



---

**SAMSUNG SPS 1000**

# **PROGRAM MANUAL**





---

# CONTENTS

## GETTING STARTED

REGISTER CONTROLS – DISPLAY .....	13
FRONT VIEW .....	13
DISPLAY ADJUSTMENTS .....	13
REAR VIEW .....	13
REGISTER CONTROLS – MODE LOCK .....	14
MODE LOCK .....	14
DEFAULT KEYBOARD .....	16
Essential Function Keys .....	16
ALPHA OVERLAY KEYBOARD .....	17
ALPHA CODE PROGRAMMING .....	18
DISPLAY OPERATION – PAGE MOVEMENT .....	20
DISPLAY OPERATION – FIELD SELECTION .....	21
DISPLAY OPERATION – POP UP WINDOWS .....	22
DISPLAY MESSAGES .....	25
DISPLAY MESSAGES .....	26
DISPLAY MESSAGES .....	27
DISPLAY MESSAGES .....	28
DISPLAY MESSAGES .....	29
DISPLAY MESSAGES .....	30
DISPLAY MESSAGES .....	31
DISPLAY MESSAGES .....	32
DISPLAY MESSAGES .....	33
DISPLAY MESSAGES .....	34
DISPLAY MESSAGES .....	35
DISPLAY MESSAGES .....	36
DISPLAY MESSAGES .....	37
DISPLAY MESSAGES .....	38
ERROR CLEAR INIT PROCEDURE .....	40
KEYBOARD CLEAR PROCEDURE .....	41
PROGRAM RESET .....	45
MEMORY ALLOCATION .....	46
MEMORY ALLOCATION - DEFINITIONS .....	47
MEMORY ALLOCATION - DEFINITIONS .....	48
MEMORY ALLOCATION - DEFINITIONS .....	49
MEMORY ALLOCATION - DEFINITIONS .....	49
SELF TESTS .....	52
SELF TESTS - DEFINITIONS .....	53
MEMORY CLEAR .....	54
MEMORY CLEAR - DEFINITIONS .....	55
KEYBOARD KEY RELOCATION .....	56
KEYBOARD KEY RELOCATION - DEFINITIONS .....	57
FUNCTION KEY – LISTING .....	58
FUNCTION KEY – LISTING .....	59
FUNCTION KEY – LISTING .....	60
FUNCTION KEY - DEFINITIONS .....	61

FUNCTION KEY - DEFINITIONS .....	62
FUNCTION KEY - DEFINITIONS .....	63
FUNCTION KEY - DEFINITIONS .....	64
FUNCTION KEY - DEFINITIONS .....	65
FUNCTION KEY - DEFINITIONS .....	66
FUNCTION KEY - DEFINITIONS .....	67
FUNCTION KEY - DEFINITIONS .....	68
FUNCTION KEY - DEFINITIONS .....	69
FUNCTION KEY - DEFINITIONS .....	70
FUNCTION KEY - DEFINITIONS .....	71
S-MODE SYSTEM OPTIONS.....	73
S-MODE SYSTEM OPTIONS – DEFINITIONS .....	74
PRINTER DRIVER SELECTIONS.....	75
PRINTER DRIVER DEFINITIONS.....	76
SERIAL PORT DEVICE SELECTIONS .....	77
SERIAL PORT SELECTIONS - DEFINITIONS .....	78
DEFINE SERIAL PORT PARAMETERS.....	79
SERIAL PORT PARAMETERS - DEFINITIONS .....	80
S-MODE PROGRAM SCANS.....	81
S-MODE PROGRAM SCANS.....	82
SYSTEM PASSWORD .....	83
SUPER MACRO SCAN .....	84
ROM FILE DOWNLOAD.....	85
ROM FILE DOWNLOAD.....	86
LOAD DEFAULT MESSAGES.....	87
DEFAULT ERROR MESSAGES .....	88
DEFAULT ERROR MESSAGES .....	89
DEFAULT SYSTEM DESCRIPTORS.....	90
UNLOCK PROCEDURES.....	91
PLU – PROGRAMMING .....	94
PLU – DEFINITIONS .....	95
PLU – DEFINITIONS .....	96
PLU STATUS GROUP – PROGRAMMING.....	97
PLU STATUS GROUP – DEFINITIONS.....	98
PLU STATUS GROUP – DEFINITIONS.....	99
PLU STATUS GROUP – DEFINITIONS.....	100
GROUP – PROGRAMMING.....	102
GROUP – DEFINITIONS.....	103
FUNCTION KEY – PROGRAMMING .....	104
FUNCTION KEY – LISTING .....	105
FUNCTION KEY – LISTING .....	106
FUNCTION KEY – LISTING .....	107
FUNCTION KEY - DEFINITIONS .....	108
FUNCTION KEY - DEFINITIONS .....	109
FUNCTION KEY - DEFINITIONS .....	110
FUNCTION KEY - DEFINITIONS .....	110

FUNCTION KEY - DEFINITIONS .....	111
FUNCTION KEY - DEFINITIONS .....	112
FUNCTION KEY - DEFINITIONS .....	113
FUNCTION KEY - DEFINITIONS .....	115
FUNCTION KEY - DEFINITIONS .....	116
FUNCTION KEY - DEFINITIONS .....	116
FUNCTION KEY - DEFINITIONS .....	118
FUNCTION KEY - DEFINITIONS .....	119
FUNCTION KEY - DEFINITIONS .....	120
FUNCTION KEY - DEFINITIONS .....	121
FUNCTION KEY - DEFINITIONS .....	122
FUNCTION KEY - DEFINITIONS .....	123
sYSTEM OPTIONS.....	124
SYSTEM OPTION – DEFINITIONS.....	125
GENERAL FUNCTION OPTIONS.....	125
SYSTEM OPTION – DEFINITIONS.....	126
GENERAL FUNCTION OPTIONS.....	126
SYSTEM OPTION – DEFINITIONS.....	127
GENERAL FUNCTION OPTIONS.....	127
SYSTEM OPTION – DEFINITIONS.....	129
GENERAL FUNCTION OPTIONS.....	129
SYSTEM OPTION – DEFINITIONS.....	130
GENERAL FUNCTION OPTIONS.....	130
SYSTEM OPTION – DEFINITIONS.....	131
TAX OPTIONS.....	131
SYSTEM OPTION – DEFINITIONS.....	132
CASH DRAWER OPTIONS.....	132
SYSTEM OPTION – DEFINITIONS.....	133
TRAINING MODE OPTIONS.....	133
SYSTEM OPTION – DEFINITIONS.....	134
LEVEL/MODIFIER OPTIONS.....	134
SYSTEM OPTION – DEFINITIONS.....	135
TRACKING FILE OPTIONS .....	135
SYSTEM OPTION – DEFINITIONS.....	136
TRACKING FILE OPTIONS .....	136
SYSTEM OPTION – DEFINITIONS.....	137
KITCHEN PRINTING/VIDEO OPTIONS .....	137
SYSTEM OPTION – DEFINITIONS.....	138
KITCHEN PRINTING/VIDEO OPTIONS .....	138
SYSTEM OPTION – DEFINITIONS.....	139
VALIDATION/SUBTOTAL OPTIONS .....	139
SYSTEM OPTION – DEFINITIONS.....	140
GENERAL PRINTING OPTIONS .....	140
SYSTEM OPTION – DEFINITIONS.....	141
GENERAL PRINTING OPTIONS .....	141
SYSTEM OPTION – DEFINITIONS.....	142
GENERAL PRINTING OPTIONS .....	142
SYSTEM OPTION – DEFINITIONS.....	143
GENERAL PRINTING OPTIONS .....	143
SYSTEM OPTION – DEFINITIONS.....	144

REPORT PRINTING OPTIONS .....	144
SYSTEM OPTION – DEFINITIONS.....	145
REPORT OPTIONS.....	145
SYSTEM OPTION – DEFINITIONS.....	146
REPORT OPTIONS.....	146
SYSTEM OPTION – DEFINITIONS.....	147
TIME KEEPING OPTIONS .....	147
SYSTEM OPTION – DEFINITIONS.....	148
E.J. & Detail PRINTING OPTIONS.....	148
TAX.....	149
MESSAGES.....	150
DEFAULT ERROR MESSAGES .....	151
DEFAULT ERROR MESSAGES .....	152
DEFAULT SYSTEM DESCRIPTORS .....	153
WLU – WINDOW LOOK UP.....	155
WLU – WINDOW LOOK UP DEFINITIONS .....	156
TIME PERIOD .....	157
EMPLOYEE .....	160
EMPLOYEE - DEFINITIONS .....	161
JOB CODE PROGRAM.....	161
PAY RATE PROGRAM.....	161
AUTHORITY .....	162
AUTHORITY – DEFINITIONS .....	163
AUTHORITY – DEFINITIONS .....	164
AUTHORITY – DEFINITIONS .....	166
PRINTER TABLES AND KV ROUTING .....	167
SYSTEM PRINTER CONFIGURATION .....	168
KITCHEN VIDEO ROUTING .....	169
KITCHEN PRINTER ROUTING .....	170
RECEIPT PRINTER ROUTING .....	171
DETAIL PRINTER ROUTING .....	172
INGREDIENT INVENTORY .....	173
INGREDIENT – DEFINITIONS .....	174
EDIT INGREDIENT .....	174
RECIPE TABLE .....	174
TIME ACTIVATED PROGRAM .....	175
TIME ACTIVATED – KEYBOARD LEVELS.....	176
KEYBOARD LEVEL.....	176
TIME ACTIVATED – PRICE LEVELS.....	177
PRICE LEVEL.....	177
TIME ACTIVATED – MACRO KEYS .....	178
MACROS .....	178
TIME ACTIVATED – STRING REPORTS .....	179
STRING REPORTS.....	179
TIME ACTIVATED – SHIFTS .....	180
SHIFT.....	180
TIME ACTIVATED – KITCHEN PRINTING.....	181
KP TIME PERIOD.....	181
PRODUCT MIX GROUPS PROGRAM.....	183

PRODUCT MIX GROUPS– DEFINITIONS.....	184
PRODUCT MIX GROUPS .....	184
PRODUCT MIX TIME PERIOD .....	184
MIX & MATCH TABLE PROGRAM .....	185
CUSTOM REPORT .....	186
CUSTOM REPORTS programming .....	186
CUSTOM REPORT - DEFINITIONS .....	187
CUSTOM REPORT – EDIT EXISTING REPORTS.....	188
EDIT EXISTING REPORTS .....	188
STRING REPORT.....	189
STRING REPORT - DEFINITIONS.....	190
PLU STOCK ENTRY .....	191
PLU STOCK ENTRY - DEFINITIONS .....	192
PLU STOCK MENU .....	192
PLU STOCK ENTRY .....	192
PLU MINIMUM STOCK PROGRAM .....	193
COPY PROGRAM .....	196
COPY PROGRAM - DEFINITIONS.....	197
COPY PLU.....	197
COPY KEYBOARD LEVEL.....	197
COPY WLU (Window Look UP) .....	197
PROGRAM FILE DOWNLOAD.....	198
PROGRAM FILE DOWNLOAD.....	199
P-MODE PROGRAM SCANS.....	200
NON PLU CODE PROGRAM.....	202
NON PLU – DEFINITIONS .....	203
PLU & WLU KEY RELOCATION.....	204
PLU KEYS.....	204
WLU KEYS (Window Look Ups).....	204
BITMAP FILE DOWNLOAD.....	205
X-MODE MANAGER MENU .....	207
Manager Operation .....	207
X-MODE REPORTS MENU.....	208
TRAINING.....	209
SET DATE & TIME .....	209
CASH DECLARATION .....	210
KEYBOARD & PRICE LEVEL .....	210
TIME CLOCK EDIT.....	211
X/Z1 (DAILY) TIME CLOCK EDIT .....	211
X/Z2 - X/Z5 TIME CLOCK EDIT .....	211
EDIT INVENTORY ITEM .....	212
EDIT PLU STOCK .....	213
STOCK MENU.....	213
DRAWER ASSIGNMENT PROGRAMMING .....	214
Z-MODE REPORTING .....	217
Z-REPORTS .....	217
REPORT LIST .....	219
FINANCIAL.....	221
SALES BY TIME PERIODS.....	223



PLU .....	223
PLU ZERO SALES .....	224
PLU SALES BY PRICE LEVEL .....	225
MIX AND MATCH .....	226
NOT FOUND PLU .....	226
EMPLOYEES .....	227
GROUPS BY EMPLOYEE .....	229
GROUP .....	230
DRAWER TOTALS .....	230
LABOUR GROUPS .....	232
SALES AND LABOUR %.....	232
DAILY SALES.....	233
GROUPS BY TIME PERIOD.....	233
ANALYSIS 1 BY TIME PERIODS .....	233
ANALYSIS 2 BY TIME PERIODS .....	234
ANALYSIS 3 BY TIME PERIODS .....	234
TRACK BY TIME PERIODS.....	234
OPEN CHECK.....	235
PRODUCT MIX.....	236
PRODUCT PROJECTIONS .....	236
STATION TOTALS.....	236
TIME KEEPING .....	237
DAY SHIFT.....	239
INVENTORY .....	242
INVENTORY DEFINITIONS .....	243
PLU STOCK.....	244
PLU STOCK BY GROUP .....	244
FOOD COST .....	244
PLU MINIMUM STOCK.....	246
ELECTRONIC JOURNAL.....	246
BITMAP FILE DOWNLOAD.....	248
PREPARE THE SPS1000 BITMAP DOWNLOAD.....	248
BIT MAP FILE SPECIFICATION .....	248
BITMAP FILE DOWNLOAD.....	249
DESIGN & SAVE A LOGO USING MICROSOFT PAINT.....	249
PC- SETUP OF A BITMAP .....	250
CONVERTING THE BITMAP FOR THE SPS1000 .....	250
DOWNLOADING THE BITMAP TO THE SPS1000.....	250
DOWNLOADING THE BITMAP FILE TO THE PRINTER.....	250
PRINTING THE BITMAP IMAGE .....	250
PC- FLASH ROM DOWNLOAD.....	250
TO prepare receiving terminal .....	251
PC- FLASH ROM DOWNLOAD.....	252
<u>TO TRANSMIT FROM THE PC.....</u>	<u>252</u>
PC ROM ERASE .....	252
PC ROM DOWNLOAD .....	252
WIRING SPECIFICATIONS – SCANNERS.....	254
ZEEBEK SCANNER .....	254
SYMBOL SCANNER .....	254

WIRING SPECIFICATIONS – SCANNERS.....255

    METROLOGIC MS700 Scanner..... 255

    METROLogIC MS951 Scanner..... 255

WIRING SPECIFICATIONS – PRINTERS .....256

    PRINTER all samsung models ..... 256

    RJ45- PRINTER all samsung models..... 256

WIRING SPECIFICATIONS – PC .....257

    to P.C (Via Modem Connection) ..... 257

    DIRECT CABLE TO PC..... 257

WIRING SPECIFICATIONS – PC RJ45 .....258

    (rj45) DIRECT CABLE TO PC ..... 258

WIRING SPECIFICATIONS – IRC .....259

    Two terminals..... 259

    To ETHERNET Hub..... 259

    LOOP BACK CONNECTOR ..... 259

WIRING SPECIFICATIONS – PERIPHERALS .....260

    SAMSUNG Pole Display ..... 260

    Epson DP101 / DP102 Pole Display ..... 260

WIRING SPECIFICATIONS – PERIPHERALS.....261

    PORT LOCATIONS ..... 261

    RS232,IRC and cash drawer PIN LOCATIONS ..... 261

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-1000 programming manual.html](https://the-checkout-tech.com/manuals/samsung/SPS-1000%20programming%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)