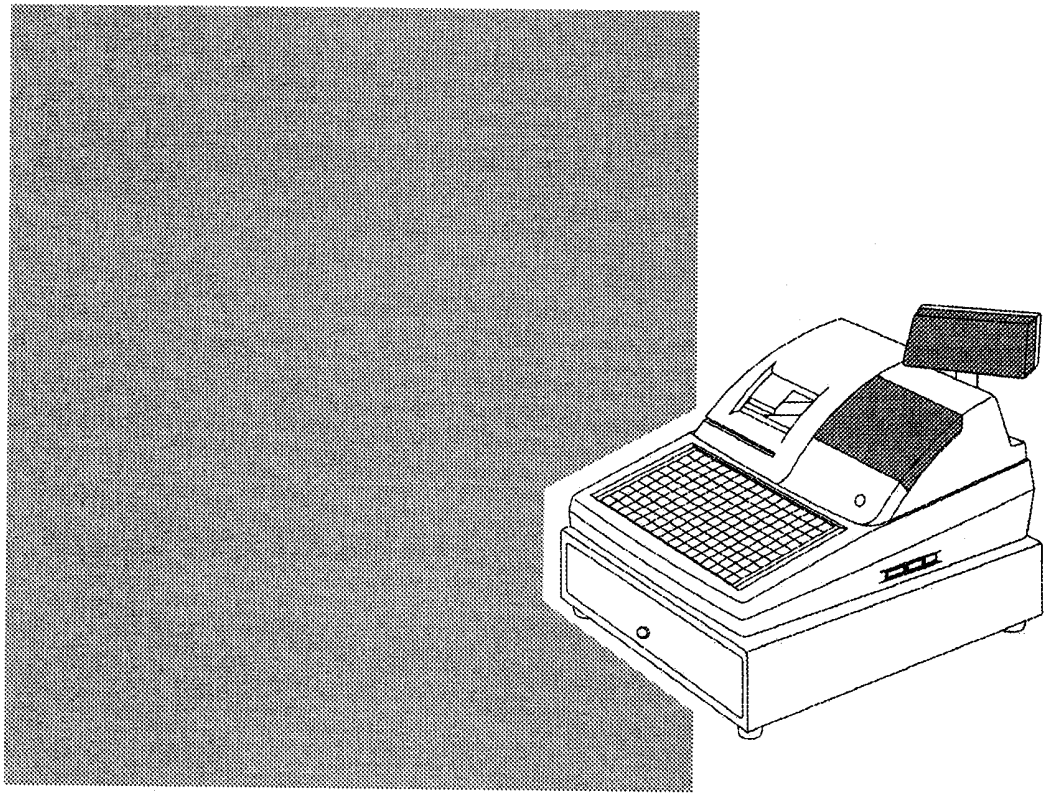
ER-5100

SAMSUNG

ELECTRONIC CASH REGISTER



Programming & Operating Manual

All specifications are subject to change without notice.

TABLE OF CONTENTS

UNPACKING AND STARTING UP 1
FEATURES 9
KEYBOARD LAYOUT 10
FUNCTION KEY DESCRIPTION 11
CONTROL LOCK 13
CONTROL KEYS 13
DISPLAY 14
DISPLAY SYMBOLS 14
PROGRAMMING NOTE 16
1 SERVICE MODE PROGRAMMING 16
1.1 RAM CLEARING 16
1.1.1 INITIAL CLEAR 16
1.1.2 CLEARING TOTALS FROM MEMORY 17
1.2 SETTING THE DEPARTMENTS ORDER 18
2 P MODE PROGRAMMING 19
2.1 DATE & TIME PROGRAMMING 19
2.1.1 DATE PROGRAMMING 19
2.1.2 TIME PROGRAMMING 19
2.2 REGISTER NUMBER PROGRAMMING 19
2.3 TAX PROGRAMMING 20
2.4 VAT RATE PROGRAMMING 20
2.5 DEFAULT LEVEL PROGRAMMING 21
2.6 CLERK SECRET CODE & DRAWER ASSIGNMENT PROGRAMMING 21
2.7 DESCRIPTOR PROGRAMMING 22
2.7.1 PROGRAMMING 22
2.7.2 DESCRIPTOR PROGRAMMING EXAMPLES 23
2.7.3 DESCRIPTOR PROGRAMMING SCAN 24
2.8 DEPARTMENT PROGRAMMING 25
2.8.1 DEPARTMENT STATUS PROGRAMMING 25
2.8.2 DEPARTMENT PRICE OR HALO PROGRAMMING 26
2.8.3 DEPARTMENT PROGRAMMING EXAMPLES 27
2.8.4 DEPARTMENT PROGRAMMING SCAN 29
2.9 PLU PROGRAMMING 30
2.9.1 PLU PROGRAMMING 30
2.9.2 PLU PROGRAMMING EXAMPLES 32
2.9.3 PLU PROGRAMMING SCAN 33

2.9.4 PLU LINK PROGRAMMING 34
2.9.5 REMOVING OR DELETING A PLU 35
2.10 % KEY PROGRAMMING 35
2.10.1 % KEY PROGRAMMING 35
2.10.2 % CALCULATION ROUNDING FACTOR 35
2.11 CASH/TEND KEY PROGRAMMING 36
2.12 CHECK KEY PROGRAMMING 36
2.13 CHARGE KEY PROGRAMMING 36
2.14 PRESET CASH KEY PROGRAMMING 36
2.15 CASH IN DRAWER LIMIT PROGRAMMING 36
2.16 CURRENCY CONVERSION KEY PROGRAMMING 37
2.17 EUROPEAN ROUNDING PROGRAMING 37
2.18 SYSTEM OPTION PROGRAMMING 38
2.19 PARAMETERS PROGRAM SCAN 43

OPERATING NOTE 44
1 CLERK SIGN ON 44
1.1 IN CASE OF 4 CLERKS (SYSTEM OPTION 28's VALUE 'C' = 0) 44
1.1.1 PUSH BUTTON SIGN ON 44
1.1.2 SECRET CODE SIGN ON 44
1.2 IN CASE OF 15 CLERKS (SYSTEM OPTION 28's VALUE 'C' = 4) 44
1.2.1 PUSH BUTTON SIGN ON 44
1.2.2 SECRET CODE SIGN ON 45
2 CLERK SIGN OFF 45
2.1 IN CASE OF 4 CLERKS (SYSTEM OPTION 28's VALUE 'C' = 0) 45
2.2 IN CASE OF 15 CLERKS (SYSTEM OPTION 28's VALUE 'C' = 4) 45
3 REAL CLERK KEY ENTRY 45
4 CLEARING AN ERROR CONDITION 45
5 NO SALE OPERATION 46
6 NON-ADD NUMBER ENTRIES 46
7 PRICE INQUIRY OPERATION 46
8 DEPARTMENT ENTRIES 47
8.1 OPEN DEPARTMENT ENTRIES 47
8.2 PRESET DEPARTMENT ENTRIES 48
8.3 GALLONAGE DEPARTMENT ENTRIES 49
9 PLU (PRICE LOOK UP) ENTRIES 49
9.1 OPEN PLU ENTRIES 49
9.2 PRESET PLU ENTRIES 51

9.3 PLU TO PLU CHAIN OPERATION 52
9.4 PLU ENTRIES BY CODE 52
10 SINGLE ITEM DEPARTMENT OR PLU ENTRIES 53
10.1 SINGLE ITEM PRESET ENTRIES 53
10.2 SINGLE ITEM OVERRIDE ENTRIES 53
11 COMPUTATION OF VAT (Value Added Tax) 53
11.1 INCLUSIVE VAT SYSTEM 53
11.2 EXCLUSIVE VAT SYSTEM 54
12 % KEY ENTRIES 55
12.1 PERCENT RATE DISCOUNT / SURCHARGE 55
12.1.1 ITEM DISCOUNT / SURCHARGE 55
12.1.2 SALE DISCOUNT / SURCHARGE 55
12.2 AMOUNT DISCOUNT / SURCHARGE 56
12.2.1 ITEM DISCOUNT / SURCHARGE 56
12.2.2 SALE DISCOUNT / SURCHARGE 56
13 MERCHANDISE RETURN OPERATION 57
14 VOID OPERATION 57
14.1 VOID OF A LAST ITEM ENTRY (ERROR CORRECT) 57
14.2 VOID OF A PREVIOUS ITEM ENTRY 57
14.3 VOID OUTSIDE OF A SALE 58
14.4 CANCEL (VOID 4) 58
15 ADD CHECK OPERATION 59
16 TENDERING OPERATION 59
16.1 CASH TENDERING 59
16,2 PRESET CASH TENDERING 60
16.3 CHECK TENDERING 60
16.4 CHARGE TENDERING 61
16.5 SPLIT TENDERING 61
16.6 TENDERING WITH CURRENCY CONVERSION 62
16.7 POST TENDERING 62
17 EAT IN / TAKE OUT / DRIVE THRU OPERATION 63
18 CHECK CASHING 63
19 RECEIVED ON ACCOUNT OPERATION 64
20 PAID OUT OPERATION 64
21 TABLE MANAGEMENT 65
21.1 TRANSACTION 65
21.2 CONSOLIDATED RECEIPT PRINTING 65
22 CASHIER OVERLAP 68

22.1 TRANSACTION 68
22.2 CONSOLIDATED RECEIPT PRINTING 68
23 PRINTING A BUFFERED RECEIPT OPERATION 71
24 VALIDATION OPERATION 72
25 RECEIPT MESSAGE PRINTING OPERATION 73
25.1 PREAMBLE MESSAGE 73
25.2 POSTAMBLE MESSAGE 73
26 TRAIN MODE 73

REPORT AND BALANCING 74
1 REPORT MODES 75
2 CASH DECLARATION 75
3 REPORTS 76
3.1 OPEN TABLE (OR OPEN CLERK) REPORT 76
3.2 FINANCIAL REPORT 77
3.3 TIME REPORT 80
3.4 PLU REPORT 81
3.5 FROM / TO PLU REPORT 81
3.6 IN-DRAWER REPORT 82
3.7 DAILY SALES REPORT 82
3.8 INDIVIDUAL CLERK REPORT 83
3.9 FROM / TO DEPARTMENT REPORT 85
3.10 DEPARTMENT REPORT 85

TROUBLE SHOOTING 86
MEMORY PROTECTION BATTERY 86
SPECIFICATION 86
APPENDIX 87
1 CHARACTER CODE TABLE 87
2 ALPHA-NUMERIC KEYBOARD LAYOUT 88
3 COMMUNICATION INTERFACE 89
3.1 PIN DESCRIPTION FOR SERIAL INTERFACE 89
3.2 CABLE SPECIFICATION 89
4 COMMUNICATION WITH PC 90
5 PRINTING ON THE ROLL PRINTER 90
6 SCALE 91
6.1 DIRECT SCALE ENTRY 91
6.2 MANUAL WEIGHT ENTRY 91

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/samsung/ER-5100 operating and programming A

And our free Online Keysheet maker:
https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/

HTTPS://THE-CHECKOUT-TECH.COM