEYBOARD LAYOUT	8-1
9. FUNCTIONS OF EACH KEY	9-1

10. REGISTERING PROCEDURE AND PRINT FORMAT	10-1
10.1 RECEIPT-ISSUE/NON-ISSUE SELECTION	10-3
10.2 NO-SALE	10-3
10.3 LOAN	10-4
10.4 DEPARTMENT ENTRY	10-4
10.5 GASOLINE ENTRY	10-5
10.6 PLU ENTRY	10-5
10.7 REPEAT ENTRY	10-6
10.8 QUANTITY EXTENSION (MULTIPLICATION) FOR DEPTs/PLUs	10-6
10.9 SPLIT PACKAGE PRICING	10-7
10.10 HI-CONE PLUs	10-9
10.11 MIX & MATCH (M & M) FUNCTION OF SPLIT-PRICE PLUs	10-11
10.12 TRIPLE MULTIPLICATION	10-12
10.13 SINGLE-ITEM DEPARTMENT or SINGLE-ITEM PLU ENTRY	10-13
10.14 OTHER INCOME DEPARTMENT ENTRY, OTHER INCOME PLU ENTRY	10-13
10.15 SUB-LINK DEPARTMENT ENTRY	10-14
10.16 SUB-LINK PLU ENTRY	10-14
10.17 RETURNED MERCHANDISE	10-14
10.18 BOTTLE RETURN	10-15
10.19 DOLLAR DISCOUNT	10-15
10.20 PERCENT DISCOUNT, PERCENT CHARGE	10-16
10.21 STORE COUPON	10-16
10.22 VENDOR COUPON	10-16
10.23 ITEM CORRECT	10-17
10.24 VOID	10-17
10.25 ALL VOID	10-17
10.26 NON-ADD NUMBER PRINT	10-18
10.27 LISTING CAPACITY OPEN	10-18
10.28 SELECTIVE ITEMIZER (SI) STATUS MODIFICATION	10-19
10.29 TAX STATUS or FOOD STAMP STATUS MODIFICATION	10-19
10.30 MANUAL TAX ENTRY (where irregular tax amount addition is applied)	10-19
10.31 SUBTOTAL (Sale Total Pre-taxed) READ	10-19
10.32 TAXABLE TOTAL (Sale Total With Taxes) READ	10-19
10.33 TAXABLE TOTAL READ and SUBTOTAL PRINT	10-20
10.34 SELECTIVE ITEMIZER (SI) TOTAL READ	10-20

10.35	TAX CALCULATION AND PRINT	10-20
10.36	TAX EXEMPTION	10-21
10.37	FOOD STAMPABLE TOTAL READ, FOOD STAMP TENDERING	10-21
10.38	SALE FINALIZATION BY MEDIA KEYS	10-22
10.39	MULTI-TENDERING	10-22
10.40	SPLIT TENDERING	10-23
10.41	CHECK CASHING (No-sale cashing of a non-cash media)	10-24
10.42	SALE PAID IN FOREIGN CURRENCIES	10-24
10.43	NO-SALE EXCHANGE from Foreign Currency to Domestic Currency	10-25
10.44	NO-SALE EXCHANGE from Domestic Currency to Foreign Currency	10-25
10.45	RECEIVED-ON-ACCOUNT	10-26
10.46	PAID-OUT	10-26
10.47	SALESPERSON ENTRY (Salesperson Sign-ON)	10-27
10.48	HOLD & RECALL	10-27
10.49	RECEIPT POST-ISSUE	10-28
10.50	CHARGE POSTING: Previous Balance Manual Entry Type	10-28
10.51	CHARGE POSTING: Customer File Type (Check Track Memory Option)	10-30
10.52	FUNCTION KEY ENTRY	10-32
10.53	VALIDATION PRINT	10-32
10.54	ENDORSEMENT PRINT	10-33
10.55	REMOTE SLIP PRINTER (hardware option) OPERATION	10-34
10.56	WHEN A POWER FAILURE OCCURS	10-36
11.	JOURNAL AND RECEIPT PAPER-END DETECTOR	11-1
12.	ECR PRINTER MOTOR LOCK DETECTOR	12-1
13.	REMOTE SLIP PRINTER MOTOR LOCK DETECTOR	13-1
14.	PRINTER GUIDE OPEN DETECTOR	14-1

15. PAPER ROLL REPLACEMENT AND OTHER MAINTENANCE OPERATIONS	15-1
15.1 REPLACING THE RECEIPT ROLL	15-1
15.2 REPLACING THE JOURNAL ROLL	15-2
15.3 REPLACING THE RIBBON CASSETTE	15-3
15.4 REPLENISHING INK TO THE STORE NAME STAMP	15-4
15.5 MANUAL DRAWER RELEASING	15-5
15.6 REMOVING THE DRAWER	15-5
15.7 CDC (Cash Drawer Cover; Option) LOCK	15-6
16. SPECIFICATIONS	16-1

6. PROGRAMMING OPERATIONS

This chapter is provided for the store programmer or the store manager who may have to change the programmed data of the MA-1450 series ECR on the daily, weekly, or monthly basis. Usually, all the basic program data required for your store should be set before delivering the product by your local TOSHIBA TEC representative. However, in need of changing or adding program data, please refer to this chapter. It is also recommended to read the OPERATOR'S GUIDE as well as other chapters of the MANAGER'S GUIDE in order to thoroughly understand the descriptions in this chapter. If there are any unclear points or program data other than listed here must be changed or added, please contact your TOSHIBA TEC representative.

TABLE OF PROGRAMMING OPERATIONS

	(page)
BASIC KEY FUNCTIONS AND KEYBOARD VARIATIONS IN PROGRAMMING OPERATIONS	6-2
CHARACTER ENTRIES	6-3
CONDITION REQUIRED FOR PROGRAMMING OPERATIONS	6-8
Submode No. 1: STORE NAME/MESSAGE, COMMERCIAL MESSAGE PROGRAMMING	6-8
Submode No. 2: CASHIER CODE AND NAME PROGRAMMING	6-11
Submode No. 4: PLU TABLE PROGRAMMING	6-14
Submode No. 5: TIME SETTING OR ADJUSTMENT	6-23
Submode No. 6: DATE SETTING OR ADJUSTMENT	6-23
Submode No. 8: AMOUNT LIMIT SETTING FOR FUNCTION KEYS	6-24
Submode No. 15: CUSTOMER FILE CODE (CHECK TRACK NO.) AND NAME SETTING	6-25
Submode No. 20: SALESPERSON CODE AND NAME PROGRAMMING	6-27
Submode No. 25: LINK-PLU TABLE PROGRAMMING	6-28
Submode No. 27: PLU PRESET-CODE KEY SETTING	6-29
Submode No. 35: NEGATIVE AMOUNT KEY LIMIT AMOUNT SETTING	6-32
No Submode No.: DEPARTMENT PRESET PRICE SETTING OR CHANGING	6-33
PLU PRESET PRICE SETTING OR CHANGING, WHOLE PACKAGE QUANTITY CHANGING	6-34
%+ AND %- PRESET RATE SETTING	6-35
PRESET RATE SETTING FOR SELECTIVE ITEMIZERS	6-36
FOREIGN CURRENCY EXCHANGE RATE SETTING	6-38
TAX TABLE PROGRAMMING	6-39
GST RATE SETTING	6-42
STORE/REGISTER NO. SETTING	6-42

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/TEC/MA-1450_owners_programming_manual.htm

And our free Online Keysheet maker:

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

[HTTPS://THE-CHECKOUT-TECH.COM](https://THE-CHECKOUT-TECH.COM)