
Samsung ER-5200 Series

PC Utility User's Manual



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Introduction

About the ER-5200 PC Utility

The ER-5200 Series PC Utility provides basic PC communication functions for Samsung ER-5200 series ECRs: ER-5215, ER-5240, and ER-5200. This utility was designed primarily as a dealer tool - to save, edit, and download programs.

Note: The ER-5200 Series PC Utility supports only direct onsite connection to the ECR. Modem communications are not supported.

A basic version of the ER-5200 Series PC Utility is distributed without charge. A software key is required for a fully functional utility. This version is can be purchased from CRS by your authorized Samsung dealer.

Basic ER-5200 PC Utility Features (Free Version)

- Multiple Stores
- Save and Load ECR programs
- Convert & Download Logo Bitmaps

Additional ER-5200 PC Utility Features (Full Version)

- Edit ECR programs
- Poll and View Register Reports

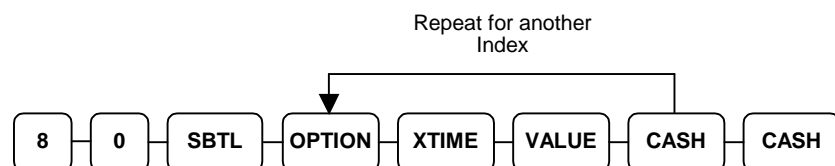
Note: The ER-5200 Series PC Utility was developed to work best with a screen resolution of at least 1024 x 768 pixels.

Getting Started

Setting the ER-5200 RS-232C Port

At the ER-5200, you must select 'PC' as the device that is attached to the RS-232C communications port.

1. Turn the control lock to the **S** position.
2. Enter **8 0** and press the **SBTL** key.
3. Enter **5** and press the **X/TIME** key. (Refer to the RS-232C option chart that follows.)
4. Enter **1** (the value for PC) and press the **CASH** key.
5. Press **CASH** to exit the program.



RS-232 Option Chart

Address	Option	Value	Selection
1	Baud Rate	0	9600 BPS
		1	1200 BPS
		2	2400 BPS
		3	4800 BPS
		4	19200 BPS
2	Parity	0	NONE
		1	ODD
		2	EVEN
		0	8 BITS

Address	Option	Value	Selection
3	Data Bits	0	8 BITS
3	Data Bits	0	71 BITS
		1	2 BIT
5	Device Function	0	NONE
		1	PC
		2	SCALE
		4	Remote Printer
		5	Not used
		7	COIN
		9	Pole Display
6	Initial Feeding Line KP	0 - 20	
7	End Feeding Line KP	0 - 20	
8	Initial Feeding Line Slip	0 - 20	
9	Print Line On Guest Check	0 - 50	
10	Scale Type	0	NCI
		1	CAS
11	Printer Type	0	NONE
		1	SAMSUNG SRP-100
		2	SRP-250
		3	SRP-300
		4	SRP-350
		5	CITIZEN 3550
		6	CITIZEN 810
		7	CITIZEN 230
		8	EPSON TM T88-2
		9	EPSON U200
		10	EPSON U295
		11	EPSON U300
		12	EPSON U325
		13	EPSON U375
		14	STAR SP-200
		15	STAR SP-298
		16	STAR SP-300
		17	STAR TSP-200
		0	EPSON
		1	ICD

Preparing the ER-5200 for Communicatons

The register must be ready for communications:

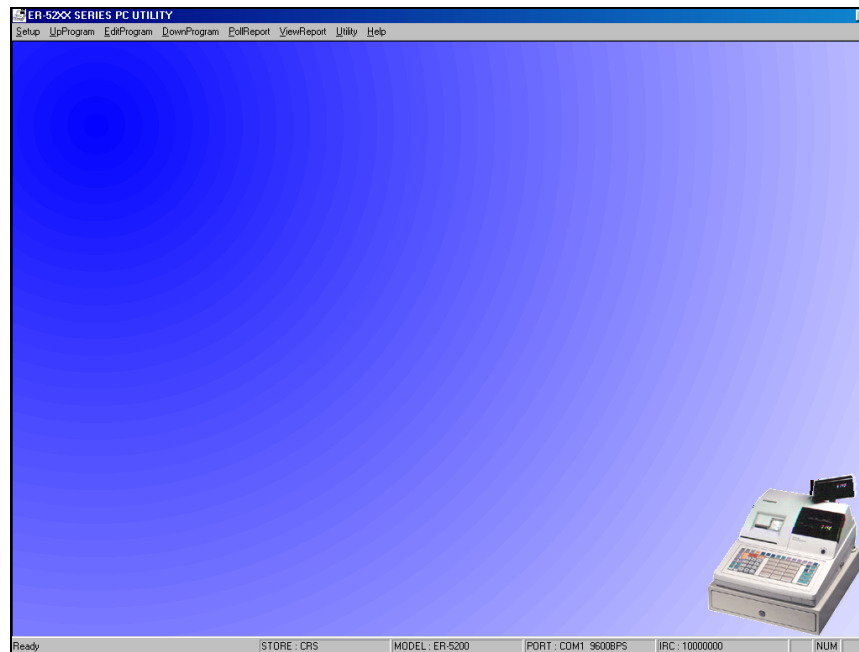
- Connect the register directly to the PC with the appropriate cable. See “Cabling Diagrams” on page 31.
- The register power must be on.
- A clerk must be signed on.
- The register cannot be inside of a transaction.
- The key lock can be in any position.

Installing the Utility

1. From Windows Explorer, locate the file: SETUP5200.exe. Double click the file to open the installation dialog box.
2. Follow the instructions to complete the installation.

Starting the PC Utility

1. Choose **Start, Programs, SHC PC Utility** and then **ER-5200 PC Utility**. The Store Setting dialog box displays.
2. Select the store you wish to open and click the **Close** button. The **ER-52XX Series PC Utility** window opens. The current store is displayed at the bottom of the window.

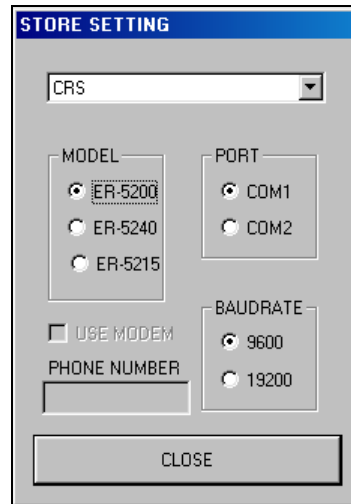


Current Store

Store Settings

There is no limit to the number of stores. When you start the utility for the first time, enter the store name and select the model, PC port and baud rate.

The Store Setting Dialog Box



Selecting a Store

- ◆ Select the working store when you start the utility.
- ◆ To change the working store after the utility has been started, choose **Setup Store** from the **Setup** menu and select a different store from the drop-down list box.

Adding a Store

- ◆ Choose **Add Store** from the **Setup** menu. At the **Add Store** dialog, enter the store name and click **OK**. At the **Store Setting** dialog, select the model, PC port, baud rate and click the **Close** button.

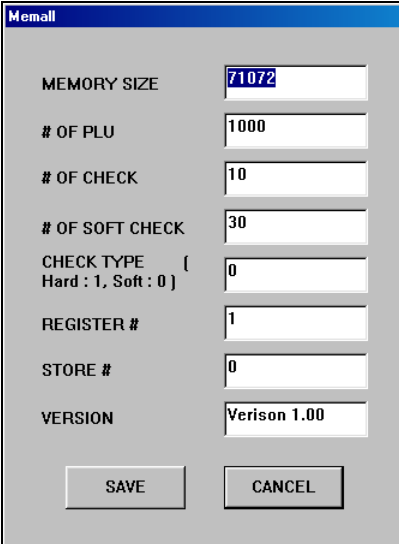
Removing a Store

- ◆ Choose **Remove Store** from the **Setup** menu. At the **Remove Store** dialog, select the store name to remove and click **OK**.

Setting Memory Allocation

Memory allocation is not uploaded or downloaded. At the PC Utility, you must set the memory allocation for each store manually.

1. Start the PC Utility and select the working store.
2. Choose **Setup Memory Allocation** from the **Setup** menu. The **Memall** dialog box displays.



The screenshot shows a dialog box titled "Memall" with the following fields and values:

MEMORY SIZE	71072
# OF PLU	1000
# OF CHECK	10
# OF SOFT CHECK	30
CHECK TYPE (Hard : 1, Soft : 0)	0
REGISTER #	1
STORE #	0
VERSION	Verison 1.00

At the bottom of the dialog box are two buttons: "SAVE" and "CANCEL".

3. Fill the fields of the dialog with the exact memory allocation information from the ER-5200 series register. (You can read the register memory allocation: Turn the key lock to **S**, enter **60**, press **SBTL**, and then press **CASH**.)
4. Click **Save** to exit.

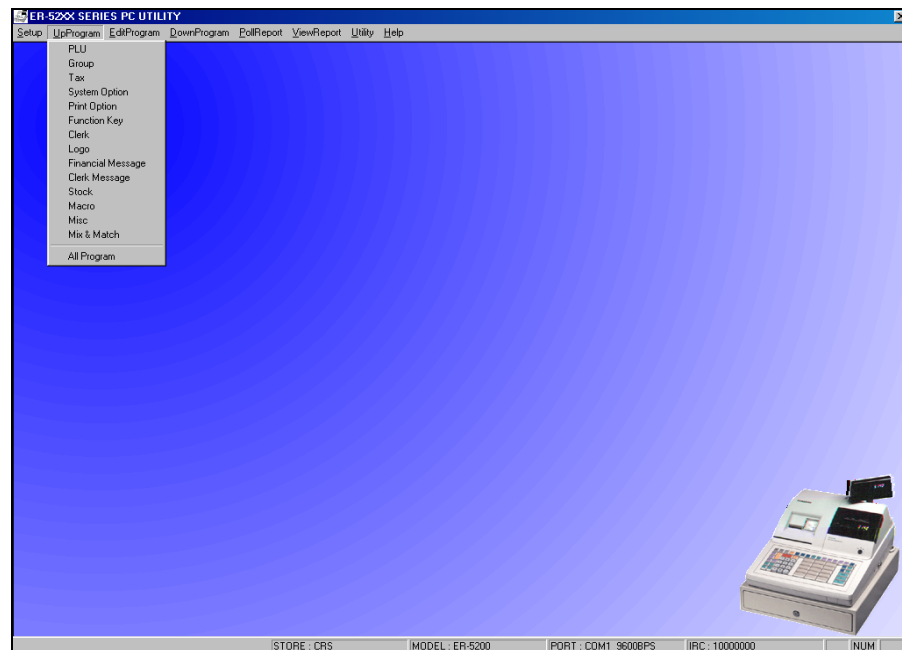
Upload/Download Programs

UpProgram

You must upload a program before program edit functions are allowed.

The Memory Allocation for the Store Setting must match the memory allocation of the register that is being uploaded.

- ◆ Select the program segment you wish to upload from the **UpProgram** menu, or select **AllProgram** to upload the entire register program

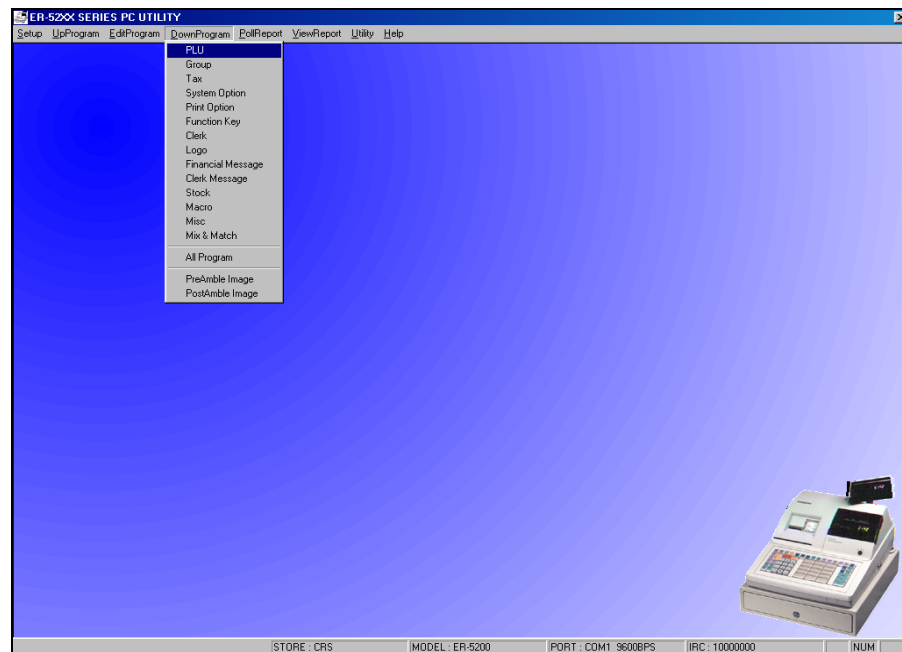


DownProgram

The Memory Allocation for the Store Setting must match the memory allocation of the register that is being downloaded.

Downloading a program will overwrite the existing register program.

- ◆ Select the program segment you wish to download from the **DownProgram** menu, or select **AllProgram** to download the entire register program (not including PreAmble and PostAmble images, that are downloaded separately.)



Edit Programs

Procedures

With the exception of memory allocation, all register programs can be edited with the PC Utility. You will find options neatly organized on dialog boxes, making register option programming on the PC Utility more efficient than programming options at the register.

-
- **A software key is required to edit programs.**
 - **You must upload a program before program edit functions are allowed.**
1. To edit a program, choose the appropriate program from the **EditProgram** menu. An example of each program dialog box is shown in this chapter.
 2. After edits, click **Save** to exit and save changes, or click **Cancel** to exit without saving changes.

Tips

- Each Store's data, including both uploaded program files and polled report files, is located in a separate folder under the ER-5200PC folder.
- If you are building a new register program based upon an existing store, you can copy an existing store's program files to a new store folder. It is often more efficient to modify an existing program than to start over with a new one.
- If you are building a large PLU file with identical (or similar) options for each PLU, you may find the from/to PLU programming at the register useful. For example, you can first program the identical options for a range of PLUs at the register. Then upload the PLU program with the utility. Use the utility to program descriptors, prices and make adjustments to each PLU individually. Finally, you can download the completed program to the register.
- If you have questions regarding the meaning of ECR features, refer the appropriate *ER-5200 Program and Operation* manual for an explanation of your program options.

Program Edit Screens

PLU

PROGRAMMING PLU - Right click to delete an item.

CODE	DESCRIPTOR	P.
1	PLU1	0...
2	PLU2	0...
3	PLU3	0...
4	PLU4	0...
5	PLU5	0...
6	PLU6	0...
7	PLU7	0...
8	PLU8	0...
9	PLU9	0...
10	PLU10	0...
11	PLU11	0...
12	PLU12	0...
13	PLU13	0...
14	PLU14	0...
15	PLU15	0...
16	PLU16	0...
17	PLU17	0...
18	PLU18	0...
19	PLU19	0...
20	PLU20	0...
21	PLU21	0...
22	PLU22	0...
23	PLU23	0...
24	PLU24	0...
25	PLU25	0...
26	PLU26	0...
27	PLU27	0...
28	PLU28	0...
29	PLU29	0...
30	PLU30	0...
31	PLU31	0...
32	PLU32	0...
33	PLU33	0...
34	PLU34	0...
35	PLU35	0...
36	PLU36	0...
37	PLU37	0...
38	PLU38	0...
39	PLU39	0...
40	PLU40	0...

TOTAL PLU#: 117

PLU CODE:

DESCRIPTOR:

GROUP:

PRICE1:

PRESET PRESET OVERRIDE

TAXABLE BY: 1 2 3 4

FOOD STAMP ELIGIBLE NEGATIVE ITEM

HASH ITEM SINGLE ITEM

NON ADD # COMP. GALLONAGE ITEM

INVENTORY ITEM DISABLE

SCALABLE AUTO SCALE

CONDIMENT ITEM CONDIMENT COMP.

PRINT ON RECEIPT PRINT ON DISPLAY

PRINT ON JOURNAL PRINT ON CHECK

PRINT PRICE ON RECEIPT PRINT PRICE ON CHECK

DISABLE PROMO COUNTER NOT RESET

PRESET OVERRIDE IN MGR MOD

LINK PLU CODE:

AUTO TARE:

MIX & MATCH #:

SAVE & EXIT

SAVE & NEW

CANCEL

Groups

GROUP

#	DESCRIPTOR
1	GROUP 1
2	GROUP 2
3	GROUP 3
4	GROUP 4
5	GROUP 5
6	GROUP 6
7	GROUP 7
8	GROUP 8
9	GROUP 9
10	GROUP 10
11	GROUP 11
12	GROUP 12
13	GROUP 13
14	GROUP 14
15	GROUP 15
16	GROUP 16
17	GROUP 17
18	GROUP 18
19	GROUP 19
20	GROUP 20

GROUP 1

DESCRIPTOR:

ADD TO GROUP TOTAL

SEND TO KP

KP PORT: PORT 1 RECEIPT

PRINT RED ON KP

SAVE

CANCEL

Tax

Tax

TAX1

RATE: 0.000

ADD ON
 TAX TABLE
 VAT

GST TAXTABLE

TAX 1
 TAX 2
 TAX 3

SAVE CANCEL

System Option

SystemOption

Beeper Active
 Real Clerk Key

Clerk Entry: Push
 Clerk is: Pop up

Drawer need to be shut to operate
 Activate Drawer open alarm

Seconds to allow Drawer open (1-99): 30

Allow Post Tender
 Open Drawer on Post Tender
 Allow Multiple Receipts
 Cash Declaration Required
 Reset Transaction No. on Z report
 Negative Balance in X mode
 Zero Balance in X mode
 Reset Grand Total after Z report
 Open Drawer When reports run
 Open Drawer during train Mode

Decimal Place: 2
 Date Format: MDY
 % And Tax cal.: Round up at 0.5C
 Split Price Calculation: Round up at 0.5C
 Comp. Eat-In T-Out D-Thru before Tender
 Hash is: Normal

Reset Z counter After Z1 report
 Finan. Rpt. Time Rpt.
 PLU Rpt. Clerk Rpt.
 Group Rpt.

Reset Z counter After Z2 report
 Daily Sales Report

Printer Paper Sensor Active
 Deactivate Split Pricing
 Allow Direct Multiplication

Inventory cnt Program: Counter Replace Curr. Lvl
 Global Entry Limit (0-14): 0
 Direct mult More than one digit
 Tender Validation: AMT of sale

Display add price of linked items
 Allow sale with 0 stock
 Allow SWEDISH round on SUBT
 Allow SWEDISH round on CASH
 Allow Z stock report
 Auto Cutter
 Overlay Descriptor
 % Not affect Net sale
 Disable Cash Declaration
 Clerk Interrupt

Modifier: Pop up after Item
 MGR required to Open/Finalize Checks
 Charge Posting Use

SAVE CANCEL

Print Option

PRINT OPTION

<input type="checkbox"/> Print Media Totals on Clerk Report <input checked="" type="checkbox"/> Print Tax Symbol <input checked="" type="checkbox"/> Print VD Mode and Return on Rpt. <input type="checkbox"/> Print Audaction on Report <input checked="" type="checkbox"/> Skip Zero Totals on Financial Rpt. <input checked="" type="checkbox"/> Skip Zero Totals on Clerk Report <input type="checkbox"/> Print Clerk Report After Finan. Rpt. <input type="checkbox"/> Print Sale Item No. <input type="checkbox"/> Print PLU with Zero Totals on Rpt. <input type="checkbox"/> Print Subtotal when pressed <input type="checkbox"/> Print % of sales on PLU Report <input checked="" type="checkbox"/> Print Consecutive No. <input checked="" type="checkbox"/> Print Date <input checked="" type="checkbox"/> Print Time <input checked="" type="checkbox"/> Print Machine No. <input checked="" type="checkbox"/> Print Clerk Name Home Currency Symbol <input type="text" value="\$"/> <input checked="" type="checkbox"/> Print Z Counter <input checked="" type="checkbox"/> Print Receipt when Sign On/Off <div style="border: 1px solid gray; padding: 2px; margin-top: 5px;"> Print Grand total <input checked="" type="checkbox"/> On X Report <input checked="" type="checkbox"/> On Z Report </div> <div style="border: 1px solid gray; padding: 2px; margin-top: 5px;"> Print Gross total <input checked="" type="checkbox"/> On X Report <input checked="" type="checkbox"/> On Z Report </div>	<input type="checkbox"/> Print Subtotal Without Tax Tax Amount Is <input type="text" value="ITEMIZE"/> <input checked="" type="checkbox"/> Print Tax Amount <input type="checkbox"/> Print Taxable total <input type="checkbox"/> Print Tax % Rate <input type="checkbox"/> VAT Breakdown <input type="checkbox"/> Print Train mode title in Training Mode <div style="border: 1px solid gray; padding: 2px; margin-top: 5px;"> Currency Symbol Conv # 1 <input type="text" value="ä"/> Conv # 2 <input type="text" value="ä"/> Conv # 3 <input type="text" value="ä"/> Conv # 4 <input type="text" value="ä"/> </div> <input checked="" type="checkbox"/> Print KP Order # on Receipt <input type="checkbox"/> Print Price on KP <input checked="" type="checkbox"/> Send to KP in VOID MODE <input type="checkbox"/> Send to KP in TRAIN MODE <input checked="" type="checkbox"/> Combine like Items on KP <input checked="" type="checkbox"/> Consolidation on Check Track Volume Unit <input type="text" value="GAL"/> <input checked="" type="checkbox"/> Print Preamble Message on Receipt <input checked="" type="checkbox"/> Print Postamble Message on Receipt <input type="checkbox"/> Print Preamble on the Guest Check <input type="checkbox"/> Print Postamble on the Guest Check	<input checked="" type="checkbox"/> Not Print Pre/Postamble on Journal <input checked="" type="checkbox"/> AVG Item / Cust <input checked="" type="checkbox"/> AVG \$ / Cust <input type="checkbox"/> Buffer Receipt when receipt <input type="checkbox"/> Priority Print by Group on KP <input type="checkbox"/> Print PLU # on Receipt <input type="checkbox"/> Not Print when Polling Reports <input type="checkbox"/> Print PLU # on PLU Reports Grand Total Is <input type="text" value="GROSS"/> <input type="checkbox"/> Send Order to KP at Subtotal <input type="checkbox"/> Print Date on SERV on Hard Check <input type="checkbox"/> Journal is Normal or Condensed <input type="checkbox"/> Journal is Reverse <input type="checkbox"/> Journal is Off <div style="border: 1px solid gray; padding: 2px; margin-top: 5px;"> on Receipt <input checked="" type="checkbox"/> Pre-Pm Graphic Logo <input type="checkbox"/> Post-Pm Graphic Logo </div> <div style="border: 1px solid gray; padding: 2px; margin-top: 5px;"> on Guest Check <input type="checkbox"/> Pre Pm Graphic Logo <input type="checkbox"/> Pre Post Graphic Logo </div> <input checked="" type="checkbox"/> Pre-Printing Logo is Default <input checked="" type="checkbox"/> Post-Printing Logo is Default Edit Pre Feeding Line (0-5) <input type="text" value="0"/> Edit End Feeding Line (0-5) <input type="text" value="0"/>
--	---	--

Function Key

FuncKey

Function Key

- NOSALE
- % 1
- % 2
- % 3
- % 4
- % 5
- ADDCHK
- CANCEL
- CASH
- CHARGE1
- CHARGE2
- CHARGE3
- CHARGE4
- CHARGE5
- CHARGE6
- CHARGE7
- CHARGE8
- CHKCASH
- CHKENDOR
- CHECK
- CHECK #
- CONV1
- CONV2
- CONV3
- CONV4
- DVTHR
- EATIN
- ERRCORR
- F/S SUB

SAVE

CANCEL

NOSALE

DESCRIPTOR 1 NOSALE

DESCRIPTOR 2 NONADD #

KEY DISABLE UNDER MGR CONTRC
 INHIBIT NO SALE AFTER NON-ADD #
 ENFORCE# ENTRY AT START OF SALE
 PRINT ON N/S
 NON-ADD# PROHIBIT
 COMP. NON-ADD # MUST MATCH MAX DIGIT

MAX DIGIT (0 - 8) 0

PRINT NON-ADD

OK CANCEL

Clerk

CLERK PROGRAMMING

CLK#	DESCRIPTOR
1	CLERK 1
2	CLERK 2
3	CLERK 3
4	CLERK 4
5	CLERK 5
6	CLERK 6
7	CLERK 7
8	CLERK 8
9	CLERK 9
10 ...	CLERK 10

CLERK 1

DESCRIPTOR CLERK 1

CLERK CODE 0

DRAWER ASSIGN(0-2) 1

SAVE CANCEL

NLU

NluPgm

NLU CODE	PLU CODE	DESCRIPTOR
1	1	PLU1
2	2	PLU2
3	3	PLU3
4	4	PLU4
5	5	PLU5
6	6	PLU6
7	7	PLU7
8	8	PLU8
9	9	PLU9
10	10	PLU10
11	11	PLU11
12	12	PLU12
13	13	PLU13
14	14	PLU14
15	15	PLU15
16	16	PLU16
17	17	PLU17
18	18	PLU18
19	19	PLU19
20	20	PLU20
21	21	PLU21
22	22	PLU22
23	23	PLU23
24	24	PLU24
25	25	PLU25
26	26	PLU26
27	27	PLU27
28	28	PLU28
29	29	PLU29
30	30	PLU30
31	31	PLU31

SAVE CANCEL

Macro

Untitled - MacroPgm

File Edit Macro FuncList Help

MACRO 1 MACRO 2 MACRO 3 MACRO 4 MACRO 5 FuncKey CLEAR CURR CLEAR ALL EXIT

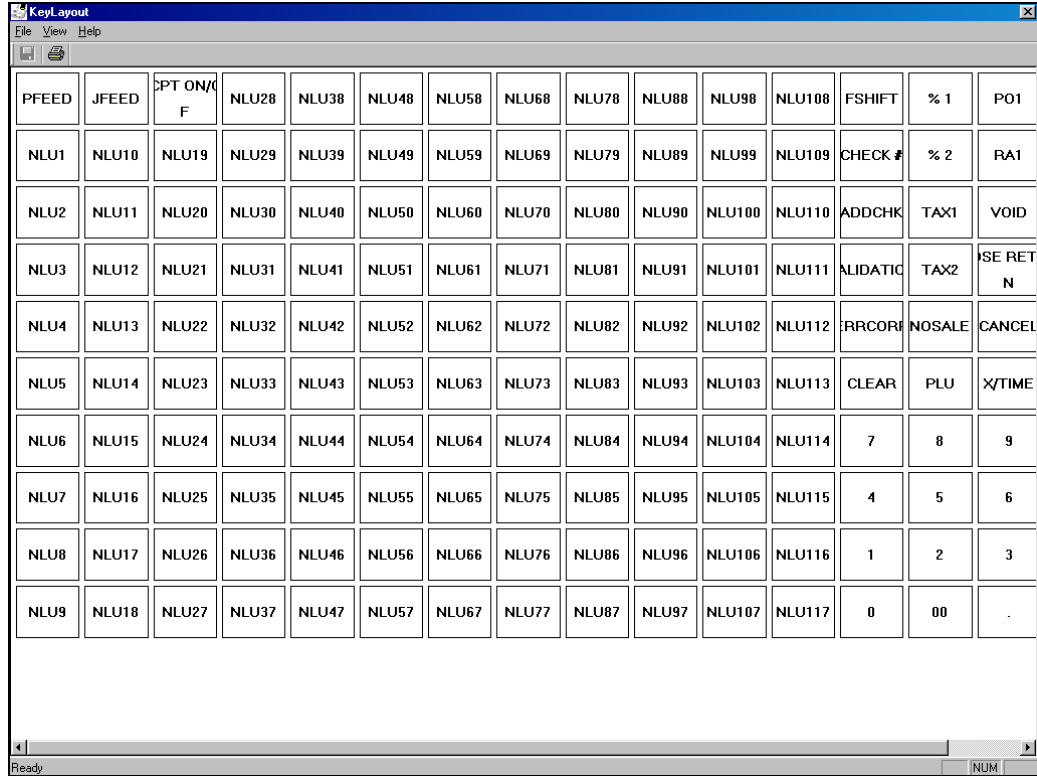
MACRO 1 : MACRO1

PFEED	JFEED	PT ON/O	NLU28	NLU38	NLU48	NLU58	NLU68	NLU78	NLU88	NLU98	NLU108	TAX1	FSHIFT	PD1	CLERK	1:	26:
NLU1	NLU10	NLU19	NLU29	NLU39	NLU49	NLU59	NLU69	NLU79	NLU89	NLU99	NLU109	TAX2	CHECK #	RA1	F/S SUB	2:	27:
NLU2	NLU11	NLU20	NLU30	NLU40	NLU50	NLU60	NLU70	NLU80	NLU90	NLU100	NLU110	% 1	SERVICE	VOID	F/S TEND	3:	28:
NLU3	NLU12	NLU21	NLU31	NLU41	NLU51	NLU61	NLU71	NLU81	NLU91	NLU101	NLU111	% 2	ERRCORP SE RETU	EATIN		4:	29:
NLU4	NLU13	NLU22	NLU32	NLU42	NLU52	NLU62	NLU72	NLU82	NLU92	NLU102	NLU112	% 3	NOSALE	CANCEL	TKOUT	5:	30:
NLU5	NLU14	NLU23	NLU33	NLU43	NLU53	NLU63	NLU73	NLU83	NLU93	NLU103	NLU113	CLEAR	PLU	X/TIME	CHARGE2	6:	31:
NLU6	NLU15	NLU24	NLU34	NLU44	NLU54	NLU64	NLU74	NLU84	NLU94	NLU104	NLU114	7	8	9	CHARGE1	7:	32:
NLU7	NLU16	NLU25	NLU35	NLU45	NLU55	NLU65	NLU75	NLU85	NLU95	NLU105	NLU115	4	5	6	CHECK	8:	33:
NLU8	NLU17	NLU26	NLU36	NLU46	NLU56	NLU66	NLU76	NLU86	NLU96	NLU106	NLU116	1	2	3	SUBTOTAI	9:	34:
NLU9	NLU18	NLU27	NLU37	NLU47	NLU57	NLU67	NLU77	NLU87	NLU97	NLU107	NLU117	0	00	.	CASH	10:	35:

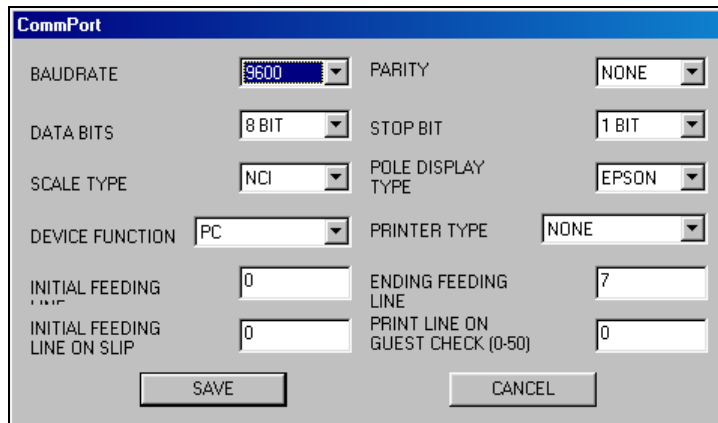
11: 36:
12: 37:
13: 38:
14: 39:
15: 40:
16: 41:
17: 42:
18: 43:
19: 44:
20: 45:
21: 46:
22: 47:
23: 48:
24: 49:
25: 50:

Key Layout

Note: To see the entire keyboard on the screen, the screen resolution must be set to 1024 x 768 pixels.



Comm Port



Mix & Match

MIX&MATCH

#	DESCRIPTOR
1	DISCOUNT1
2	DISCOUNT2
3	DISCOUNT3
4	DISCOUNT4
5	DISCOUNT5
6	DISCOUNT6
7	DISCOUNT7
8	DISCOUNT8
9	DISCOUNT9
10	DISCOUNT10
11	DISCOUNT11
12	DISCOUNT12
13	DISCOUNT13
14	DISCOUNT14
15	DISCOUNT15
16	DISCOUNT16
17	DISCOUNT17
18	DISCOUNT18
19	DISCOUNT19
20	DISCOUNT20

DISCOUNT1

DESCRIPTOR

TRIP

PRICE

Etc. – Tare/Drawer Limit/Change Limit/Machine Number

Etc

TARE WEIGHT

DRAWER LIMIT

CHECK CHANGE LIMIT

MACHINE NUMBER

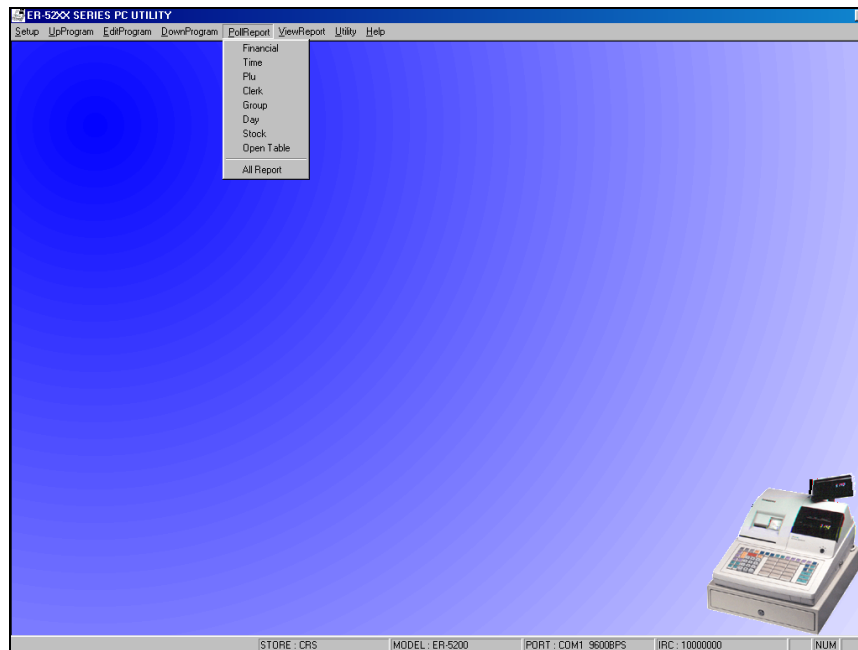
Scan Data

SELECT PROGRAM

Reports

Poll Reports

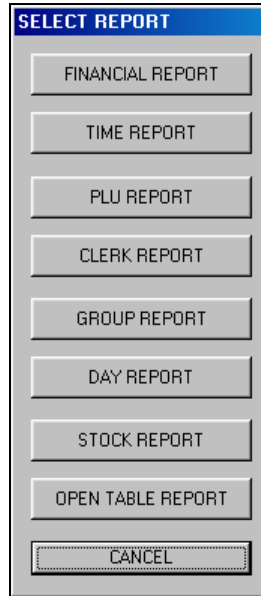
- ◆ Select the report you wish to poll from the **PollReport** menu, or select **AllReport** to upload all reports.



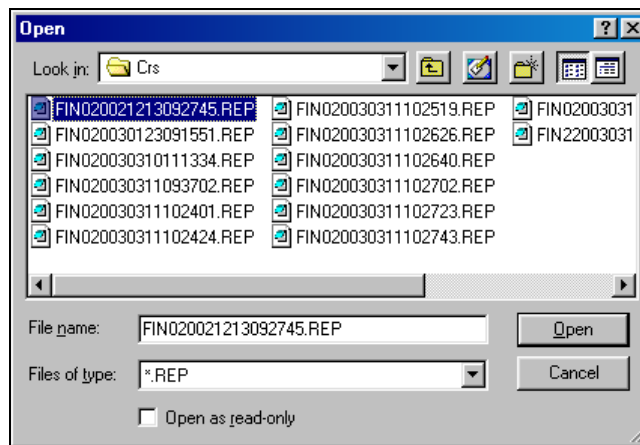
View Reports

Note: Polled report can only be viewed with the built-in viewer. Report files are not ASCII format, nor can they be converted to ASCII format with this utility

1. Select the Individual Report from the ViewReport menu.



2. Click the button that represents the report you wish to view.



3. Select the report you wish to view and click **Open**.

Click to view the next page of the report.

DESCRIPTION	COUNT	TOTAL
+PLU TTL	0	0.00
-PLU TTL	0	0.00
ADJST TTL	0	0.00
NONTAX	0	0.00
TAX1 SALES	0	0.00
TAX2 SALES	0	0.00
TAX3 SALES	0	0.00
TAX4 SALES	0	0.00
TAX1	0	0.00
TAX2	0	0.00
TAX3	0	0.00
TAX4	0	0.00
XMPT1 SALES	0	0.00
XMPT2 SALES	0	0.00
XMPT3 SALES	0	0.00
XMPT4 SALES	0	0.00
EATIN TTL	0	0.00
TAKEOUT TTL	0	0.00
DRTHRU TTL	0	0.00
% 1	0	0.00
% 2	0	0.00
% 3	0	0.00
% 4	0	0.00
% 5	0	0.00
NET SALE	0	0.00
CREDIT TAX1	0	0.00
CREDIT TAX2	0	0.00
CREDIT TAX3	0	0.00
CREDIT TAX4	0	0.00
FD/S CREDIT	0	0.00

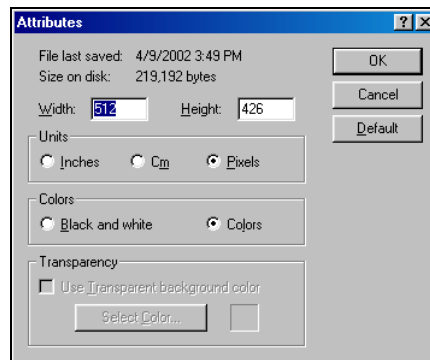
4. Use the scroll bar or the arrow buttons to view the report

Prepare & Load Bitmap Logos

Preparing a Graphic Logo Bitmap for an ER-5200

The image must be black/white, 384 x 192 pixels, and 10 Kbytes or less in size.

1. Open MS Paint.
2. Open the image file you wish to use.
3. Choose **Attributes** from the **Image** menu. The **Attributes** dialog box displays.

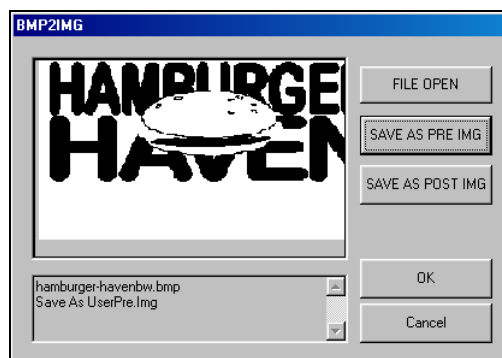


4. The image dimensions must be no larger than 384 pixels wide by 192 pixels high. If the image size in pixels is greater than the maximum, you must resize your image.
 - a. Click **OK** to exit the **Attributes** dialog.
 - b. Select your image. (Choose **Select All** from the **Edit** menu.)
 - c. Using the handles of the selected image, resize the image. Keep the image in the upper left corner of the screen.
 - d. Choose **Attributes** from the **Image** menu. The **Attributes** dialog box displays again. Enter 384 in the **Width** field; enter 192 in the **Height** field; select **Pixels** as the unit. Click **OK** to exit the dialog box.

- e. Your image will be cropped to the 384 x 192 pixel size. If you cropped part of the image you wish to keep, you can undo (Ctrl + Z) and try again. You may have to experiment a bit to resize the image inside the 384 x 192 pixel limit.
5. After the image is sized, select **Black and white** in the **Attributes** dialog.
6. Save your image and confirm that the size is 10k or less.

Download a Graphic Logo to an ER-5200

1. Install the *ER-5200 PC Utility* on your PC.
2. At the ER-5200, set the RS-232C option address #5 to a value of 1 (PC).
(S position; 80 SBTL; 5 X/TIME; 1 CASH; CASH)
3. Return key lock to **REG** and sign on a clerk.
4. Connect the PC to the ER-5200 using one of the following cables:
CRS Part # 522035 (Register DB-9M to PC DB-9F)
CRS Part # 522038 (Register DB-9M to PC DB-25F)
5. At your PC, start the ER-5200 PC Utility. (Select **Start, Programs, SHC PC UTILITY, ER-5200 PC UTILITY.**) The **Store Setting** dialog box displays.
6. If you are starting the ER-5200 PC Utility for the first time, you must define a store name, or if a store is already defined, you can select the store from the drop down list. After the store is defined or selected, click **Close**. The PC Utility program starts.
7. Move the .bmp logos you wish to use into the store directory (i.e. C:/ER-5200PC/storename.)
8. At the PC Utility, choose **Convert Logo Image** from the **Utility** menu. The Bmp dialog box displays.
9. Click **FILE OPEN**. Select the bitmap image you wish to use from the **Open** dialog and click the **Open** command button.
10. Click the **SAVE AS PRE IMG** or **SAVE AS POST IMG** button.



11. When the image is selected, click **OK**. Verify that the message “Save As UserPre.Img” or “Save As UserPost.Img” displays. If the file is too large, and cannot be loaded, the message “File Size Error” display.
12. Choose **PreAmble Image** or **PostAmble Image** from the **DownProgram** menu.
13. The screen will track the progress of the download. When complete, the **COMM COMPLETED** message will display, click **OK**.

Printing the Logo Image – ER-5200 Settings

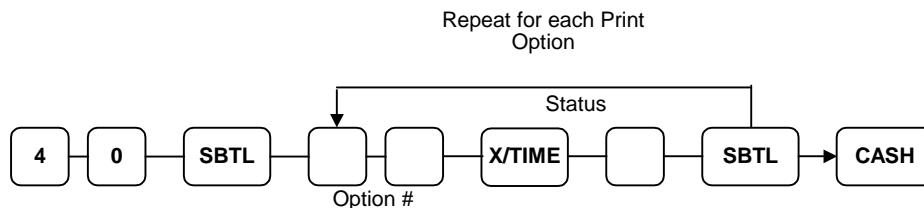
Three addresses in Print Option Programming affect graphic logo printing:

Option #28 – Add the value of 1 to address 28 if you wish to print the pre graphic logo on the receipt. Add the value of 2 to address 28 if you wish to print the post graphic logo on the receipt.

Option #29 – Add the value of 1 to address 29 if you wish to print the pre graphic logo on the guest check. Add the value of 2 to address 29 if you wish to print the post graphic logo on the guest check.

Option #30 – Add the value of 1 to address 30 if you wish to print your custom bitmap instead of the default bitmap “Thank You – Your Receipt”. Add the value of 2 to address 30 if you wish to print your custom bitmap instead of the default bitmap “Call Again”.

Print Option Flowchart (P Key Lock Position)



Appendix

Cabling Diagrams

You can configure cables yourself with the diagram provided here, or you can order the appropriate cables from CRS Parts at 1-800-333-4949.

Direct Connection

Part # 522035

Samsung DB-9M	PC DB-9F
DCD1	1DCD
RXD2	2RXD
TXD3	3TXD
DTR4	4DTR
GND5	5GND
DSR6	6DSR
RTS7	7RTS
CTS8	8CTS
VCC9	9RI

Part # 522038

Samsung DB-9M	PC DB-25F
DCD1	1ChGND
RXD2	2TXD
TXD3	3RXD
DTR4	4RTS
GND5	5CTS
DSR6	6DSR
RTS7	7GND
CTS8	8DCD
VCC9	20DTR