

Sequencing Kitchen Requisitions Using the PRINT Key

Requires Software Version 2.02n or later

One of the challenges in restaurant pre-checking is getting items prepared at the correct time and in the correct sequence. For example, when appetizers, entrees and desserts are to be served, the server must make sure that each item is delivered to the customer hot, fresh and in the correct sequence. In many busy kitchens, the server (not the chef or the preparation team) has the responsibility of staging the meal. If the server were to take the entire customer order, enter it at the pre-check station, service the order (thus sending requisitions to the kitchen printer) all elements of the meal might be ready at the same time, instead of ready to serve in the correct sequence.

One method to control the release of pre-checked items to the kitchen is to use the **Hold/Print Hold** feature. (Refer to “Guest Check Operations” in the SPS-2000 Operation Manual for instructions.) Here the server designates items that are not yet to be released to the kitchen using the **HOLD** key. When the guest check is serviced, held items are not automatically printed at kitchen printers. Depending upon how the SPS-2000 is set up, items can be released individually, or all held items can be released to the printer at a later time.

A new option is now available. Beginning at software version 2.02n, the **Meal Order Feature** can be used to control the release of items using the **PRINT** key. When the Meal Order Feature is enabled (Function Key/PRINT key options) and items are organized in different groups set with different meal order sequences (i.e. Group 1 may be Appetizers, Group 2 Main Entrees, and Group 3 desserts) the server can release items automatically using the **PRINT** key. The first time the server touches the **PRINT** key, items from the first group are printed. The second time the server touches the **PRINT** key, the second group is released, and so on. In this manner appetizers could be printed the first time the **PRINT** key is touched, main items the second time, and desserts the last time. In many applications, this feature will be less cumbersome to use than the **Hold/Print Hold** feature.

You can set up and demonstrate the **Meal Order Feature** using the following instructions:

1. Configure Kitchen Printer Routing

Set up a single printer as shown here. (If you are configuring multiple printers, or using different printer models or ports, make adjustments as necessary.)

- Choose DEFINE PORT from the S Mode menu. Set the appropriate port, BAUD rate and printer device.

DEFINE PORT PARAMETERS			
PORT#	SERIAL PORT#1	RF UNIT	BITMAP DOWNLOAD
PORT DESCRIPTION	PORT1		
BAUD RATE	115200	PARITY	NONE
DATA BITS	8	STOP BITS	1
RETRIES	03	PRINT BITMAP	NO
FEED LINES BEFORE PRINTING	00	FEED LINES AFTER PRINTING	07
LOGO SIZE	NORMAL	LINES ON "HARD" SLIP	00
CUTTING AFTER PRINTING	YES	IN CASE OF PRINTER, KICK THE DRAWER	NO
PRINT UPSIDE DOWN	NO		
DEVICE	PRINTER	PRINTER TYPE	ELLIX 20
OK		CANCEL	

- Choose PRINTER & KV ROUTING/SYSTEM PRINTER CONFIGURATION from the P Mode menu. Assign the appropriate register/port for each printer.

SYSTEM PRINTER CONFIGURATION					
PRINTER	DESCRIPTOR	MAIN		BACK UP	
		REG#	PORT#	REG#	PORT#
# 1	KP 1	01	1	00	0
# 2		00	0	00	0
# 3		00	0	00	0
# 4		00	0	00	0
# 5		00	0	00	0
# 6		00	0	00	0
# 7		00	0	00	0
# 8		00	0	00	0
# 9		00	0	00	0
#10		00	0	00	0
PAGE UP		PAGE DOWN		CLOSE	

- Choose PRINTER & KV ROUTING/KITCHEN PRINTER ROUTING from the P Mode menu. Assign the kitchen printer group to the printer.

KITCHEN PRINTER ROUTING										
PERIOD#1										
PT#	DESCRIPTOR	KP#	KP#	KP#	KP#	KP#	KP#	KP#	KP#	KP#
01	KP 1	1	0	0	0	0	0	0	0	0
00		0	0	0	0	0	0	0	0	0
00		0	0	0	0	0	0	0	0	0
00		0	0	0	0	0	0	0	0	0
00		0	0	0	0	0	0	0	0	0
00		0	0	0	0	0	0	0	0	0
00		0	0	0	0	0	0	0	0	0
00		0	0	0	0	0	0	0	0	0
00		0	0	0	0	0	0	0	0	0
00		0	0	0	0	0	0	0	0	0
00		0	0	0	0	0	0	0	0	0
00		0	0	0	0	0	0	0	0	0

PAGE UP PAGE DOWN CLOSE

- This is minimum required programming to set up a single kitchen printer.*

2. Set Check Tracking Options

- Choose SYSTEM OPTIONS from the S Mode menu and touch the PAGE #2 tab. At option #10, set the tracking file register number. (If you are using multiple registers or multiple tracking files, your setting may be slightly different. The point here is to enable the tracking file.)

S-MODE SYSTEM OPTIONS			
PAGE #1	PAGE #2	PAGE #3	PAGE #4
8. SEND PLU DESCRIPTOR WHEN POLLED		YES	
9. REG# HOLDS TIME IN/OUT DATA		00	
10. REG# HOLDS CHECK TRACKING DATA			
CHECK#1	01	CHECK#2	00
CHECK#3	00	CHECK#4	00
11. REG# HOLDS BACKUP CHECK TRACK DATA			
CHECK#1	00	CHECK#2	00
CHECK#3	00	CHECK#4	00
12. REG# HOLDS KP GLOBAL ORDER#		00	
OK		CANCEL	

3. Locate the **PRINT** key on the Keyboard

- Choose KEY RELOCATION from either the P Mode or S Mode menu. Touch the location where you wish to locate the key, then touch the KEY key. Select key code #190 “PRINT” and touch OK.

KEY RELOCATION

PLU LIST1	PLU LIST2	PLU LIST3	PLU LIST4	PLU LIST5
PLU LIST6	PLU LIST7	PLU LIST8	PRICE LEVEL	RA/PO
EMPL OYEE1	CLK IN/OUT	RECEIPT	RCPT ON/OFF	MODIFIER
GUEST #	TABLE 1	RECALL CHK1	STORE CHK1	LIST CHECK1
PRINT CHECK	REPEAT	PAID RECALL	#/NO SALE	SUBT TOTAL
% 1	% 2	% 3	%	PRINT
ERR. CORR.	CANCEL	VOID ITEM	MDSE RETURN	PAYMENT
MISC TEND1	MISC TEND2	MISC TEND3	CHECK	EMPL OYEE1

0. MAIN SCREEN

FUNCTION LIST STATUS PGM

SELECT KEY/IMAGE: KEY IMAGE

FONT SIZE: LEVEL2

SCREEN DESCRIPTION: APPLY TO ANOTHER SCREEN

FONT COLOR: [Color Selection]

BUTTON COLOR: [Color Selection]

BUTTON TYPE: [Shape Selection]

COPY TO ANOTHER SCREEN: COPY

RESET CLOSE

Touch KEY to select the PRINT key code

4. Set the Meal Order Option

- Choose FUNCTION KEY from the P Mode menu. Page down to select the PRINT key (key #190). Set the “AUTOMATICALLY PRINT MEAL ORDERLY” option to YES.

FUNCTION KEY #190 PROGRAMMING

FUNCTION KEY # 190

DEFAULT DESC PRINT

DESCRIPTOR PRINT

OUTPUT PRINTER # (0-40) 00

AUTOMATICALLY PRINT MEAL ORDERLY YES

PREV. RECORD NEXT RECORD CLOSE

Set to YES

5. Program Groups

- Select GROUP from the P Mode menu. Set the descriptor and meal order sequence number for each group. (“0” is the first meal order sequence number. You must use meal order sequence “0” for the first items to be released. If you do not associate items with sequence “0” nothing will print when the Print key is pressed the first time.) Three groups are shown here for demonstration.

The image shows three overlapping screens for programming meal groups. Each screen has a title bar and four input fields with corresponding buttons.

Field	Group 1	Group 2	Group 3
GROUP#	1	2	3
DESCRIPTOR	APPETIZER	MAIN DISH	DESSERT
ADD TO GROUP TOTAL?	YES	YES	YES
MEAL ORDER FOR KP(0-7)	0	1	2

An arrow points to the '0' in the 'MEAL ORDER FOR KP(0-7)' field of Group 1 with the text: "Set the sequence here".

At the bottom of the Group 3 screen, there are three buttons: "PREV. RECORD", "NEXT RECORD", and "CLOSE".

6. Set the PLU Status Group

- Choose PLU/PLU STATUS GROUP from the P Mode menu. For kitchen printer operation, you must link the status group to a kitchen printer group.

PLU STATUS GROUP# 1 PROGRAMMING																	
PLU STATUS GROUP#	1																
DESCRIPTOR	PLU STS 1																
PAGE #1	PAGE #2	PAGE #3	PAGE #4	PAGE #5	PAGE #6												
25. PRINT ON KV?																	
NO																	
26. KITCHEN VIDEO GROUP #																	
00																	
27. COLOR TO DISPLAY ON KV (0-31)																	
00																	
28. PRINT ON KP?																	
YES																	
29. PRINT ON KP GROUP#																	
<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9																	
30. PRINT RED ON KITCHEN PRINTERS?																	
NO																	
31. PRINT RED ON RECEIPT?																	
NO																	
PREV. RECORD						NEXT RECORD						CLOSE					

Select the
Kitchen Printer
Group #

7. Program PLU Items

- Choose PLU/PLU ADD & CHANGE from the P Mode menu. Three PLUs are set for this demonstration: BEER, STEAK and ICE CREAM. Set the Descriptor, Group Link #1 and PLU STATUS GROUP LINK# for each PLU.

PLU#000000000000000010 PROGRAMMING			
PLU#	000000000000000010		
DESCRIPTOR	BEER		
PAGE #1	PAGE #2	PRICES	
STOCK LINK PLU #		000000000000000000	
MODIFIER QTY		00.00	
GROUP LINK #1		[01] APPETIZER	
PLU STATUS GROUP LINK#		[01] PLU STS 1	
PIECE COUNT		000	
PRODUCT MIX #1		0	
RECIPE#		0	
MIX&MATCH TABLE#		0	
PREV. RECORD		NEXT RECORD	CLOSE

PLU#000000000000000011 PROGRAMMING			
PLU#	000000000000000011	DESCRIPTOR	STEAK
PAGE #1	PAGE #2	PRICES	
STOCK LINK PLU #	000000000000000000		
MODIFIER QTY	00.00		
GROUP LINK #1	[02] MAIN DISH		
PLU STATUS GROUP LINK#	[01] PLU STS 1		
PIECE COUNT	000		
PRODUCT MIX #1	0		
RECIPE#	0		
MIX&MATCH TABLE#	0		
PREV. RECORD		NEXT RECORD	
		CLOSE	

PLU#000000000000000012 PROGRAMMING			
PLU#	000000000000000012	DESCRIPTOR	ICE CREAM
PAGE #1	PAGE #2	PRICES	
STOCK LINK PLU #	000000000000000000		
MODIFIER QTY	00.00		
GROUP LINK #1	[03] DESSERT		
PLU STATUS GROUP LINK#	[01] PLU STS 1		
PIECE COUNT	000		
PRODUCT MIX #1	0		
RECIPE#	0		
MIX&MATCH TABLE#	0		
PREV. RECORD		NEXT RECORD	
		CLOSE	

8. Demonstrate the Meal Order Feature

1. In REG mode, begin a check and ring items.
2. Press **PRINT** to send the appetizers to the KP.
3. Store the check.
4. Recall the check.
5. Press **PRINT** to send the main items to the KP.
6. Store the check.
7. Recall the check.
8. Press **PRINT** to send the desserts to the KP.

REG	REP	PGM	S	TAXES	0.00	TOTAL	14.68
PLU LIST1	PLU LIST2	PLU LIST3	PLU LIST4	PLU LIST5	CHK# 1/TBL# 0/GST# 0/1 EMPLOYE		
PLU LIST6	PLU LIST7	PLU LIST8	PRICE LEVEL	RA/PO	1 BEER \$1.20		
EMPL OYEE1	CLK IN/OUT	RECEIPT	RCPT ON/OFF	MODIFIER	1 STEAK \$11.99		
GUEST #	TABLE 1	RECALL CHK1	STORE CHK1	LIST CHECK1	1 ICE CREAM \$1.49		
PRINT CHECK	REPEAT	PAID RECALL	#/NO SALE	SUBTOTAL	TAXES 0.00 TOTAL 14.68		
% 1	% 2	% 3	% 4	PRINT	P01 R0n REG01		
ERR. CORR.	CANCEL	VOID ITEM	MDSE RETURN	PAYMENT	DONE	PLU	7 8 9
MISC TEND1	MISC TEND2	MISC TEND3	CHECK	EMPL OYEE1	PREV.	X/TIME	4 5 6
					SUBTOTAL	CLEAR	1 2 3
					CASH	VOID ITEM	0 00 .