



SPS-500 Series

# Program Reference Manual



All specifications are subject to change without notice.

©2010, CRS, Inc.  
PM-SPS-500 manual version 1.5

# Contents

<b>Introduction</b>	<b>9</b>
SAM4s SPS-500 Series Overview.....	9
Power Requirements.....	9
Safe Operation.....	10
Important Battery Backup Note.....	10
SAM4s SPS-500 Configurations.....	10
Standard Hardware.....	10
Standard Connectivity.....	11
Software.....	11
Controls & Connections.....	12
Front Panel Angle Adjustment.....	12
Rear Customer Display.....	13
SD Memory Card Slot.....	13
Connection Panel.....	14
Control Lock.....	15
Default Screen Layout.....	16
Screen Saver.....	16
X Mode Main Menu.....	17
Z Mode Main Menu.....	17
P Mode Main Menu.....	18
S Mode Main Menu.....	18
Keylinks.....	19
Custom Screen Layouts.....	20
Initialize.....	21
Memory All Clear.....	21
<b>Software Installation &amp; SD Utilities</b>	<b>23</b>
Overview.....	23
Important: Updating Existing Installations.....	23
Update Methods.....	23
Required Support Resources.....	24
SPS-500 Program Components.....	24
How to Verify Software Versions.....	24
How to Access System Menu.....	25
Application Upgrade/Backup from SD/USB.....	28
Capturing SPS-500 Screens.....	30
Equipment Required.....	30
Screen Capture Procedure.....	30
Image Downloads.....	31
Tips for Getting Images Ready.....	31
Image Download Using SD Memory Card.....	32
Screen Saver Logo.....	33
Downloading Logo Images for the Internal Printer.....	33
<b>S Mode Programming</b>	<b>35</b>
S- Mode Programming Screen.....	35
Self Tests.....	36

Memory Clearing.....	37
Memory Clear Options .....	37
Memory Allocation.....	39
Memory Allocation – Definitions.....	39
Key Relocation .....	42
Key Relocation—Screen Designer .....	42
Key Relocation Screen—Screen Tab .....	43
Key Relocation Screen—PGM Tab .....	44
Key Relocation Screen—Design Tab.....	45
Key Relocation Screen—List Tab.....	45
Function Key Code List.....	45
Function Key Code List.....	46
Function Key Definitions .....	48
System Options .....	55
S Mode System Options – Definitions .....	55
Printer Driver Selections.....	59
Printer Driver - Definitions .....	59
Define Port.....	60
Define Port - Definitions .....	60
S Mode Program Scan Printing .....	62
S Mode Program Scans - Definitions .....	62
Password Notes.....	63
Load Default Messages.....	63
Check Unlock/Clerk Unlock.....	63
SRAM Backup.....	64
Save End User Program.....	64
Restore End User Program .....	65
Save Reports.....	66
Restore Reports .....	66
FTP Transmission.....	67

## **P Mode Programming 69**

P Mode Programming Menu.....	69
PLU.....	70
PLU Add & Change .....	71
PLU Delete .....	74
PLU Status Group .....	75
PLU Stock .....	79
PLU Minimum Stock.....	80
Non-PLU Code.....	80
Age Verification .....	82
PLU Quick Registration .....	84
PLU Integrity Check.....	90
PLU Group .....	91
Function Key .....	92
Function Key Program Summary .....	93
Function Key Programming Notes .....	97
System Options .....	101
General Function Option Definitions .....	102
Tax Option Definitions.....	107
Cash Drawer Option Definitions .....	108
Training Mode Option Definitions .....	109
Level/Modifier Option Definitions.....	109
Tracking File Option Definitions .....	110

Kitchen Printing/Video Option Definitions.....	112
Validation/Subtotal Print Option Definitions.....	114
General Printing Option Definitions.....	115
Report Printing Option Definitions.....	117
Report Options.....	119
Time Keeping Option Definitions.....	120
E.J. (Electronic Journal) & Detail Printing Option Definitions.....	121
Employee.....	123
Authority Level.....	126
Groups By Employee.....	127
Employee Card.....	127
Reports.....	129
Custom Report.....	129
Financial Report/Employee Report.....	130
String Report.....	130
Time.....	131
Time Period.....	131
Time Activated Functions.....	131
Product & Ingredient.....	133
Edit Ingredient.....	133
Recipe Table.....	134
Product Mix Items.....	134
Product Mix Group Time Periods.....	135
Taxes.....	136
Messages.....	138
Default Error Messages.....	138
Default System Descriptors.....	140
Message Definitions.....	140
Printer & KV Routing.....	140
Promotion Table.....	140
File Management.....	140
P Mode PGM Scan.....	140
Key Relocation.....	140

**Appendix 140**

Report Function Key Report Code Structure.....	140
Report # Table.....	140
Report Option Table.....	140

**Glossary of Terms 140**

**Index 140**

**Manual Revision Record 140**

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.

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