

SAM4S

Series SER-6500II/6540II

Program Manual



All specifications are subject to change without notice.

©2005, CRS, Inc.
M-SER6500/40II Version 2.0

CRS, Inc.

Limited Warranty and Disclaimers of Warranty

This manual has been developed by CRS, Inc. It is intended for the use of its customers and service personnel and should be read in its entirety before attempting to install, use or program the product(s).

Nothing contained in this manual shall be deemed to be, and this manual does not constitute, a warranty of, or representation with respect to, the product or any of the products to which this manual applies. This manual is subject to change without notice and CRS, Inc. has no obligation to provide any updates or corrections to this manual. Further, CRS, Inc. also reserves the right, without prior notice, to make changes in equipment design or components as it deems appropriate. No representation is made that this manual is complete or accurate in all respects and CRS, Inc. shall not be liable for any errors or omissions contained in this manual. In no event shall CRS, Inc. be liable for any incidental or consequential damages relating to or arising out of the use of this manual. This document contains proprietary information that is protected by copyright. All rights are reserved. No part of this document may be photocopied or reproduced without prior written consent of CRS, Inc.

NOTICE

IF ANY WARRANTY IS EXTENDED TO YOU WITH REGARD TO THE PRODUCT(S) TO WHICH THIS MANUAL APPLIES, IT IS A WARRANTY FROM THE ENTITY OR INDIVIDUAL FROM WHOM YOU DIRECTLY PURCHASED THE PRODUCT(S).

SUBJECT TO THE FOREGOING, UNLESS YOU ARE A DIRECT END USER CUSTOMER OF CRS, INC., CRS, INC. DOES NOT EXTEND TO YOU ANY EXPRESS WARRANTY OR ANY IMPLIED WARRANTY AND EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR USE, OR FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY WARRANTY OF NON-INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS IN CONNECTION WITH THE PRODUCT(S) OR ANY SOFTWARE, DRIVERS, OR PROGRAMMING PRODUCT, WHETHER EMBEDDED IN PRODUCT(S) OR PROVIDED AS A SEPARATE PROGRAM, OR USED IN CONJUNCTION WITH THIS/THESE PRODUCT(S). CRS, INC. SPECIFICALLY DOES NOT WARRANT THAT THE OPERATION OF ANY DRIVERS, SOFTWARE, OR PROGRAMMING PRODUCTS LICENSED HEREUNDER, WHETHER EMBEDDED IN PRODUCTS OR PROVIDED AS SEPARATE PROGRAMS, SHALL BE UNINTERRUPTED OR ERROR FREE OR THAT FUNCTIONS CONTAINED IN SUCH DRIVERS, SOFTWARE OR PROGRAMMING PRODUCTS SHALL OPERATE IN COMBINATION(S) WHICH MAY BE SELECTED FOR USE BY YOU OR OTHERWISE MEET YOUR REQUIREMENTS.

CRS, Inc. is not responsible for any damages or loss, either direct, indirect, special, incidental or consequential, which you may experience as a result of your purchase or use of the product(s). Your sole remedy in the event that you encounter any difficulties with the product(s) is against the entity or individual from whom you purchased the product(s).

Revision 2.0 - April 1, 2005

WARNING - U.S.

THIS EQUIPMENT GENERATES, USES AND CAN RADIATE RADIO FREQUENCY ENERGY, AND IF NOT INSTALLED AND USED IN ACCORDANCE WITH THE INSTRUCTIONS MANUAL, MAY CAUSE INTERFERENCE TO RADIO COMMUNICATIONS. IT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A CLASS A COMPUTING DEVICE PURSUANT TO SUBPART J OF PART 15 OF FCC RULES WHICH ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST SUCH INTERFERENCE WHEN OPERATED IN A COMMERCIAL ENVIRONMENT. OPERATIONS OF THE EQUIPMENT IN A RESIDENTIAL AREA IS LIKELY TO CAUSE INTERFERENCE IN WHICH CASE THE USER, AT HIS OWN EXPENSE, WILL BE REQUIRED TO TAKE WHATEVER MEASURES MAY BE REQUIRED TO CORRECT THE INTERFERENCE.

NOTICE - CANADA

THIS APPARATUS COMPLIES WITH THE CLASS "A" LIMITS FOR RADIO INTERFERENCE AS SPECIFIED IN THE CANADIAN DEPARTMENT OF COMMUNICATIONS RADIO INTERFERENCE REGULATIONS.

CET APPAREIL EST CONFORME AUX NORMES CLASS "A" D'INTERFERENCE RADIO TEL QUE SPECIFIER PAR MINISTRE CANADIEN DES COMMUNICATIONS DANS LES REGLEMENTS D'INTERFERENCE RADIO.

ATTENTION

The product that you have purchased may contain a battery that may be recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of the battery into the municipal waste system.

Check with your local solid waste officials for details concerning recycling options or proper disposal.

Contents

Introduction	5
About the Samsung SER-6500II Series.....	5
Using This Manual.....	6
S-Mode Programming.....	6
P-Mode Programming.....	6
X-Mode/Managers Section.....	7
Features and Options.....	8
Standard Features	8
Optional Features.....	9
Display.....	10
Special Messages Displayed.....	11
Error Messages	12
Printer	16
Model: Samsung ERP-400.....	16
Logo Stamp	16
Character Chart	17
Sample Receipt.....	18
Two-Line Print Conditions	18
Changing Paper & Print Ribbon	19
Changing/Installing the Printer Ribbon Cartridge.....	19
Loading the Receipt Printer:	19
Initial Loading of the Detail Printer	20
Keylock.....	21
Control Lock Access.....	21
Keys	21
Keyboards	22
Keyboard Key Location Codes	24
Optional Peripherals for the SER-6500II/6540II	25
Scale.....	25
Scanner	25
Pole Display.....	25
Coin Changer	25
Printers.....	25
Flatbed/Guest Check.....	25
Kitchen Video.....	26
Polling.....	26
Installation Guide.....	27
Power Requirements	27
Environmental Requirements.....	27
IRC.....	28
S-Mode Programming	31

Introduction	31
Changing the Register Number	33
S-Mode Program 10 - Service Procedures.....	34
Memory Allocation.....	34
Calculate Memory Requirements	35
Memory Allocation Programming Procedure.....	36
Memory Allocation Programming Procedure.....	37
Clearing Totals and Diagonistics	39
S-Mode Program 11 – Communication Testing.....	42
S-Mode Program 20 - Keyboard Key Re-Location	43
Install Default Keyboard.....	43
S-Mode Function Key Codes.....	44
S-Mode Program 30 - System Option Programming.....	45
S-Mode 30 - SUBTOTAL PROGRAMMING	46
S-Mode Programming Notes.....	50
Price/Weight Type Barcode Format Definitions	51
SER-6500II / SER-6540II Eprom Upgrade Instructions.....	52
Procedure to transfer EPROM application from register to other registers.....	52

P-Mode Programming

53

Introduction	53
Initial Clear Procedure	57
P-Mode Program Scans - 15 SBTL.....	58
P-Mode System Options - 40 SBTL.....	59
P-Mode System Options - 40 SBTL Programming Notes	62
P-Mode Print Options - 50 SBTL	64
Print Option Programming Notes	68
Examples of Report Print Customization	69
P-Mode Communications Programming - 60 SBTL.....	77
Typical System Option Settings for Printer Installations	87
P-Mode Tax Rate Programming	87
Straight Percentage Programming	89
Individual Function Key Programming.....	92
Program 70 – Function Key Options.....	92
Program 80 – Function Key Descriptor.....	92
Program 90 – Function Key HALO/Amount.....	94
ERROR CORRECT/VOID	95
RETURN MDSE	96
CANCEL.....	97
PAID OUT	98
RECEIVED ON ACCOUNT	99
#/No Sale.....	100
% Keys.....	102
CASH.....	105
CHECK.....	106
CHECK CASHING	107
CHARGE (1-8).....	108
EAT-IN TAKE OUT DRIVE THRU	111
ADD CHECK.....	112
FOOD STAMP TEND.....	113
TAX EXEMPT.....	114
CURRENCY CONVERSION	115
TIME IN/TIME OUT	117

SCALE.....	118
PROMO.....	119
WASTE.....	120
SIZE Keys (1-5).....	121
MODIFIER Keys (1-5).....	122
PRINT Key.....	123
MACRO Key.....	126
PLU PRICE Key.....	126
File Tracking, Charge Posting, Previous Balance & Table Service.....	127
Function Key Overview.....	127
Overview of Operations.....	128
P/BAL Key.....	130
GUEST # Key.....	131
TABLE # Key.....	132
CHECK # Key.....	133
TIP Key.....	135
PRINT CHECK Key.....	136
SERVICE Key.....	137
PLU Programming.....	138
Building a PLU Number Using SIZE and MODIFIER Keys.....	139
Report Groups / Kitchen Printing.....	141
100 SBTL - PLU Status Programming.....	143
200 SBTL - PLU Price / HALO Programming.....	146
300 SBTL - PLU Descriptor Programming.....	147
400 SBTL - Programming Linked PLUs.....	149
500 SBTL - Number Look Up (NLU) PLU Assignment.....	149
600 SBTL - Deleting PLUs from Memory.....	150
Clerk/Cashier Programming.....	151
800 SBTL - Secret Sign-on Code Programming.....	151
810 SBTL - Clerk Descriptor Programming.....	151
820 SBTL - Clerk Status Programming.....	153
830 SBTL - Labor Group Descriptor Programming.....	153
835 SBTL - Time Keeping Adjustments.....	153
850 SBTL - Tracking Groups By Cashier.....	154
Kitchen Printer/Video Output.....	155
900 SBTL - Item Group Descriptor Programming.....	155
910 SBTL - Item Group Status Programming.....	155
915 SBTL - Video Group Programming.....	156
920 SBTL - Item Group Output Programming.....	157
930 SBTL - Define Output Devices.....	157
935 SBTL - Define Back-up Output Devices.....	158
940 SBTL - Output Device Banner Descriptor.....	158
Report / Display / Receipt Descriptor Programming.....	159
1000 SBTL - Financial Report Descriptors.....	159
1010 SBTL - Display / Receipt Descriptor Programming.....	160
1020 SBTL - Error Message Descriptor Programming.....	164
1030 SBTL - Clerk Report Message Descriptor Programming.....	168
1100 SBTL - Logo Message Descriptor Programming.....	169
String Report Programming.....	170
1200/1201 SBTL - String 1 Report Sequence Programming.....	170
1300/1301 SBTL - String 2 Report Sequence Programming.....	170
String Report Programming Example.....	171
1250 SBTL - Scheduling String Reports.....	172
1260 SBTL - Scheduling Time Activated Macros.....	172

9999 SBTL - IRC Program Transfer.....	173
1400 SBTL - Date and Time Programming	174

X-Mode Programming **175**

Introduction	175
77 SBTL - Set Default Size	176
78 SUBTOTAL - Set Default Modifier	177
88 SBTL - Enter/Exit Training Mode.....	178
99 SBTL - Receipt On / Off.....	179
X-Mode Cash Declaration	180

SER-6500II/6540II Reports **183**

Overview.....	183
Report Table.....	185
Report Examples	188
Financial Report.....	188
Financial Report Notes	189
IRC Reports.....	190
Sales Time Report	191
PLU Reports	192
All Clerks/Cashiers Report Individual Clerk/Cashier Report.....	193
Drawer Reports.....	194
Financial Group Report	195
Labor Groups Report	196
Daily Sales Report	197
Time Keeping Reports	198
Items by Group Report.....	199
Open Check Reports	200
Clear Pre-polling memory.....	201
String Reports	202
Balancing Formulas	203

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/SER-6500II and SER-6540II programm](https://the-checkout-tech.com/manuals/samsung/SER-6500II%20and%20SER-6540II%20programm)

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)