

---

SAM4s SPS 2000

# *Operator Manual*



All specifications are subject to change without notice.

©2006, CRS, Inc.  
PM-SPS-2000 Manual Revision 1.6

# **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

<b>Introduction</b>	<b>7</b>
SAM4s SPS-2000 Overview .....	7
Hardware .....	7
Software .....	7
Options .....	7
Safe Operation .....	8
ECR Power Requirements .....	8
About Power Conditioning Equipment .....	9
Surge Protectors and Power Conditioners.....	9
Ground Guard Conditioners .....	9
Uninterruptible Power Supplies (UPS) .....	10
Terminal Controls & Connections .....	11
Front Panel Angle Adjustment .....	11
Rear Display .....	12
SD Memory Card Slot .....	12
Connection Panel.....	13
<b>Getting Started</b>	<b>15</b>
Default Screen Layout .....	15
Custom Screen Layouts .....	16
Screen Saver .....	17
Initialize/Re-boot .....	17
Function Key Definitions .....	18
Keylinks.....	25
Passwords .....	26
Password Notes .....	26
Error Messages .....	27
<b>Basic Operations</b>	<b>33</b>
Signing On/Off .....	33
Sign On by the Employee Key .....	34
Sign On by Push Button Key .....	34
Sign On by Employee Card.....	34
Sign On by Fingerprint.....	34
Sign On by Continue Key .....	34
Sign Off .....	34
Clerk Interrupt .....	35
Clocking In/Out .....	35
Clock In .....	35
Clock Out for Break .....	35
Clock In from Break .....	36
Clock Out for Day .....	36
Clock In/Out by Fingerprint .....	36

Time Clock Edit .....	37
Outside of Sale Functions .....	38
Time Display .....	38
Received on Account.....	38
Paid Out.....	38
Registering PLUs/Items.....	39
Preset PLUs .....	39
Open PLUs .....	39
Code Entry Preset PLUs.....	39
Code Entry Open PLUs.....	39
PLU Price/HALO Override .....	39
Repeat .....	39
PLU Price Inquiry.....	39
Registering a Not Found PLU .....	40
Price Level Shift .....	41
Scale Items.....	41
Print Key.....	42
Auto Grill Item .....	43
Promo .....	43
Waste .....	43
Price Inquiry .....	43
Food Stamp Shift .....	44
Tax Shift/Tax Exemption .....	44
Corrections & Voids .....	45
Clear .....	45
Error Correct.....	45
Void Item.....	45
Cancel .....	45
Transaction Void .....	45
Merchandise Return.....	46
Discounts/Coupons/Surcharges .....	46
Sale (Subtotal) Discounts .....	46
Item Discounts.....	47
Surcharges .....	48
Totalling/Tendering .....	48
Cash .....	48
Check .....	48
Check Cashing.....	49
Miscellaneous (Charge) Tender.....	49
Preset Tender .....	49
Split Tender .....	49
Integrated Payment System Operations.....	49
Foreign Currency Subtotal & Tender .....	51
Food Stamp Subtotal & Tender .....	51
Post-Finalization Procedures .....	52
Paid Order Recall .....	52
Receipt Issue.....	52
Validate .....	52
Quick Service Operations .....	53
Typical QSR Keyboard .....	53
Sample Transaction Receipt .....	54
Drive Thru Operations.....	54
Drive Thru Operations.....	55
Training Mode .....	57
SPS-2000 Delivery System.....	58

Delivery System Features.....	58
Delivery Related Programs.....	58
Delivery Operations .....	59
Guest Check Operations .....	65
Overview .....	65
Manual Previous Balance .....	67
Hard Check Posting.....	69
Soft Check Posting .....	70
Seat # Assignment.....	75
Split Check .....	79
Hold/Print Hold.....	80
List Check .....	82
Repeat.....	83
Transfer Table .....	84
Combine Checks for Payment.....	85
Transfer Check .....	86
Tip Declare .....	88
Using Graphical Table Management .....	90
Graphic Table Management Operations.....	91

## **Reports** 93

Report Menu.....	93
Report Table .....	94
Printing & Saving Reports .....	96
Cash Declaraton.....	97
Edit Inventory Item.....	98
Date Time Setting.....	98
DataTran Operation .....	99
Initialize EFT.....	101
Open Batch.....	101
Close Current Batch/ Close Current Batch with Debit.....	101
Change Batch Number .....	101
Issue Local Total .....	102
Issue Local Transaction.....	102
Issue Local Batch Status Report.....	103
Enable Dial In Load/Enable Dial Out Load .....	103
Gratuity Entry.....	103
Initialize Pin Pad .....	103
Get Gift Card Balance .....	103
Credit Post Authorization .....	104
Report Samples.....	105
Financial Report .....	105
Sales By Time Period .....	107
PLU Reports .....	107
Employee Reports .....	108
Group.....	110
Drawer Totals .....	110
Labor Groups.....	111
Sales and Labor %.....	111
Daily Sales.....	112
Groups By Time Period.....	112
Analysis 1 By Time Periods .....	113
Analysis 2 By Time Periods .....	113
Analysis 3 By Time Periods .....	114

Track By Time Periods.....	114
Open Check .....	115
Product Mix.....	115
Product Projections.....	116
Station Totals.....	116
Daily Time Keeping .....	117
Shift Report .....	118
Inventory .....	120
PLU Stock .....	122
PLU Stock by Group .....	122
Electronic Journal.....	123
Food Cost .....	124
Balancing Formulas .....	125
<b>Program Maintenance</b>	<b>127</b>
PLU Maintenance .....	127
Changing Item Prices .....	127
Employee File Maintenance .....	130
Employee Field Definitions.....	133
<b>Appendix</b>	<b>135</b>
Report Function Key Report Code Structure.....	135
Report # Table .....	135
Report Option Table .....	137
<b>Manual Revision Record</b>	<b>139</b>

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/SPS-2000 owners manual.html](https://the-checkout-tech.com/manuals/samsung/SPS-2000%20owners%20manual.html)

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)