
SAM4s ER-900 Series

PC Utility **User's Manual**



ER-900 Series PC Utility v1.5

All specifications are subject to change without notice.

©2015, CRS, Inc.

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

Contents

Table of Contents

Introduction	5
About the ER-900 PC Utility	5
ER-900 PC Utility Features	5
Getting Started	6
Setting the ER-900 RS-232C Ports	6
RS-232 Option Chart	7
Preparing the ER-900 for Communications	9
Installing the Utility	9
Starting the PC Utility	10
Store Settings	11
Key Type	12
Selecting a Store	13
Adding a Store	13
Removing a Store	13
Upload/Download Programs	14
UpProgram	14
DownProgram	15
Edit Programs	16
Procedures	16
Program Edit Screens	17
PLU	18
Groups	19
Tax	19
System Option	20
Print Option	20
Function Key	21
Clerk	21
Logo/Descriptors	22
PLU Stock	23
NLU	24
Macro	25
Key Layout	26
Comm Port	29
Mix & Match	29
Etc. – Tare Weight / Age Verification / Drawer Limit / Check Change Limit / Machine Number / Datatran No Sign setting	30
Memory Allocation	31
Reports	32
Collecting Reports	32

Saving Reports to an SD Card	32
Report File Conventions.....	32
View Reports	33
Utility	36
 Prepare & Load Bitmap Logos	37
Preparing a Graphic Logo Bitmap for an ER-900.....	37
1. Preparing a Graphic Logo Bitmap for an ER-900 Series.....	37
2. Use the PC Utility to Convert the Image	38
3. Copy the Images to an SD Card.....	39
4. Load the Images by SD Card.....	39
Insert the SD card in the register's SD slot. Note: The SD slot is located in the printer compartment of the ER-900. Remove the security screw to access the slot.	39
5. Saving Images from an ER-900 to an SD Card	40
Printing the Logo Image – ER-900 Settings	40
Print Option Flowchart (P Key Lock Position).....	40
 Import/Export PLU Files	41
PLU PGM to Excel/PLU Excel to PGM Utilities	41
PLU Key for CSV Import/Export.....	41
PLU Key Viewed on Utility PLU Program Window	43
Version	46
Appendix	47
Cabling Diagrams	47
Manual Revision Record	48

Introduction

About the ER-900 PC Utility

The ER-900 Series PC Utility provides basic PC communication functions for SAM4s ER-900 series ECRs: ER-920, ER-940, ER-925, and ER-945. This utility was designed primarily as a dealer tool to save, edit, and download programs.

Note: The ER-900 Series PC Utility supports direct onsite serial connection to the ECR or Modem communications via a phone line.

ER-900 PC Utility Features

- Support Multiple Stores
- Save and Load ECR programs
- Convert & Download Logo Bitmaps
- Edit ECR programs
- Modem connections over a wired phone line.

Note: The ER-900 Series PC Utility was developed to work best with a screen resolution of at least 1024 x 768 pixels.

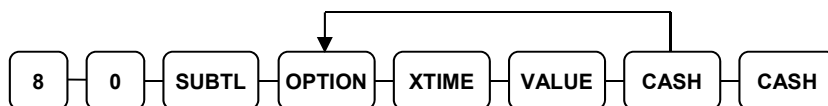
Getting Started

Setting the ER-900 RS-232C Ports

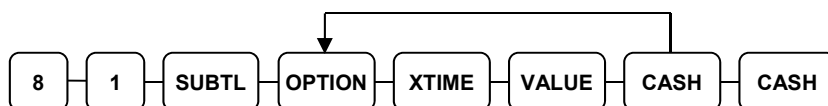
At the Er-900 Series ECR you must select 'PC' as the device that is attached to one of the available RS-232C communications ports.

1. Turn the control lock to the **S** position (6 o'clock position).
2. Enter **8 0** (enter 8 1 to program the second port; 8 2 for the optional third port; and 8 3 for the optional fourth port) and press the **SUBTL** key.
3. Enter **1** and press the **X/TIME** key.
4. Enter the numeric value that represents the baud rate setting that matches the setting in the Er-900 PC Utility. (**0**=9600; **4**=19,200; **6**=57,600)
5. Enter **5** and press the **X/TIME** key. (The complete RS-232C option chart follows for your reference.)
6. Enter **1** (the value for PC) and press the **CASH** key.
7. Repeat from step 2 for additional options you wish to program.
8. Press **CASH** to exit the program.

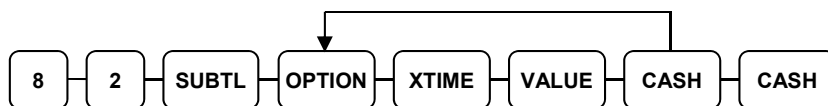
**Port 1
(standard)**



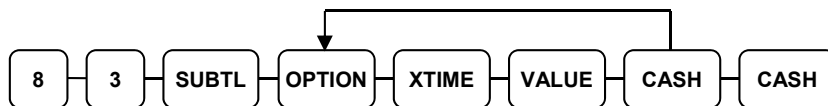
**Port 2
(standard)**



**Port 3
(option)**



**Port 4
(option)**



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
		5	38,200 BPS
		6	57,600 BPS
		7	115,200 BPS
2	Parity	0	NONE
		1	ODD
		2	EVEN
3	Data Bits	0	8 BITS
		1	7 ITS
4	Stop Bits	0	1 BIT
		1	2 BIT
5	Device Function	0	NONE
		1	PC
		2	SCALE
		3	Remote Journal (TVS Interface)
		4	Remote Printer
		5	Liquor Dispenser
		6	Scanner
		7	COIN
		8	EFT Device
		9	Pole Display
		10	PDC
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
		2	CAS Ounce

Address	Option	Value	Selection
11	Printer Type	0	NONE
		1	SAM4s ELLIX10
		2	SAM4s ELLIX20
		3	SRP-270/270, SNBC M280
		4	SRP-350, SNBC R580/2002NP/880NP
		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
12	Display Type	0	EPSON
		1	ICD

Preparing the ER-900 for Communications

The register must be ready for communications:

- Connect the register directly to the PC with the appropriate serial cable. See “Cabling Diagrams” on page 47.
- The register power must be on.
- A clerk must be signed on.
- The register cannot be inside of a transaction or other operation.
- The key lock can be in any position other than OFF.

Installing the Utility

The ER-900 PC Utility can be downloaded from the ER-900 Series page in the Dealer Area on the CRS web site: <https://www.crs-usa.com/products/>

1. Download and extract the **ER900_PC-Utility** to a folder on you PC.
2. From Windows Explorer, locate the file: **Setup900.exe**.
3. Double click the file to open the installation dialog box.
4. Follow the installation wizard instructions to complete the installation.

Starting the PC Utility

1. Choose **Start, Programs, SHC PC Utility** and then **900PC**. The Store Setting dialog box displays.
Note: If you are starting the utility for the first time, you will be prompted to add a store. Enter the Store Name and press OK.
2. Select the store you wish to open from the Store Settings drop-down list box and click the **Close** button. The **ER-900 Series PC Utility** main screen is displayed.



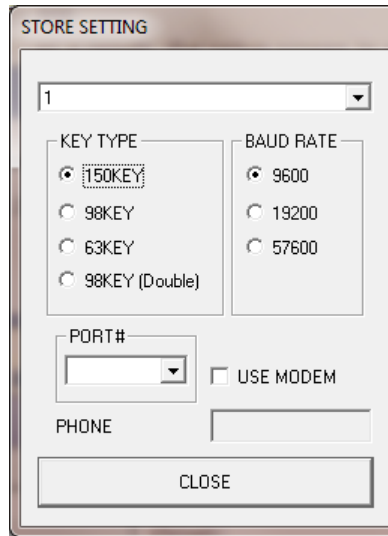
Note that the setup information for the selected store appears on the bottom of the main screen.

Store Settings

There is no limit to the number of stores you can save with the ER900 PC Utility. If you are starting the utility for the first time, you will be prompted to first add a store. Enter the Store Name and press OK. The Store Setting dialog screen displays.

If you have more than one store saved, select the store you wish to open from the Store Setting drop-down list box.

The Store Setting Dialog Box



Key Type

You must select the correct keyboard type that corresponds with the register you are using:

- Select 63-key keyboard for the ER-915.
- Select the 150-key flat keyboard for the ER-920 or ER-940.
- Select the appropriate 98-key keyboard for the ER-925 or ER-945.

98-Key (Double)

Select 98-Key (Double) for the default raised keyboard with doublewide keys.

1		8		15		FEED	JOURNAL FEED	#/NS	TAX 1	CLERK
2		9		16		RETURN	CANCEL	VOID	ERROR CORR	RA
3		10		17		CLEAR	PLU	X/TIME	%1	PO
4		11		18		7	8	9	CHECK	CHARGE 1
5		12		19		4	5	6	SUBTOTAL	
6		13		20		1	2	3	CASH TEND	
7		14		21		0	00	.		

98-Key

Select 98-Key for the expanded raised keyboard.

1	8	15	22	29	36	43	50	57	FEED	JOURNAL FEED	#/NS	TAX 1	CLERK
2	9	16	23	30	37	44	51	58	RETUR N	CANCEL	VOID	ERROR CORR	RA
3	10	17	24	31	38	45	52	59	CLEAR	PLU	X/TIME	%1	PO
4	11	18	25	32	39	46	53	60	7	8	9	CHECK	CHARGE 1
5	12	19	26	33	40	47	54	61	4	5	6	SUBTOTAL	
6	13	20	27	34	41	48	55	62	1	2	3	CASH TEND	
7	14	21	28	35	42	49	56	63	0	00	.		

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, keyboard type, PC port, baud rate and click the **Close** button.

Removing a Store

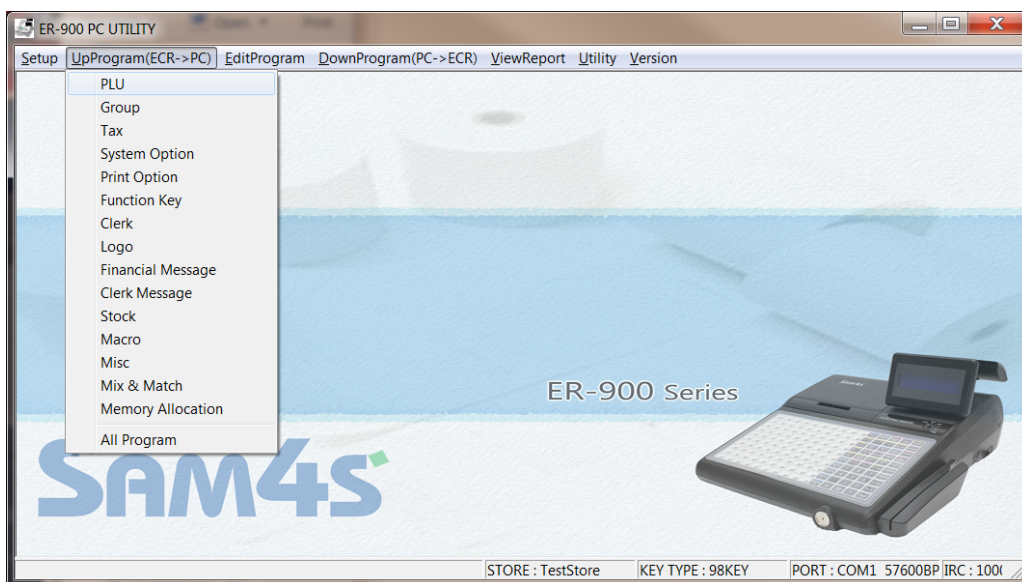
- ◆ Choose **Remove Store** from the **Setup** menu. At the **Remove Store** dialog, select the store name to remove and click **OK**.

Upload/Download Programs

UpProgram

You must upload a register program to your PC before program edit functions are allowed.

- ◆ Select **All Program** (recommended) to upload the entire register program or select the specific program segment you wish to upload from the **UpProgram(ECR->PC)** menu.

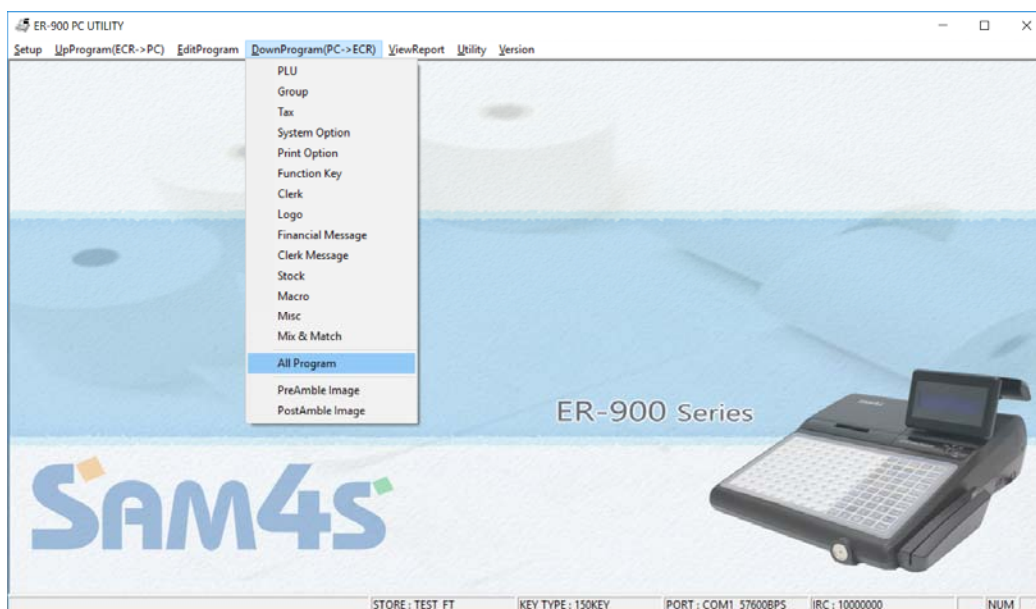


DownProgram

Use the Down Program to send program changes to the ER-915. Downloading a program from the ER-900 PC Utility to the ECR will overwrite the existing register program. If you are loading program files to a new register, you must enter the memory allocation manually at the register before downloading, we cannot download memory allocation from the utility.

Note: You will need to verify that the memory allocation settings on the register are set to accept the store program file being downloaded.

- ◆ Select the program segment you wish to download from the **DownProgram(PC->ECR)** menu or select **All Program** to download the entire register program (not including Preamble and Postamble images, the images are downloaded separately.)



Edit Programs

Procedures

With the exception of memory allocation, all register programs can be edited with the ER-900 PC Utility. You will find programming options neatly organized on dialog boxes, making option programming on the PC Utility more efficient than programming options at the register.

Note: 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 are completed, click Save to exit and save changes, or click Cancel to exit without saving changes.

Tips

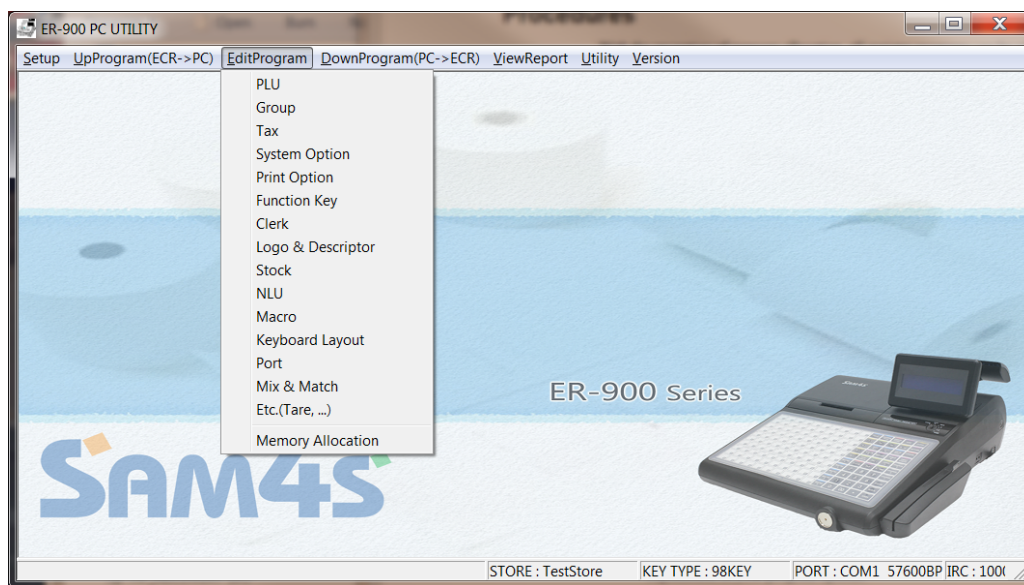
- Each individual Store's data is located in a separate folder within the main ER-900PC folder on your local drive.
- If you are building a new register program based upon an existing store, you can copy an existing store's program files to a new store folder. It is often more efficient to modify an 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 PLU's 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 and options, refer the *ER-900 Series Operator's and Programming* manual for an explanation of your program options.

Program Edit Screens

From the *EditProgram* menu, select a specific program area to edit that part of an existing SAM4s *ER-900* series ECR program. Remember that the options in this program allow you to edit the same program options that you set on a standalone *ER-900* through the register's keyboard.

Definitions about the meaning of the specific options on the various programming screens are best answered by referring to the *SAM4s ER-900 Operator's and Program Manual*.

Note: *When editing descriptor fields, you can make bold characters print on the ECR by entering a tilde (~) before each character that you wish to be bold. Each bold character occupies two character positions.*



PLU

The PLU file is maintained here. Refer to the *SAM4s ER-900 Operator's and Program* for a complete description of the PLU program options.

PROGRAMMING PLU - Right click to delete an item.

CODE	DESCRIPTOR	PRICE1
1	Open Grocery	99.95
2	Grocery Taxable	0.00
3	Bakery	0.00
4	Bakery Taxable	0.00
5	PLU5	0.00
6	PLU6	0.00
7	PLU7	0.00
8	Candy	1.25
9	Snacks	2.25
10	Cigarette Pack	5.95
11	PLU11	0.00
12	PLU12	0.00
13	PLU13	0.00
14	PLU14	0.00
15	Gasoline	34.95
16	Premium Gas	39.95
17	Diesel	45.95
18	NON-OXY GAS	45.95
19	PLU19	0.00
20	PLU20	0.00
21	PLU21	0.00
22	PLU22	0.00
23	PLU23	0.00
24	PLU24	0.00
25	PLU25	0.00
26	PLU26	0.00
27	PLU27	0.00
28	PLU28	0.00
29	PLU29	0.00
30	PLU30	0.00
31	PLU31	0.00
32	PLU32	0.00
33	PLU33	0.00
34	PLU34	0.00
35	PLU35	0.00

TOTAL PLU# 300

PLU CODE:

DESCRIPTOR:

GROUP:

PRICE1:

PRICE2:

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 CHECK ☐

PRINT PRICE ON RECEIPT ☐ PRINT PRICE ON CHECK ☐

DISABLE PROMO ☐ COUNTER NOT RESET ☐

PRESET OVERRIDE IN MGR MODE ☐

DISABLE VOID AND RETURN ☐

LINK PLU CODE:

AUTO TARE:

MIX & MATCH #

Buttons: EXIT, SAVE, CANCEL

Simply click on the PLU you wish to edit from the list of PLU's and edit the Descriptor, Group assignment, Price, and other options as needed. Click on SAVE when you have finished editing.

You can also click in the PLU CODE box and enter the number of the number of the PLU you wish to edit then press the enter key on your keyboard. That PLU will display, edit the PLU as needed, click SAVE when you have finished editing.

If you are entering in scanned items into the database, click in the PLU CODE box and scan the product you want to add to the PLU database. Edit the PLU as needed, click SAVE when you have finished editing.

When all items are added and edited as needed, press EXIT to return to the main menu screen.

Groups

You can program the descriptor and options for each group. (The number of groups is determined in the register's memory allocation, with a maximum of 99 groups.)

Select a group from the list to edit the options as needed for that group; refer to the *SAM4s ER-900 Operator's and Programming Manual* for a complete description of your program options.

Click the SAVE button when you have finished editing your groups to return to the main menu screen.

The screenshot shows a window titled "GROUP" with a list of 25 groups on the left. The list includes descriptors like "GROCERY", "BAKERY", "SNACKS", "CANDY", "PETROLEUM", "Cigarettes", and various "GROUP" entries from 7 to 25. The right side of the window is for "GROUP 1" and contains the following options: "DESCRIPTOR" (set to "GROCERY"), "ADD TO GROUP TOTAL" (checked), "SEND TO KP" (unchecked), "KP PORT" (with checkboxes for PORT#1, PORT#2, PORT#3, PORT#4, and a "RECEIPT" checkbox), "PRINT RED ON KP" (unchecked), "GIFT CARD" (set to "NONE"), and "AGE VERIFICATION (0-5)" (set to "0"). At the bottom are "SAVE" and "CANCEL" buttons.

Tax

Each of the 4 possible taxes can be set for an add-on percentage, tax table or VAT. Tax 4 has the additional option to be set as GST Taxable as well. Follow the instructions on the screen, or refer to the *SAM4s ER-900 Operator's and Programming Manual* for a complete description of your program options.

The screenshot shows a window titled "TAX" with a dropdown menu set to "TAX1". Below this are three radio buttons: "ADD ON" (selected), "TAX TABLE", and "VAT". To the right of the "ADD ON" radio button is a "RATE" field with the value "10.000". Below the "TAX TABLE" radio button is a "GST TAXTABLE" section with three checkboxes: "TAX1", "TAX2", and "TAX3". At the bottom are "SAVE" and "CANCEL" buttons.

System Option

Each system option can be enabled or disabled; check the options you want to enable or uncheck to disable the option. Refer to the *SAM4s ER-900 Operator's and Programming Manual* for a complete description of your program options.

SYSTEM OPTION

Option 1 | Option 2 | Option 3

☒ BEEPER ACTIVE
CLERK ENTRY:
CLERK IS:
☐ DRAWER NEED TO BE SHUT TO OPERATE
☐ ACTIVATE DRAWER OPEN ALARM
SECONDS TO ALLOW DRAWER OPEN (1-99):
☐ ALLOW POST TENDER
☒ OPEN DRAWER ON POST TENDER
☐ ALLOW MULTIPLE RECEIPT
☐ CASH DECLARATION REQ. BEFORE REPORTS
☐ MGR CONTROL TO TEND NEG. BALANCE
☐ MGR CONTROL TO TEND ZERO BALANCE
☐ RESET TRANSACTION NO. ON Z REPORT
☐ RESET GRAND TOTAL AFTER Z REPORT

☒ OPEN DRAWER WHEN REPORTS ARE RUN
☒ OPEN DRAWER DURING TRAIN MODE
DECIMAL PLACE:
DATE FORMAT:
MODIFIER:
% AND TAX CAL:
SPLIT PRICE CAL:
☐ COMP. EAT-IN T-OUT D-THRU BEFORE TENDERING
HASH IS:
RESET Z COUNTER AFTER Z1 REPORT
☐ FINAN. RPT. ☐ TIME RPT.
☐ PLU RPT. ☐ CLERK RPT.
☐ GROUP RPT.

SAVE CANCEL

Print Option

Each print option can be edited. Check the option to enable that option or uncheck to disable the option. Refer to the *SAM4s ER-900 Operator's and Programming* for a complete description of your program options.

PRINT OPTION

Option 1 | Option 2 | Option 3

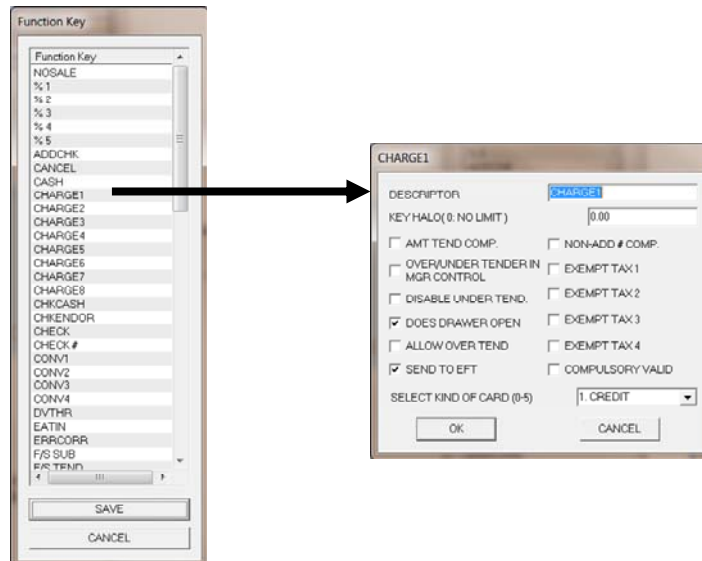
☐ PRINT MEDIA TOTALS ON CLERK RPT.
☒ PRINT TAX SYMBOL
☒ PRINT VD MODE AND RETURN ON RPT.
☐ PRINT AUDACTION ON REPORT
☒ SKIP ZERO TOTALS ON FINANCIAL RPT.
☒ SKIP ZERO TOTALS ON CLERK RPT.
☐ PRINT CLERK REPORT AFTER FINAN. RPT.
☐ PRINT SALE ITEM NO.
☐ PRINT PLU WITH ZERO TOTALS ON RPT.
☐ PRINT SUBTOTAL WHEN PRESSED
☐ PRINT % OF SALES ON PLU REPORT
☒ PRINT CONS.NO.
☒ PRINT DATE
☒ PRINT TIME

☒ PRINT MACHINE NO.
☒ PRINT CLERK NAME
☐ PRINT TAX CHARGED FOR LAST SERVICED ITEMS
HOME CURRENCY SYMBOL:
☒ PRINT Z COUNTER
☒ PRINT RECEIPT WHEN SIGN ON/OFF
PRINT GRAND TOTAL
☒ ON X REPORT ☒ ON Z REPORT
PRINT GROSS TOTAL
☒ ON X REPORT ☒ ON Z REPORT
PRINT SUBTOTAL WITHOUT TAX
TAX AMOUNT IS:
☒ PRINT TAX AMOUNT
☐ PRINT TAXABLE TOTAL
☐ PRINT TAX RATE

SAVE CANCEL

Function Key

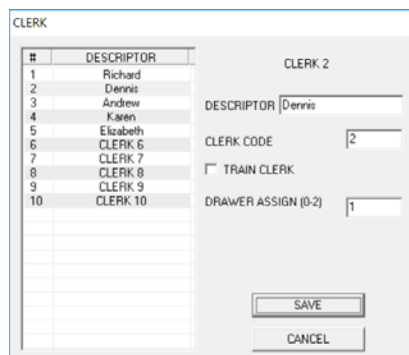
You can program the different options for each function key. Follow the instructions on the screen, or refer to the *SAM4s ER-900 Operator's and Programming Manual* for a complete description of your program options.



Clerk

Clerk options are set here. The number of clerks is determined by the memory allocation set in the ECR. You can allocate memory for a maximum of 99 Clerks.

Follow the instructions on the screen, or refer to the *SAM4s ER-900 Operator's and Programming Manual* for a complete description of your program options.



Logo/Descriptors

You can program a custom preamble, postamble messages to print on customer receipts. You can also program the check endorsement message and DataTran message.

Unique descriptors for certain financial and clerk report totals can be programmed here as well.

The screenshot shows the LogoDesc utility window with the following sections:

- PREAMBLE:** Contains text fields for "WELCOME", "TO YOUR OWN LIQUORS", "YOURTOWN, USA", and two empty lines.
- POSTAMBLE:** Contains text fields for "THANK-YOU FOR SHOPPI", "AT YOUR OWN LIQUORS", "PLEASE COME AGAIN", "1-800-555-1212", and two empty lines.
- ENDORSEMENT MSG:** Contains five empty lines for check endorsement.
- DATATRAN MSG:** Contains three empty lines for DataTran messages.
- FINANCIAL REP MSG:** Features a list box with the following items: +PLU TTL, +PLU TTL, +PLU TTL, ADJUST TTL, NONTAX, TAX1 SALES, TAX2 SALES, TAX3 SALES, TAX4 SALES, TAX1, TAX2, TAX3, TAX4, XMP11 SALES, XMP12 SALES, XMP13 SALES, XMP14 SALES, EATIN TTL, TAKEOUT TTL, DRTHRU TTL, % 1, % 2, % 3, % 4, % 5, NET SALE, and CREDIT TAX1. It includes scroll bars and a search field at the bottom.
- CLERK REP MSG:** Features a list box with the following items: NET SALE, NET SALE, NONTAX, TAX1 SALES, TAX2 SALES, TAX3 SALES, TAX4 SALES, TAX1, TAX2, TAX3, TAX4, XMP11 SALES, XMP12 SALES, XMP13 SALES, XMP14 SALES, EATIN TTL, TAKEOUT TTL, DRTHRU TTL, % 1, % 2, % 3, % 4, % 5, CREDIT TAX1, CREDIT TAX2, and CREDIT TAX3. It includes scroll bars and a search field at the bottom.

At the bottom of the window are "SAVE" and "CANCEL" buttons.

PLU Stock

Upload stock from the ECR first. All PLU's flagged as an Inventory Item will populate this screen. For stock items, edit quantities as needed, and then download to the ECR.

1. Choose **Stock** from the *EditProgram* menu. The *PLU Stock* dialog box displays with a list of all PLU's flagged as an Inventory Item and their current stock quantities.
2. You can edit stock quantities here; two decimal places is assumed on quantities. (To enter a quantity of 100 you need to enter 10000 or enter quantity with the decimal 100.00).
3. Press SAVE after entering your quantity. Continue editing as necessary.
4. When editing is complete, click **Exit**. These quantities can then be sent to the register from *DownProgram (PC ->ECR)* menu.

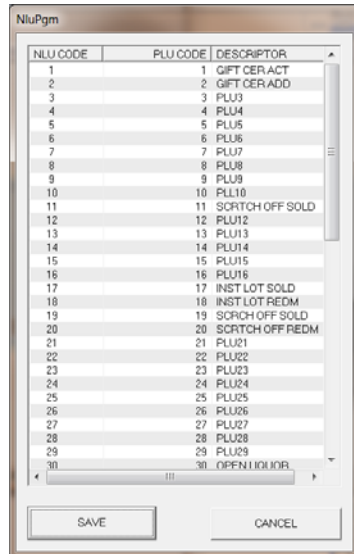
[illegible]

NLU

NLUs are keys on the keyboard (like traditional department keys) used to access specific PLU's. NLU#1 through NLU#300 are available for assignment to the keyboard.

On the default keyboard, the ER-925/ER-945 ECRs has 21 NLUs and is expandable to 63 NLUs. The ER-920/ER-940 has 100 NLUs. Each NLU key is assigned the same corresponding PLU number, *i.e.* NLU key number one is assigned PLU #1.

However, with this program you can assign any PLU number you wish to any one of the NLU keys. PLU's must be programmed into the database before you are able to assign the PLU to the NLU key.

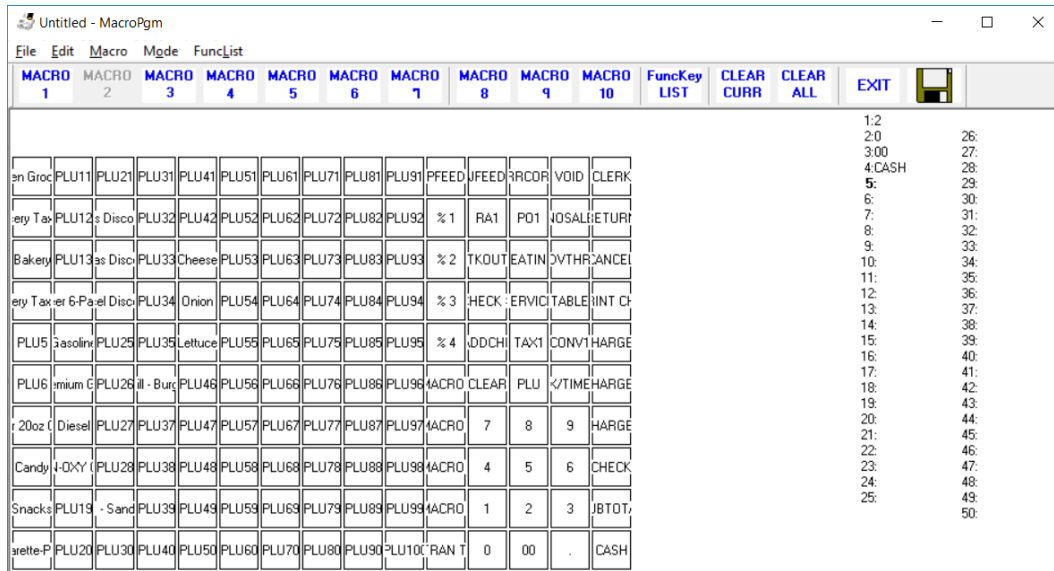


1. Use the scroll box at the right of the screen to view all the NLUs.
2. Click on the NLU you wish to edit, the PLU list displays.
3. Scroll through the PLU list and click on the PLU you want to assign to the selected NLU key or press CANCEL to not change the current PLU/NLU assignment.
4. Click **SAVE** to save changes and return to the main menu.


Macro

The Macro programming screen allows easy programming of Macros using the keyboard layout display.

Simply select the Macro number from the top row of the screen and press the keystrokes for the Macro from the display. As shown in the example below; Macro 2 was setup for a \$20 speed Tender key by pressing 2 0 00 CASH.



If you make a mistake during Macro programming you can clear an entry by pressing the CLEAR CURR button or press the CLEAR ALL to clear all keystrokes and begin anew.

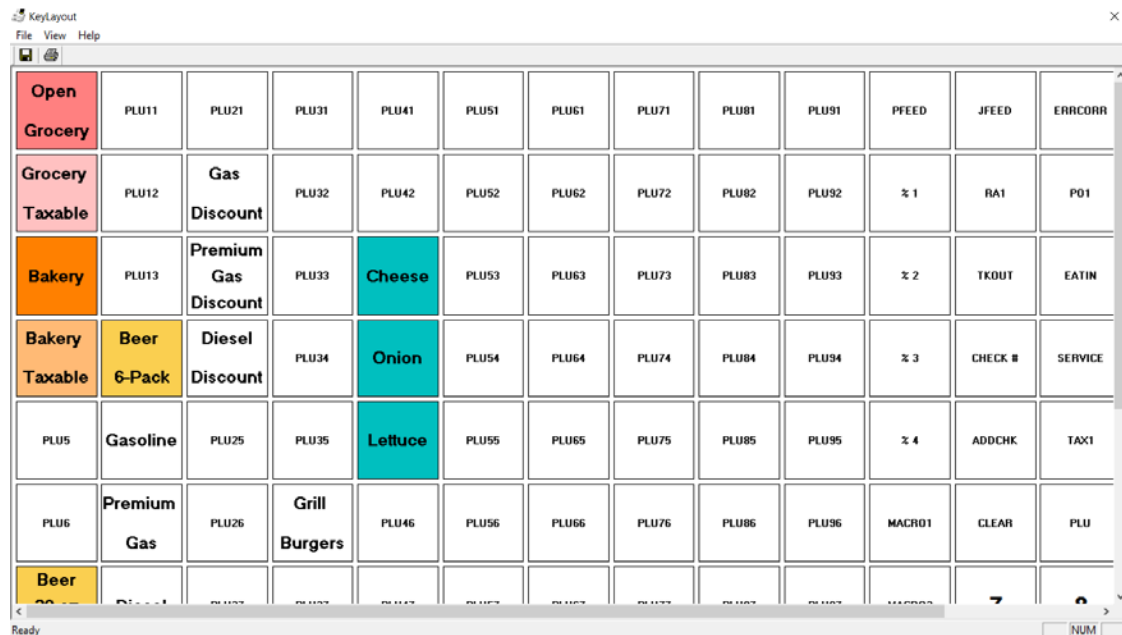
When you have completed the programming for your Macro's press the  icon to save your edits. Press **EXIT** to return to the main screen of the ER-900 PC Utility.

Key Layout

The Keyboard Layout screen allows you to edit the keys on the keyboard, change key assignment and design a key sheet to be printed for the register keyboard (*Requires 11" x 13" paper*).

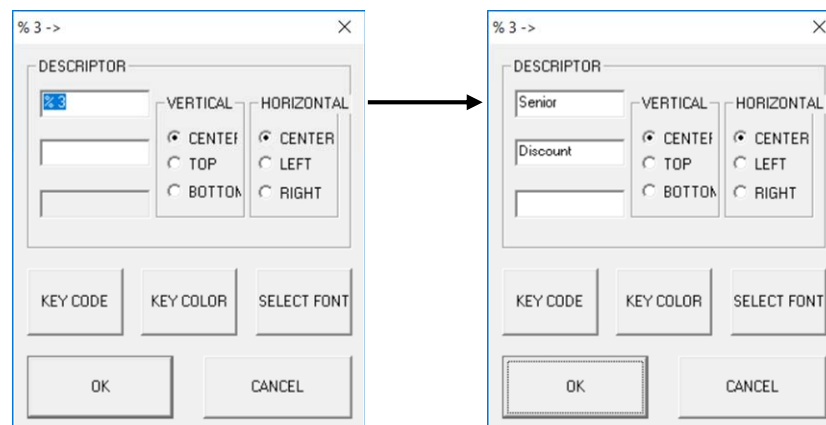
Notes:

- Use the scroll bars to view the entire keyboard.
- The “&” symbol is reserved. If you wish to use and “&” symbol in the layout, enter “&&”. On the keyboard layout it will display as “&”.



Screen shown is Expanded Raised keyboard

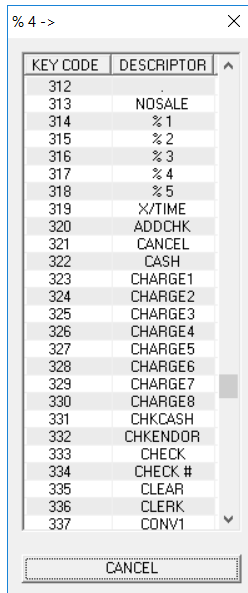
Select a key on the layout screen to edit that key.



Enter a new descriptor for the key, max is 10 characters per line.

You can also assign a different function key to the key location.

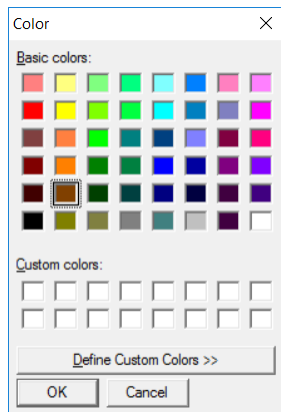
Select the Key you wish to change by clicking on the desired key, then click on the **KEY CODE** button.



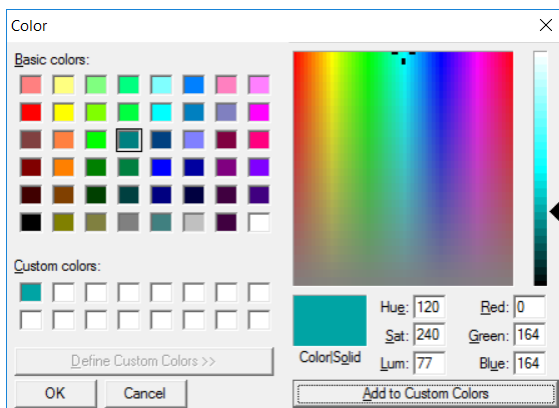
The key code list will appear as shown here.

Scroll through the list to the key you wish to assign; click on the key to make the new assignment.

Select a key color if desired by clicking on the **KEY COLOR** button.



Choose the key color you want from the color palette, then press **OK**.

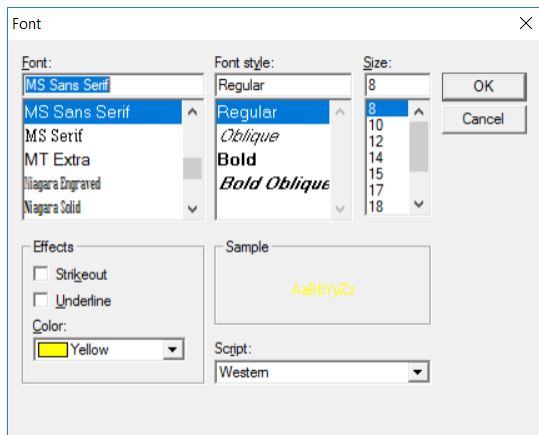


You can also create custom colors for your keyboard.

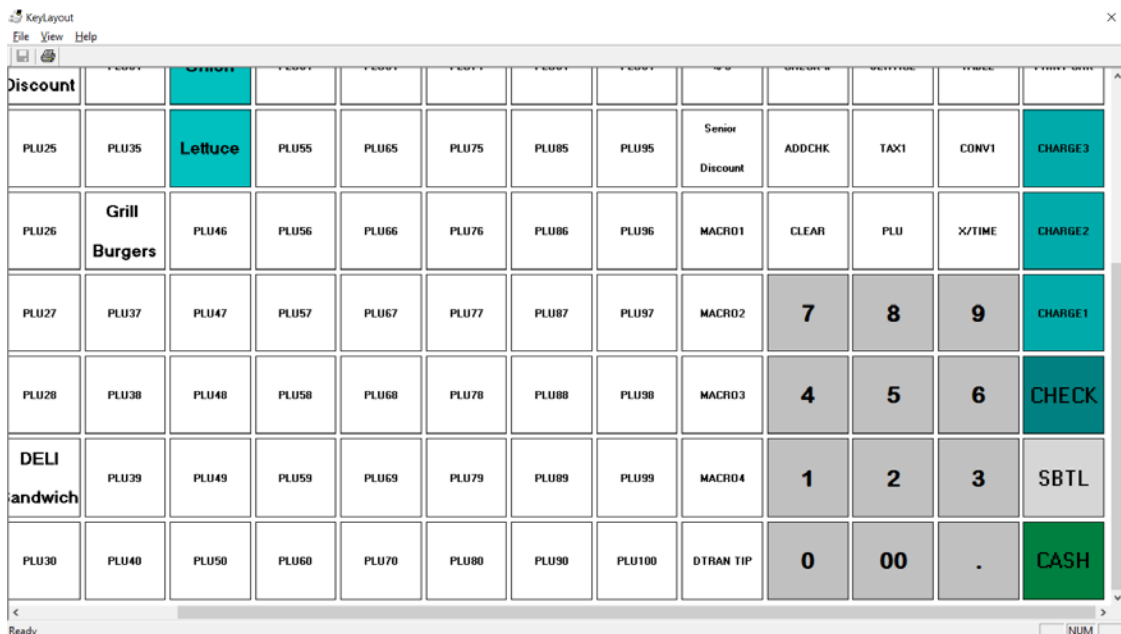
Custom colors can be saved to allow use on other keys on the keyboard layout.


Note: custom colors are saved only for the current keyboard layout editing session.

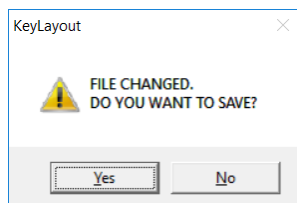
To select a different font, click on the SELECT FONT button.



Press OK when you have finished editing.



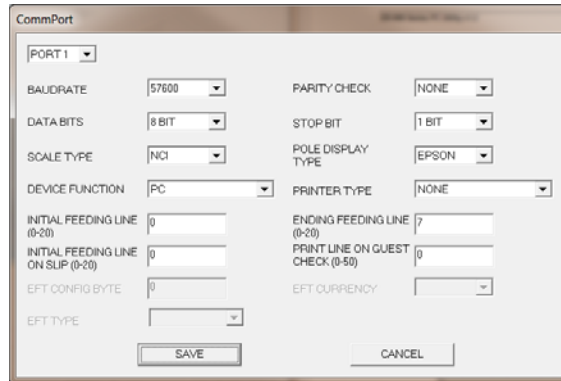
Save your changes by pressing the  save icon; then exit by pressing the X. if you exit without saving you will get a prompt:



Press Yes to save your keyboard edits.

Port

Set options for the communication ports when you are connecting optional hardware to the register. Follow the instructions on the screen, or refer to the *SAM4s ER-900 Operator's and Programming Manual* for a complete description of your program options.

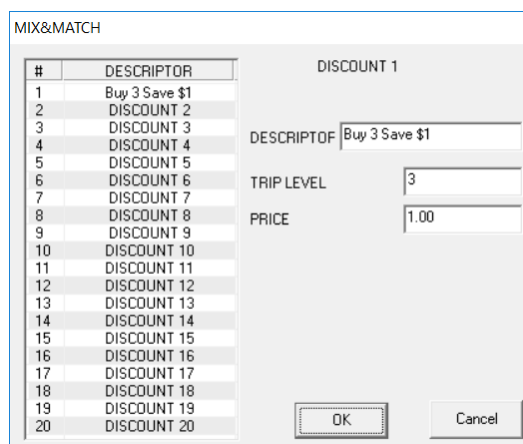


The CommPort dialog box contains the following settings:

- PORT 1 (dropdown)
- BAUDRATE: 57600 (dropdown)
- DATA BITS: 8 BIT (dropdown)
- SCALE TYPE: NCI (dropdown)
- DEVICE FUNCTION: PC (dropdown)
- INITIAL FEEDING LINE (0-20): 0 (text box)
- INITIAL FEEDING LINE ON SLIP (0-20): 0 (text box)
- EFT CONFIG BYTE: 0 (text box)
- EFT TYPE: (dropdown)
- PARITY CHECK: NONE (dropdown)
- STOP BIT: 1 BIT (dropdown)
- POLE DISPLAY TYPE: EPSON (dropdown)
- PRINTER TYPE: NONE (dropdown)
- ENDING FEEDING LINE (0-20): 7 (text box)
- PRINT LINE ON GUEST CHECK (0-50): 0 (text box)
- EFT CURRENCY: (dropdown)
- SAVE (button)
- CANCEL (button)

Mix & Match

1. Choose **Mix and Match** from the *EditProgram* menu. The appropriate *Mix and Match* dialog box displays:



The MIX&MATCH dialog box displays a table of discounts and fields for editing a selected discount.

#	DESCRIPTOR
1	Buy 3 Save \$1
2	DISCOUNT 2
3	DISCOUNT 3
4	DISCOUNT 4
5	DISCOUNT 5
6	DISCOUNT 6
7	DISCOUNT 7
8	DISCOUNT 8
9	DISCOUNT 9
10	DISCOUNT 10
11	DISCOUNT 11
12	DISCOUNT 12
13	DISCOUNT 13
14	DISCOUNT 14
15	DISCOUNT 15
16	DISCOUNT 16
17	DISCOUNT 17
18	DISCOUNT 18
19	DISCOUNT 19
20	DISCOUNT 20

DISCOUNT 1

DESCRIPTOF: Buy 3 Save \$1

TRIP LEVEL: 3

PRICE: 1.00

OK (button) Cancel (button)

2. You can give the *Mix & Match* discount a specific name/descriptor. Set the trip level to indicate how many items to ring before the discount is applied. Set the discount amount in the price field. (As shown above, a \$1 discount will apply after three items are registered.)
3. Click **OK** when finished editing the *Mix & Match* discounts to save changes and return to the main menu.

Etc. – Tare Weight / Age Verification / Drawer Limit / Check Change Limit / Machine Number / Datatran No Sign setting

The screenshot shows a window titled 'Etc' with several input fields and buttons. The fields are organized into sections: 'TARE WEIGHT' with five input boxes (the first is highlighted with a blue border and contains '0.000'), 'DRAWER LIMIT' with one box containing '0.00', 'CHECK CHANGE LIMIT' with one box containing '0.00', 'MACHINE NUMBER' with one box containing '0', and 'DATATRAN NO SIGN IF TRANSACTION TOTAL LESS THAN XXXX' with one box containing '0.00'. Below these are 'AGE VERIF' with five input boxes containing '18', '21', '65', '0', and '0', and 'EFT PASSWORD' with four input boxes labeled 'PORT1' through 'PORT4', each containing '0'. At the bottom are 'SAVE' and 'CANCEL' buttons.

Tare Weight

You can pre-program five tare weights, representing the weight of different containers. When you place an item and a container on optional scale, you can enter the tare number to automatically subtract the pre-programmed tare weight.

Age Verification

Up to five different age categories can be created for age restricted items, for example tobacco products could be restricted at age 18 and alcohol products restricted at age 21. The age entries are made with this program. In addition, you will need to use the Group program to define the items that will be restricted.

Drawer Limit

You can set a cash-in-drawer limit. When cash in drawer exceeds the limit, a warning will display on the screen.

Check Change Limit

Use this program to set the maximum amount of cash that can be returned when a check is tendered for an amount greater than the amount of the sale.

Machine Number

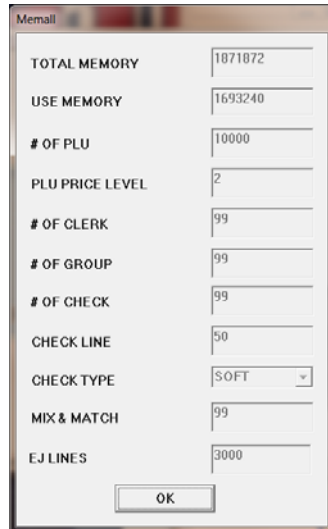
The machine number is printed on the register receipt. Program a machine number so that any receipt or journal can be identified with the store or register where the transaction took place.

Datatran No Sign

No signature required if EFT transaction is under xxxx (i.e. if 2000 is set here, no signature is required on EFT transactions under \$20.00.)

Memory Allocation

Note: Memory allocation can be viewed in the ER-900 PC Utility but you cannot edit the allocation settings.



The screenshot shows a window titled "Memall" with a list of memory allocation settings. Each setting is displayed in a read-only text box. At the bottom of the window is an "OK" button.

Setting	Value
TOTAL MEMORY	1871872
USE MEMORY	1693240
# OF PLU	10000
PLU PRICE LEVEL	2
# OF CLERK	99
# OF GROUP	99
# OF CHECK	99
CHECK LINE	50
CHECK TYPE	SOFT
MIX & MATCH	99
EJ LINES	3000

Reports

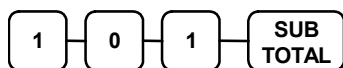
Collecting Reports

Reports cannot be polled with the ER-900 Series PC Utility. However, reports can be saved to an SD card at the register. SAM4s ER-900 series reports are saved to the SD card in .RPT format. These files are not ASCII and cannot be directly read by a report editor. However, with this utility, you can view the report data, export it to Microsoft Excel, and/or export it to a text file.

Saving Reports to an SD Card

All reports saved in the same procedure. Reports saved are the current X1 readings.

1. At the ECR, turn the control lock to the S position (the 6 o'clock position).
2. To backup Reports to SD, enter 1 0 1, press the SUBTOTAL key.



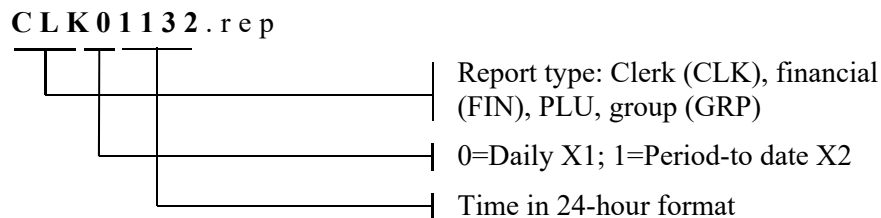
Report File Conventions

Saved reports are stored in a folder named with the current date, located in a folder under the store name. For example:

SD\ER-900\REPBACK\Storename\20111130

Where 20111130 is the date the reports were saved, November 30, 2011.

Reports listed in this folder are named using the following convention:

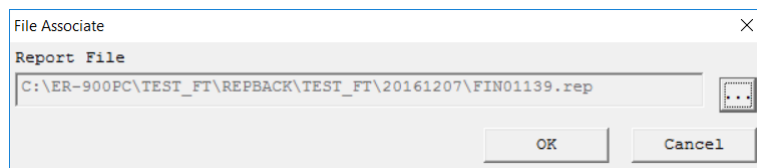


ViewReport

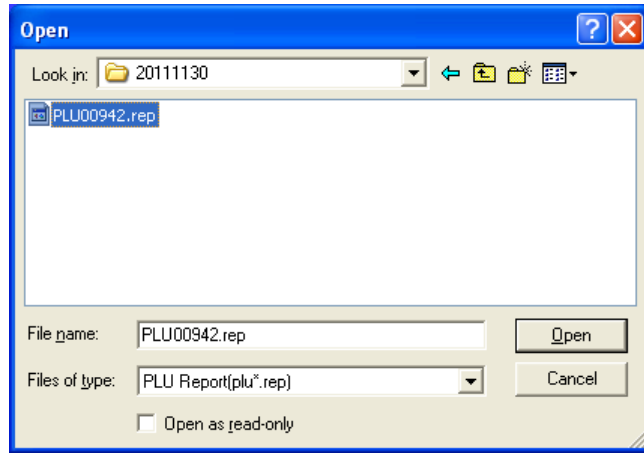
1. Select the type of report you wish to view from the ViewReport menu.



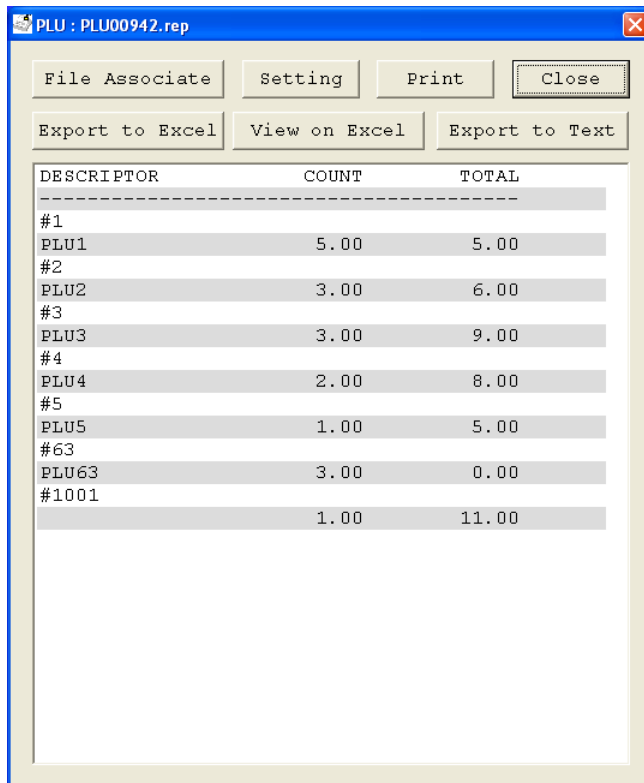
2. The File Associate dialog displays. Click the Browse (...) button to locate the report you wish to view.



3. Select the report you wish to view. Note that report you select must match the type of report you selected from the menu. For example, if you selected PLU from the ViewReport menu, you must select a report file that begins with the text “PLU ...”; if you selected FINANCIAL from the ViewReport menu, you must select a report file that begins with the text “FIN...”



4. Click Open. The selected report displays.



5. From the report window, choose:

Print: to print the file at your printer

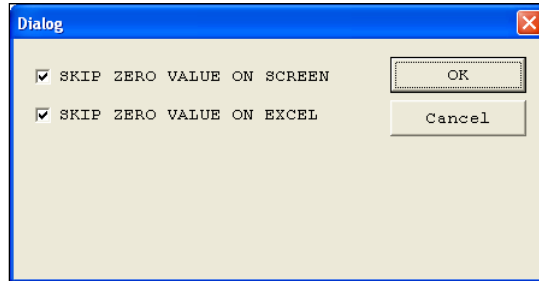
Export to Excel: to save the report in text (.xls) format

View on Excel: to open Excel and view the file

Export to Text: to save the report in Excel (.txt) format

File Associate: to select a new financial report

6. Choose Setting to select zero skip options. Click OK to close the dialog and return to the financial report window.



7. **Close:** to exit.

Utility

The Utility menu provides the following options:

- Select Convert Logo Image from the Utility menu to Convert Logo Images to be used as the pre-amble/post-amble image. See “Prepare & Load Bitmap Logos” on page 37.
- Select PLU PGM TO EXCEL or PLU EXCEL TO PGM to Export/Import PLU Program between the 900pc Utility and Excel. See “Import/Export PLU Files” on page 41.
- Select Check Status to test the connection status from the 900PC Utility to the register.



Prepare & Load Bitmap Logos

Preparing a Graphic Logo Bitmap for an ER-900

You can load a preamble and postamble image for your ER-900 receipt. Before loading, the images must be converted by the PC Utility to .img format. After conversion, they can be loaded directly by connecting a PC to the ER-900 or by copying the images to a SD card and loading (or saving the image) using the SD utility program described here.

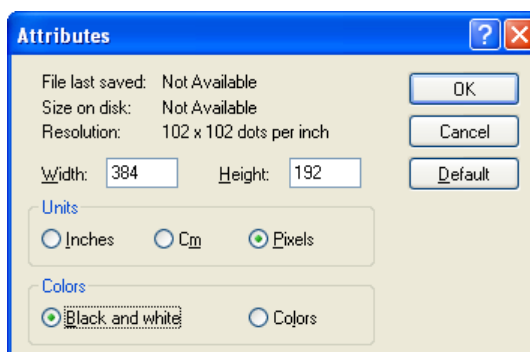
The information here was derived from a version of MS Paint on Windows XP, your version of Paint may appear differently but the same principles explained here will still apply.

Note that after loading the images, you must set Print Options #21 and #22 to activate the image printing.

1. Preparing a Graphic Logo Bitmap for an ER-900 Series

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.



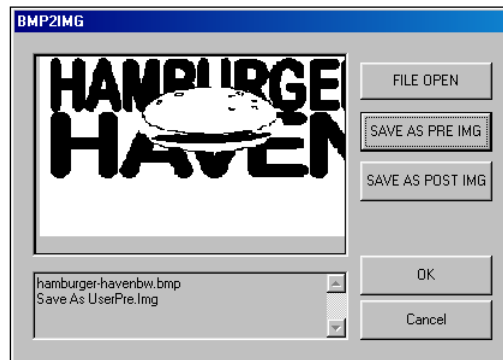
4. The image dimensions must be no larger than 384 pixels wide by 192 pixels high. If the image size in pixels is greater than the maximum, you must resize your image.
 - a. Click **OK** to exit the Attributes dialog.
 - b. Select your image. (Choose **Select All** from the **Edit** menu.)

- 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 as type “Monochrome Bitmap (*.bmp,*.dib)” and confirm that the size is 10k or less. If you resized your original image, rename it when you save (original size may be retained with the original image.)

2. Use the PC Utility to Convert the Image

1. Install the *ER-900 PC Utility* on your PC.
2. At your PC, start the ER-900 PC Utility. (Select **Start, Programs, SHC PC UTILITY, ER-900 PC UTILITY.**) The **Store Setting** dialog box displays.
3. If you are starting the ER-900 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.
4. Move the .bmp logos you wish to use into the store directory (i.e. C:\ER-900PC\storename.)
5. At the PC Utility, choose **Convert Logo Image** from the **Utility** menu. The Bmp dialog box displays.
6. Click **FILE OPEN**. Select the bitmap image you wish to use from the **Open** dialog and click the **Open** command button.

- Click the **SAVE AS PRE IMG** or **SAVE AS POST IMG** button.



- 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” displays.

3. Copy the Images to an SD Card

The PC Utility will create two image files:

- USERPRE.IMG
- USERPOST.IMG

The image files will be saved in the store folder on your PC at:

C:\ER-900PC\Store Name

Copy the mages to the following path on your SD card:

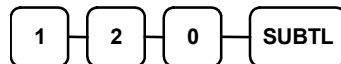
SD\ER900\PgmBack\Store Name

Important: In the path: C:\ER-900PC\Store Name, the store name is the name you have defined as the store in the PC Utility. Note: You must use the same store name in the ER-900 Series ECR at System Option #30.

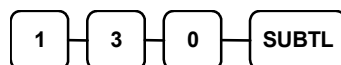
4. Load the Images by SD Card

Insert the SD card in the register’s SD slot. Note: The SD slot is located in the printer compartment of the ER-900. Remove the security screw to access the slot.

- Turn the control lock to the S position.
- To load the Preamble Image to the register from the SD card, enter 1 2 0, press the SUBTOTAL key.



- To load the Postamble Image to the register from the SD card, enter 1 3 0, press the SUBTOTAL key.

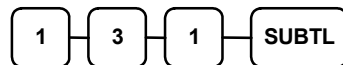


5. Saving Images from an ER-900 to an SD Card

1. Insert the SD card in the register's SD slot. Note: The SD slot is located in the printer compartment of the ER-900. Remove the security screw to access the slot.
2. Turn the control lock to the S position.
3. To save the **Preamble Image** from the register to the SD card, enter **1 2 1**, press the **SUBTOTAL** key.



4. To save the **Postamble Image** from the register to the SD card, enter **1 3 1**, press the **SUBTOTAL** key.



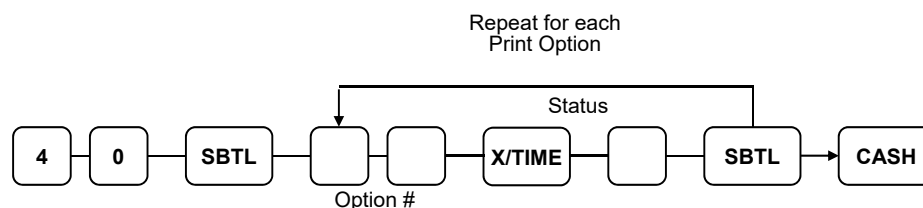
Printing the Logo Image – ER-900 Settings

Two 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.

Print Option Flowchart (P Key Lock Position)



Import/Export PLU Files

PLU PGM to Excel/PLU Excel to PGM Utilities

This feature of the *SAM4s ER-900 PC Utility* is found under the Utility tab. Select “PLU PGM TO EXCEL” or “PLU EXCEL TO PGM”.

- When the “PLU PGM TO EXCEL” utility is run, the Excel file is placed into the folder: C:\ER-900PC\Storename. The file is named PLU.csv.
- When the “PLU EXCEL TO PGM” utility is run, the PLU.csv file in the folder: C:\ER-900PC\Storename will replace the PLU file and become the active PLU file for the store.

PLU Key for CSV Import/Export

Example of Exported CSV File (in Excel):

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK
1	1	Lunch Buf	1	0	0	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	599	0	0
2	2	Eat In	1	0	0	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
3	3	Take Out	1	0	0	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
4	4	Catering	1	0	0	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
5	5	Delivery	1	0	0	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
6	6	Soft Drink	1	0	0	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	150	0	0
7	7	Coffee	1	0	0	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	150	0	0
8	8	Tea	1	0	0	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	100	0	0
9	9	Dessert	1	0	0	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
10	10	Misc	1	0	0	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
11	11	PLU11	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
12	12	PLU12	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
13	13	PLU13	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
14	14	PLU14	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
15	15	PLU15	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
16	16	PLU16	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
17	17	PLU17	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
18	18	PLU18	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
19	19	PLU19	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
20	20	PLU20	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
21	21	PLU21	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
22	22	PLU22	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
23	23	PLU23	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
24	24	PLU24	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
25	25	PLU25	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
26	26	PLU26	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
27	27	PLU27	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0
28	28	PLU28	1	0	0	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	0	0	0	0	0	0

Excel PLU.csv Key	
Column on PLU.csv	Corresponding Option
A	PLU CODE
B	DESCRIPTOR
AJ	PRICE/HALO 1
AK	PRICE/HALO 2
F	PRESET
G	PRESET OVERRIDE
H	TAXable By: 1
I	TAXable By: 2
J	TAXable By: 3
K	TAXable By: 4
L	FOOD STAMP ELIGIBLE
M	NEGATIVE ITEM
N	HASH
O	SINGLE ITEM
P	NON-ADD # COMP.
Q	GALLONAGE ITEM
R	INVENTORY ITEM
S	DISABLE
T	SCALEABLE
U	AUTO SCALE
V	CONDIMENT
W	COMP. CONDIMENT
X	PRINT ON RECEIPT
Y	PRINT PRICE ON RECEIPT
Z	PRINT ON CHECK
AB	PRINT PRICE ON CHECK
AC	DISABLE PROMO
AD	COUNTER NOT RESET
AE	PRESET OVERRIDE IN MANAGER CONTROL
AF	DISABLE VOID AND RETURN
AG	AUTO TARE
C	GROUP # 1 (1-20)
D	GROUP # 2 (1-20)
E	GROUP # 3 (1-20)
AH	PLU LINK CODE
AI	MIX & MATCH #

*AA column in the PLU>csv file is always "Y".

PLU Key Viewed on Utility PLU Program Window

PROGRAMMING PLU - Right click to delete an item.

CODE	DESCRIPTOR	PRICE1
1	1 Taco Combo	4.49
2	2 Taco Combo	5.69
3	3 Taco Combo	6.79
4	2 Chz Ench&1 Taco	6.79
5	3 Chz Enchilladas	6.79
6	Meat Enchilada Red	7.29
7	Meat Enchilada Gn	7.29
8	Chile Rellano	7.29
9	Torta	5.99
10	Beef Chile Rellano	7.49
11		0.00
12	Cheese Quesadilla	4.79
13	Meat Quesadilla	5.79
14	Nachos	4.79
15	Burrito	6.19
16	Stk/Fajita Burrito	6.49
17	Veggie Burrito	5.29
18	Veg/Fajita Buritto	5.49
19	Smothered Burrito	7.79
20	Bean & Chz Burrito	4.50
21		0.00
22	Taco	2.19
23	Steak/Fajita Taco	2.79
24	Veggie Taco	1.79
25		0.00
26		0.00
27	Chimichanga	7.79
28	Taco Salad	6.19
29	House Specialties	8.79
30		0.00
31		0.00
32	Tamales	2.09
33	Homemade Flan	2.99
34		0.00
35	Chile	7.29

TOTAL PLU# : 300

PLU CODE: 1

DESCRIPTOR: Taco Combo

GROUP: 3

PRICE1: 4.49

PRICE2: 0.00

RESET: ☒ PRESET OVERRIDE: ☒

TAXABLE BY: 4

FOOD STAMP ELIGIBLE: ☐

NON ALCOHOLIC: ☐

INVENTORY ITEM: ☐

CONDIMENT ITEM: ☐

PRINT ON RECEIPT: ☒

PRINT PRICE ON RECEIPT: ☒

DISABLE PROMO: ☐

LINK PLU CODE: AH0

AUTO TAX: 0

MIX & MATCH: 0

Negative Item: ☐

Single Item: ☐

Gallonable Item: ☐

Alcohol Sale: ☐

Condiment Item: ☐

Print on Check: ☒

Print Price on Check: ☒

Counter No. Set: ☐

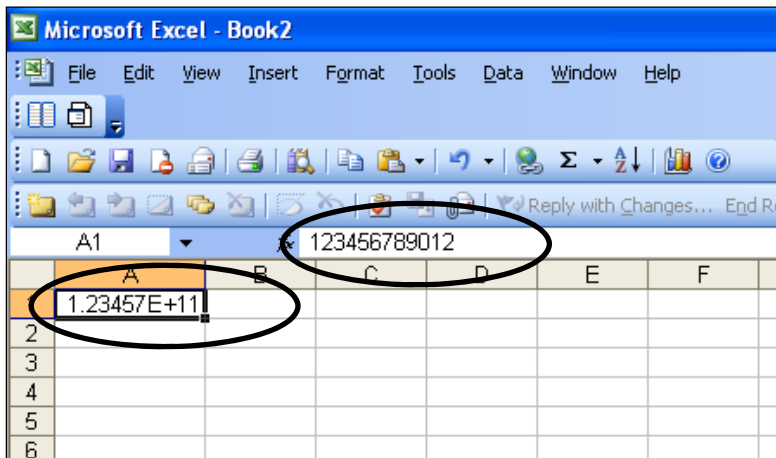
Preset Override in Mode: ☐

Disable Void and Return: ☒

Buttons: EXIT, SAVE, CANCEL

Import Note – Notation of Large PLU Numbers

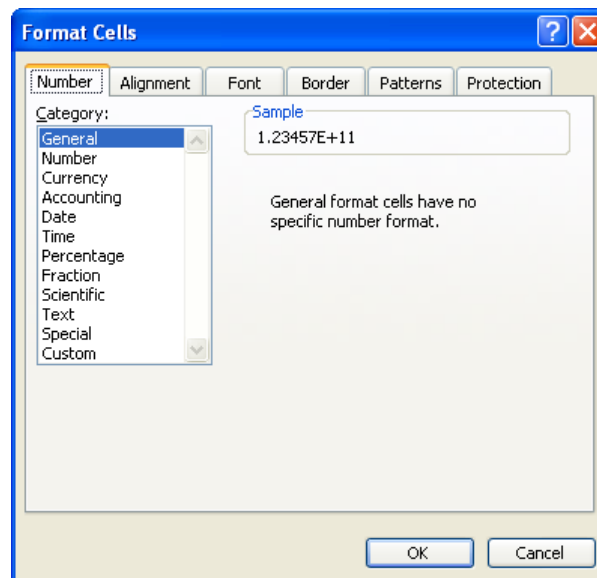
Using default Microsoft Excel™ settings, numbers exceeding 12 digits will display in scientific notation as shown in the sample sheet below:



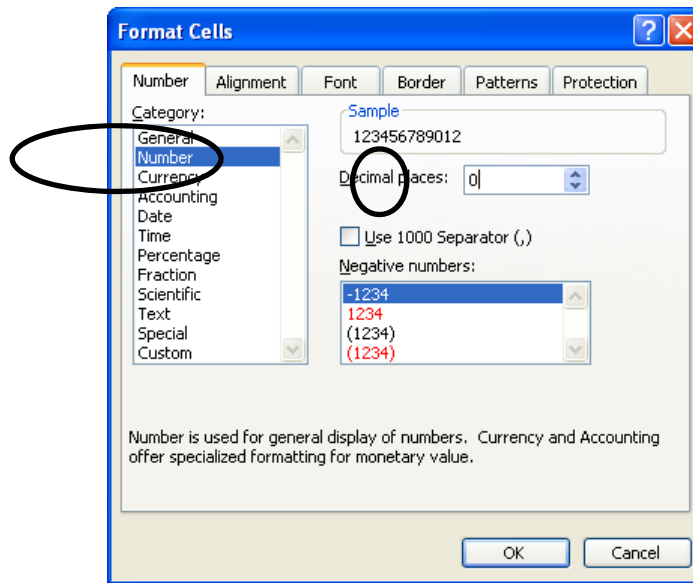
Caution: If you are editing a PLU.csv file in Excel, *and* you are using large PLU numbers (such as 14-digit UPC numbers), you must take care to change the formatting of the number in Excel, so that the correct PLU number is sent to the PLU file.

To Change PLU Number Display in Excel

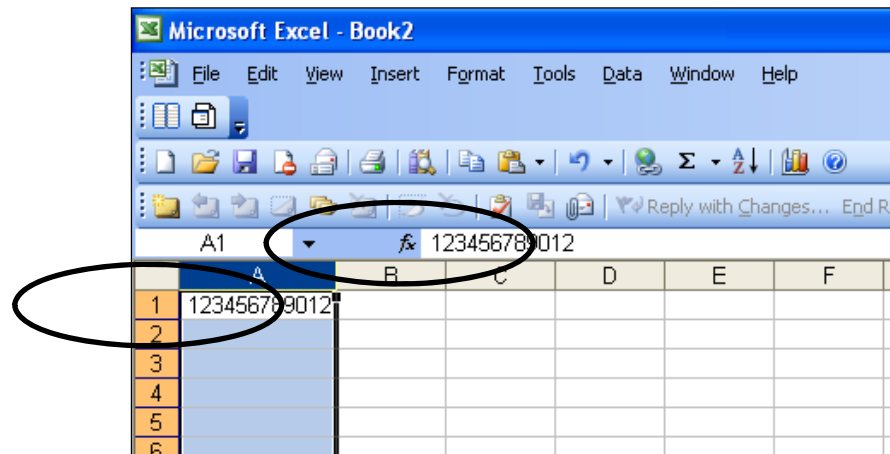
1. On the Excel spreadsheet, select column "A" (the PLU number column).
2. Choose **Cells** from the **Format** menu. The **Format Cells** dialog box displays with the **Number** tab selected. Note the Category selected is "General".



3. Select the 'Number' category and set the Decimal places field to "0".

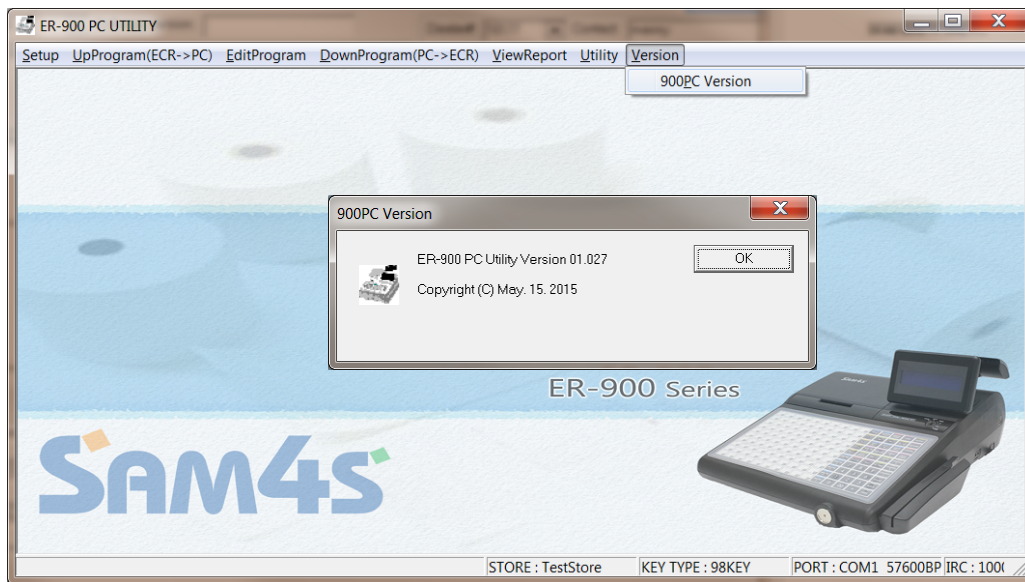


4. Click **OK** to save the settings. Note the large number now displays completely, without scientific notation.



Version

Select Version and then 900PC Version to display Utility version information.

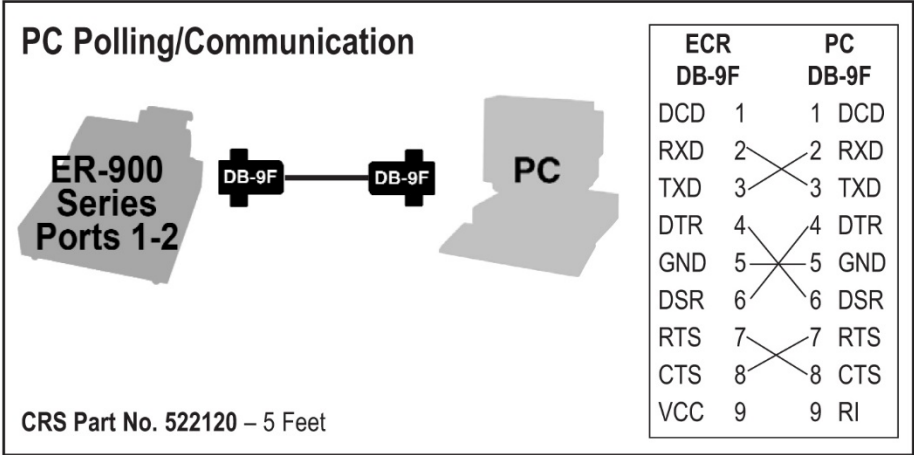


Appendix

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



Manual Revision Record

Edition	Date Published	Revision Contents
v1.0	12/12/2011	Added ViewReport Menu functions.
v1.1	4/2/2013	Keyboard Layout Note added.
v1.2	4/18/2013	Added new keyboard selections available at utility version 01.015
v1.3	5/18/2015	Updated screen shots.
v1.4	12/7/2016	Updated content, defined edit screens.
v1.5	7/25/2018	Added key Type selection for ER-915