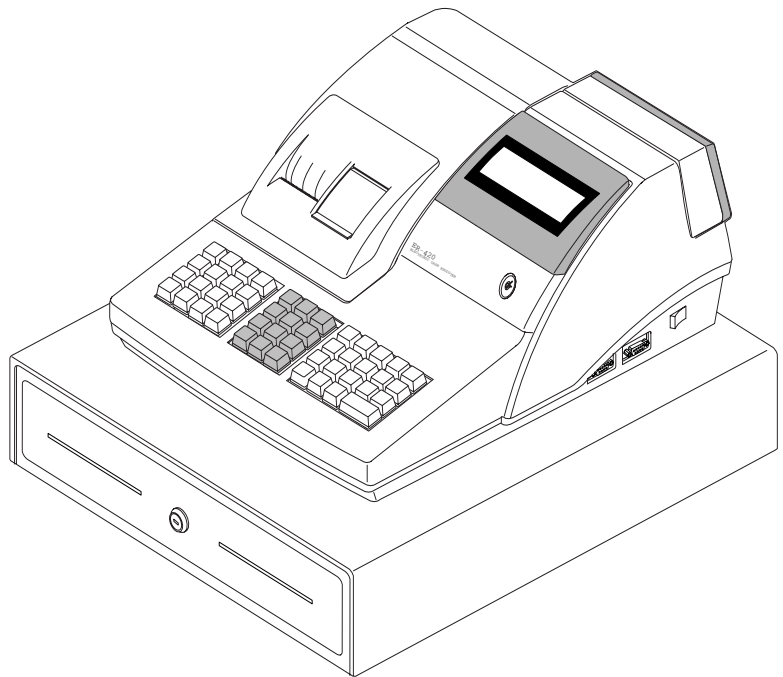


SAM4S

ER-420M Electronic Cash Register AU

Operation and Program Manual



All specifications are subject to change without notice

JK68-60964P(Rev.02)
From *ER-420M* v1.0 up to v2.1

Contents

Getting Started	1
About the <i>ER-420M</i>	1
Unpacking.....	2
Installing the Paper	2
Basic Features and Functions	5
Standard Hardware	5
Optional Hardware	5
Software Features	5
Front Display	6
Rear Display	7
Error Code Table.....	9
Control Lock	10
Keyboards.....	11
Memory Clear	12
Memory All Clear (RAM Clear)	12
Initial Clear (Status Clear).....	13
 Operating Instructions	 14
Function Key Descriptions	14
Clerk Sign-On/Sign-Off	18
Direct Sign-On	18
Coded Sign-On.....	18
Receipt On and Off.....	19
Item Registrations.....	20
Keyboard PLU Entry - Open Price / Preset Price Override	21
Keyboard PLU Entry - Preset Price.....	21
Keyboard PLU Entry - Repeat	22
Keyboard PLU Entry - Multiplication.....	23
Keyboard PLU Entry - Direct Multiplication with Preset Price.....	23
Keyboard PLU Entry - Multiplication with Decimal Point.....	24
Keyboard PLU Entry - Split Pricing	25
Keyboard PLU Entry - Single Item.....	25
Code PLU Entry - Open Price	26
Code PLU Entry - Preset Price / Single Item	26
Code PLU Entry - Preset Price Override.....	27
Code PLU Entry - Repeat.....	27
Code PLU Entry - Multiplication	28

Code PLU Entry - Multiplication with Decimal Point	28
Code PLU Entry - Split Pricing	29
Modifier Key	30
Price Level Key	31
Promo	32
Waste	33
KBD SHIFT	34
Percent Key Operations	35
Preset Percent Discount on an Item	36
Enter a Percent Discount on an Item	36
Preset Percent Discount on Sale Total	37
Enter a Percent Discount on Sale Total	37
For Surcharge Operation	37
Dollar Amount Discount on Sale	38
Dollar Amount Discount on Item	38
Return Merchandise Registrations	39
Voids and Corrections	40
Error Correction (Void Last Item)	40
Void Previous Item	40
Cancel	41
Void Position Operations	41
No Sale Operations	42
Open Drawer	42
Non Add Number	42
Received On Account Operations	43
Paid Out Operations	44
Subtotaling a Sale	45
Eat In/Take Out/Drive Thru Sales	45
Totaling and Tendering	46
Totaling a Cash Sale	46
Totaling a Check Sale	46
Tendering a Cash Sale	47
Tendering a Check Sale	47
Totaling a Charge (EFTPOS) Sale	48
Tendering a Charge (EFTPOS) Sale	48
Cash Out within a Charge (EFTPOS) Sale	49
Check Cashing	50
Split Tender	50
Post Tender	51
Currency Conversion	51
Table Management and Clerk Interrupt Operations	52
Overview	52
Soft Check - Restaurant Style Billing	53
Hard Check - Monthly Account Style Billing	58
Scale Entry	62
Direct Scale Entry	62
Automatic Scale Entry	63
Tare Weight Entry	63
Manual Tare Weight Entry	64
Manual Weight Entry	65

X/Z Mode 67

Introduction	67
X/Z Reports	68

Running a Report - General Instructions.....	68
Report Table.....	69
Reset Hard Check (Slip) Line #.....	70
Cash Declaration.....	71

Service Mode Programming 73

Overview	73
Memory Allocation Scan.....	74
PC Online Mode.....	74
Memory Allocation.....	75
Program 60 - Memory Allocation Programming.....	75
Clear All Sales Totals.....	76
Program 20 - Clear All Sales Totals.....	76
Clear Grand Total.....	76
Program 30 - Clear Grand Total.....	76
Clear / Delete PLU File.....	76
Program 40 - Clear / Delete PLU File.....	76
EPROM Information.....	76
Program 50 - EPROM Information.....	76
Function Key Assignment Programming.....	77
Program 70 - Function Key Assignment Programming.....	77
Function Key Codes.....	78
RS232C Serial Ports Communication Options.....	79
Program 8x - RS232C Serial Ports Communication Options.....	79

Program Mode Programming 83

Default Programming.....	83
Descriptor Programming Methods.....	83
Program Overlay Method.....	83
Descriptor Code Method.....	84
Tax Programming.....	85
Straight Percentage Tax Rate Programming.....	85
PLU Programming.....	87
Program 100 - PLU Status Programming.....	88
Program 110 - PLU Auto Tare Programming.....	91
Program 150 - PLU Group Assignment.....	92
Program 200 - PLU Price/HALO Programming.....	93
Program 250 - PLU Stock Amount Programming.....	94
Program 300 - PLU Description Programming.....	95
Program 350 - PLU Link Programming.....	96
Program 400 - PLU Delete Programming.....	97
Program 450 - PLU MIX & MATCH Programming.....	98
System Option Programming.....	99
Program 30 - System Option Programming.....	99
System Option Table.....	100
Note: Price Embedded Barcode Format.....	103
Print Option Programming.....	104
Program 40 - Print Option Programming.....	104
Print Option Table.....	105
Function Key Programming.....	109
Program 70 - Function Key Options.....	110
Program 80 - Function Key Descriptor.....	111
Program 90 - Function Key HALO or Percentage Rate.....	112

ADD CHECK (Cafeteria Tray Total).....	113
CANCEL (Cancel a Sale).....	114
CASH	115
CHARGE (1 ~ 8).....	116
CHECK (CHEQUE).....	117
CHECK (CHEQUE) CASHING.....	118
CHECK (CHEQUE) ENDORSEMENT	119
CHECK # (Bill or Account No.).....	120
CURRENCY CONVERSION.....	121
DRIVE THRU / EAT IN / TAKE OUT	122
ERROR CORRECT	123
F/S SUB.....	123
F/S TEND.....	124
GUEST	125
LEVEL1 - 2 (Price Levels).....	125
MACRO (1 ~ 10).....	126
MDSE RETURN.....	126
MODIFIER (1 ~ 5).....	127
#/NS (Non Add#/No Sale).....	128
PAID OUT (1 ~ 3).....	129
PAYMENT (Bill or Account)	129
PBAL.....	130
PRINT CHECK (Bill or Account).....	130
PROMO.....	131
RECD ON ACCT (1 ~ 3)	132
SCALE	133
SERVICE (Bill or Account).....	134
SUBTOTAL.....	135
TABLE	135
TARE.....	136
TAX EXEMPT	137
TIP.....	138
VALIDATE.....	139
VOID	139
WASTE	140
% (1 ~ 5) (Discounts or Surcharges)	141
KBD SHIFT.....	143
Clerk Programming.....	144
Program 800 - Secret Code Programming.....	145
Program 801 - Drawer Assignment & Training Clerk	146
Program 810 - Clerk Description Programming.....	147
Mix & Match Programming.....	148
Program 600 - Trip Level Programming	149
Program 601 - Price Programming.....	149
Program 610 - Mix & Match Description Programming.....	150
Group Programming	151
Program 900 - Group Status Programming	151
Program 910 - Group Descriptors Programming.....	152
Miscellaneous Programming	153
Program 1500 - Macro Key Sequence Programming.....	153
Program 700 - Logo Description Programming	154
Program 701 - Financial Report Message Programming.....	155
Program 710 - Clerk Report Message Programming.....	157
Program 711 - Macro Name Programming	159
Program 1000 - NLU (Number Look Up) Code Number Programming.....	160

Program 1100 - Cash-In-Drawer Limit Programming	161
Program 1200 - Check Change Limit Programming.....	162
Program 1300 - Date and Time Programming	163
Program 1400 - Scale Tare Weight Programming	164
Program 1600 - Machine Number Programming.....	165
Program Scans	166
Program 15 - Program Scans.....	166

Sample Reports **169**

Financial	169
Time.....	173
PLU.....	174
Clerk	175
Individual Clerk.....	176
Groups	177
Stock.....	178
Open Check	179

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-420M operating and programming /](https://the-checkout-tech.com/manuals/samsung/ER-420M_operating_and_programming/)

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)